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

Technical Coordinating Committee
Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: October 8, 2019
SUBJECT: October 16th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, October 16, 2019 at 10 am. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

1) Call to Order
2) Approval of the Agenda
3) Presentation
   a. Go Coast Website- Nick Cannon, WMPO
4) Consent Agenda
   a. Approval of TCC Meeting Minutes- September 11, 2019
   b. Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
   c. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4
   d. Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities
   e. Opening of the 30-day Public Comment Period for 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-5
5) Regular Agenda
   a. Resolution approving the Go Coast Transportation Demand Management Committee Bylaws
6) Discussion
   a. Alternative Funding Criteria and Proposed Project Lists for inclusion in Cape Fear Moving Forward 2045
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- November 12th

9) Next meeting- November 6, 2019

Attachments:

- TCC Meeting Minutes- September 11, 2019
- 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
- Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
- Proposed 2018-2027 and 2020-2029 STIP/ MPO Transportation Improvement Program Amendment #19-4
- Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4
- Draft Agreement between the Wilmington Urban Area MPO, Cape Fear Public Transportation Authority and City of Wilmington
- Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-5
- Proposed Go Coast Transportation Demand Management Committee Bylaws
- Resolution approving the Go Coast Transportation Demand Management Committee Bylaws
- Wilmington Urban Area MPO Project Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Transportation Planning Division Project Update (October)

Wilmington Urban Area
Technical Coordinating Committee
Wednesday, September 11, 2019
Meeting Minutes

Members Present

Mike Kozlosky, Wilmington MPO
Don Bennett, City of Wilmington
Nick Cannon, Wilmington MPO
Jerry Haire, Town of Carolina Beach
Nancy Avery, Town of Kure Beach
Danielle Villegas, Town of Wrightsville Beach
Rebekah Roth, New Hanover County
Stephanie Ayers, North Carolina State Ports Authority
Cheryl Page, Town of Belville
Ashli Barefoot, Town of Leland
Barnes Sutton, Town of Navassa
Helen Bunch, Brunswick County
Travis Henley, Pender County
Caitlin Marks, NCDOT Division of Highways
Nazia Sarder, NCDOT Planning
Megan Matheny, Cape Fear Public Transportation

1) **Call to Order**
Mr. Kozlosky called the meeting to order at 10:02 a.m.

2) **Approval of the Agenda**
Ms. Ayers made a motion to approve the agenda as presented, seconded by Ms. Bunch, and the motion carried unanimously.

3) **Presentation**
   a. **Prioritization 5.0 Update - Caitlin Marks, NCDOT**
   Caitlin Marks, NCDOT Division of Highways, gave an update on the State Transportation Improvements Project (STIP) Prioritization 5.0 (P5.0) that the Board of Transportation approved the week before. She gave an overview of NCDOT's cash flow balance with its statutory floor at 7.5% of total revenue or $250 million. She added that starting in fiscal year 2019, NCDOT was billing below what was targeted. She pointed out that the deviation approaching the red line necessitated some changes.

   Ms. Marks stated that severity of storms over the last three years contributed to the downward trend in fund balance. She noted that between fiscal years 2017 and 2019, DOT spent an average $222 million a year, compared to an average of $65 million a year between 2004 and 2016. Additionally, reimbursements from the Federal Highway Administration (FHWA) are not immediate. To date, the FHWA has reimbursed only 50% of the costs from Hurricane Matthew (2016) and 11% from Hurricane Florence (2018).

   Ms. Marks stated that the impact of the Map Act is another factor. She noted that settlements currently total $311 million and rising in addition to the right-of-way costs.

   In response to an inquiry by Ms. Ayers, Ms. Marks stated that she would need to research the expected percent of reimbursement from FEMA.

   In response to an inquiry by Mr. Bennett, Ms. Marks stated that storm expenses do not include the rebuilding of NC 12 on Ocracoke Island.

   Ms. Marks stated that the August revision to January's draft 2020-2029 STIP changed some of the dates. She noted that even though the schedule has been

revised, P5.0 is still ahead of P3.0 projections due to accelerations in P4.0. She displayed a list of projects that were unaffected by the revision. She pointed out that the B Section of the Hampstead Bypass is still on schedule. And although the let date of the A Section has been delayed, the project completion date has remained the same.

Ms. Ayers requested the list [a copy of the presentation].

Ms. Marks stated that the temporary suspension of projects has been implemented statewide. She explained that project designs will remain stalled until the cash balance increases. She gave a brief overview of six projects that will continue to move forward, such as Front Street and the Hampstead Bypass. She noted that a request for U-5710A Eastwood Road/Military Cutoff Road to move forward is awaiting a response. She reiterated that the suspension is only temporary, and that she would continue to bring updates to the group.

Ms. Marks gave an overview of prioritization buckets or tiers. She stated that the Cape Fear Crossing project did not score high enough in the Statewide Tier, and could not be fully funded by either the Regional or Division Needs Tiers. She noted that the STIP that was just released included $21 million for right-of-way, only a portion of the total right-of-way costs estimated at $114 million, and construction was unfunded. Although the project has been suspended for economic reasons, it can continue to be included in prioritization in future years. Meanwhile, NCDOT repurposed the $21 million to fund the Gordon Road right-of-way, which advanced right-of-way from 2029 to 2025 and prevented reprioritization.

Ms. Marks stated that on August 30th NCDOT launched a feasibility study for the replacement of the Cape Fear Memorial Bridge, separate from the Cape Fear Crossing. She noted that the fixed span has a life of 20 years and the moveable span, a lifetime of 10 years. She commented that it's very expensive to maintain. She noted that the bridge will not be closed during construction.

A lengthy question/answer and discussion period was held regarding the timeline and prioritization for restoring projects to the list. Ms. Marks stated that she would research the impact to rail projects and report back.

Mr. Kozlosky expressed concerns regarding the potential impact to NCDOT staff. He noted that some money is going back into the fund balance, although it is frozen for the time being. He expressed appreciation to Ms. Marks.

4) **Consent Agenda**
   a. **Approval of TCC Meeting Minutes – August 14, 2019**
   b. **Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization Rules of Procedure**
   c. **Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4**
   d. **Opening 30-day public comment period for 2020-2029 State/MPO Transportation Improvement Programs**

Ms. Matheny pulled Item 4a (TCC Meeting Minutes of August 14, 2019) for further consideration.

Ms. Bunch made a motion to approve the Consent Agenda, Item 4b through Item 4d, and to forward these items to the MPO Board for consideration. Ms. Roth seconded the motion, and it carried unanimously.

In regard to the meeting minutes of August 14th, Ms. Matheny pointed out a typographical error in the third paragraph of the third page. She noted that the sentence should read, "…percentage on an annual basis." In addition, she requested that the last sentence of that paragraph be clarified by adding, "…as Wave does not have a dedicated source of funding."

Mr. Bennett made a motion to approve the minutes as amended, seconded by Ms. Roth, and the motion carried unanimously.

5) Regular Agenda

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

Ms. Lorenzo stated that amended fiscally constrained project lists have been included in the agenda packet. She gave an overview of the process to date for the 2045 Metropolitan Transportation Plan (MTP). She noted that the project lists were presented in July to the MPO Board, who requested an additional month for review. At their August meeting, the MPO Board members provided feedback for revisions. She displayed a map illustrating the proposed changes as follows:

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

Ms. Lorenzo stated that the last six projects are located along an existing north-south corridor. She noted that these projects will potentially achieve the same north-south connection without major impacts to existing, established neighborhoods. She added that the Kerr Avenue Extension would establish a new route on new location.

Ms. Lorenzo stated that these changes would allow five additional projects to move into the fiscally constrained portion of the roadway list, as follows:

- RW-10, New Centre Drive Extension to Clear Run Drive
- RW-137, US 17 and NC 210 Intersection Improvements
- RW-6, Hoover Road Widening

- RW-99, Murrayville Road Widening
- RW-226, US 17/421 and US 17/76 Merge Lane Addition

Ms. Lorenzo stated that these additions were based on next ranking projects and cost. She noted that the MPO Board will consider these lists at its next meeting.

Mr. Kozlosky stated that this list does not include any alternative funding.

Ms. Lorenzo stated that the MPO Board will consider politically viable alternative funding sources at its September meeting. She noted that this committee will consider alternative funding sources at its October meeting.

Mr. Cannon made a motion to approve the Resolution Endorsing the Fiscally Constrained Project Lists for Inclusion in the Cape Fear Moving Forward 2045 Metropolitan Transportation Plan. Mr. Henley seconded the motion, and it carried unanimously.

6) Discussion

a. River to Sea Cap

Mr. Cannon stated that this past May was the 30th Annual River to Sea Bike Ride. He noted that due to the popularity of the event, staff is considering capping participation. He added that registration was online this year. Over the past five years, participation has fluctuated from 300 to 500 cyclists. This year the ride had 600 registrants; although not all participated.

Mr. Cannon stated that it was the consensus of the Wilmington Police Department, the Wrightsville Beach Police Department, and the New Hanover County Sheriff's Office that the capacity should be 400 riders. He noted that such a cap would necessitate a commitment from participants, such as a $5 fee to encourage a good turnout.

Mr. Bennett proposed dividing the event into two rides, spring and fall, with 300 participants each. Mr. Cannon responded that much effort goes into the event, and law enforcement supports it voluntarily. He noted that the Bicycle/Pedestrian Advisory Committee has considered keeping the three-hour River to Sea Bike Ride Event in the spring, and holding more educational, smaller, family-oriented event in the fall.

In response to an inquiry by Ms. Matheny, Mr. Cannon reported that 400 cyclists participated this year. He noted that the committee is also considering how best to track participation. He added that Wrightsville Beach Parks and Recreation rented porta-potties and that a registration fee could help offset the cost.

Ms. Avery inquired about holding the event off-season when traffic is less congested. Mr. Cannon responded that the event is usually held the first Saturday of May to kick off National Bike Month. He added that the event was started one hour earlier this year, and finished by 10:00 a.m.

There was no opposition to implementing a cap on the number of participants.

b. <u>Cape Fear Public Transportation Authority's request for FY 20 Surface Transportation Block Grant- Direct Attributable Funding</u>

Ms. Kimes gave an overview of the Cape Fear Public Transportation Authority's request for Fiscal Year 2020 Surface Transportation Block Grant-Direct Attributable (STBG-DA) funding and distributed copies of the request. She stated that last month for this fiscal year Wave Transit requested $100,000 in addition to $500,000, the amount requested last year, with the similar purpose of offsetting ADA and preventative maintenance costs. She noted that the intent of today's discussion is to consider the amount to be funded, how Wave expends the funding, and how this year's request will affect the MPO's ability to cover anticipated cost overruns on projects already awarded.

Ms. Kimes stated that the City of Wilmington has four projects with plans that are close to finalization and more accurate estimates, and expected to go to bid within the next year. Of those, three projects from 2013 are anticipated to need additional funding totaling roughly $1.7 million.

Ms. Kimes stated that one of the Town of Leland's projects encountered utility conflicts during the final plan review. She added that staff is awaiting a revised estimate from the design engineer. She noted that two other projects for the Town of Belville are further out, and one other project is on hold due to Department of Transportation's work in the area. At minimum, $1.6 million to $1.7 million will be needed to cover overruns within the next 18 months.

Ms. Kimes stated that for ADA last year, Wave used $150,000 of the DA funds to cover the majority of 10,110 Dial A Ride Transportation (DART) rides between July 1, 2018 and December 31, 2018 for people with a verified disability within a certain distance of the bus. She noted that Wave charges DART passengers $4 per ride, which costs Wave an average of $21.97 per passenger per ride.

Ms. Kimes stated that $350,000 of DA funds went towards preventative maintenance last year, which is subject to audit by the federal government. She noted that preventative maintenance items include salaries and benefits for mechanics, services and facilities, fuels and lubricants, maintenance on the buses such as parts, towing, small tools, shop supplies, cleaning supplies, building repairs, equipment maintenance, cellular phones, tires, professional services such as management, utilities for the building, other services such as employment testing, security monitoring, software licensing, pest control, employee training, landscape services, and other expenses such as office supplies, janitorial and uniforms, etc.

Ms. Matheny stated that the Federal Transit Administration (FTA) allows ADA and preventative maintenance to be capitalized, and sets the definitions. She added that annual independent audit shows that Wave is using the funds as allowed and defined by the FTA.

Ms. Kimes stated that although the MPO flexes the money over, STBG-DA funds are designed more for construction projects rather than maintenance/operations.

Ms. Barefoot stated that an additional $163,000 is anticipated to be needed for Town of Leland projects (I, J, and K).

Ms. Kimes stated that after the last round was awarded, about $988,000 remained in Fiscal Year 2020 and $1.7 million in Fiscal Year 2021 – before the Wave Transit request. She noted that about $1 million was initially put in reserve to cover cost overruns. Given projected overruns during the next 18 months and possible Transportation Alternative Set Aside (TASA) fund rescission, she recommended that Wave's initial funding request of $500,000 be considered.

A question/answer and discussion period was held regarding the remaining funds. Ms. Kimes commented that funding should be adequate for the next 18 months. However, the next call for projects might be delayed.

Mr. Kozlosky summarized that from a two-year perspective and a total of $2.8 million will be available with $1.9 million in projected need and $500,000 requested by Wave, which leaves roughly $400,000 remaining.

In response to an inquiry by Ms. Matheny, Ms. Kimes stated that the buckets per mode approach was abandoned since funding did not follow that framework.

Mr. Kozlosky stated that staff anticipates a request by Wave for Fiscal Year 2021.

Ms. Matheny explained that based on past awards, Wave would advocate for a percentage, especially in the absence of a dedicated funding source and the recent reduction of state funds due to population growth. She noted that New Hanover County provides a local match of $350,000, and the City of Wilmington provides $1.3 million.

In response to an inquiry by Ms. Barefoot, Ms. Kimes stated that the Town of Leland provides the 20 percent match and would have to come up with additional money to bid the project or pay back DOT and the federal government any money that the town spent on a project that was not completed.

Mr. Kozlosky added that the project could wait until the next fiscal year.

In response to an inquiry by Ms. Matheny, Ms. Kimes stated that about $600,000 in TASA funds are at risk for rescission.

Mr. Bennett inquired about alternative funding sources for Wave. Ms. Matheny responded that a vehicle registration fee was recommended but was not supported by the New Hanover County Board of Commissioners.

Ms. Avery pointed out that the towns already charge a vehicle registration fee.

In response to an inquiry by Ms. Bunch, Ms. Matheny stated that the result would be a reduction of service if a dedicated funding source could not be identified. She noted that this consequence has been communicated to decision makers.

Following further consideration, Ms. Ayers made a motion to approve $500,000 in funding for the Cape Fear Public Transportation Authority in Fiscal Year 2020 STBG-DA funding, seconded by Mr. Haire.

Ms. Bunch expressed concerns regarding the importance of public transportation and the need for support.

Ms. Matheny commented that the funding structure in complex and the reduction of dollars does not translate cleanly, complicated further by ADA requirements.

Mr. Kozlosky recommended that next year's budget take into consideration the current status of DA funds.

Following further discussion, Mr. Kozlosky called the question and the motion carried 15-1. (Ms. Bunch voted "No.")

7) Updates

Mr. Kozlosky stated that updates are included in the agenda packet. He noted that copies of the latest MPO Annual Report are available.

8) Announcements

a. Bike/Pedestrian Committee Meeting: October 8th

b. Next TCC meeting: October 16th

9) Adjournment

With no further items, the meeting was adjourned at 11:33 p.m.

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
INTERSTATE PROJECTS																	
I-40 NEW HANOVER PENDER SW	I-6039	MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.	11.9	10539		NHPIM			C 5270	C 5269							
I-40 PENDER SW	I-6040	EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION.	15.2	11200		NHPIM					C 5600	C 5600					
I-140 NEW HANOVER SW	I-5760	I-40 TO US 421. PAVEMENT REHABILITATION.	6.6	7714	7714	SW A	OPEN GRADED FRICTION COURSE. - UNDER CONSTRUCTION										
						COMPLETED											
I-140 BRUNSWICK NEW HANOVER SW	I-6038	US 421 TO US 74/US 76. PAVEMENT REHABILITATION.	9.8	4000		NHPIM							C 4000				
I-140 NEW HANOVER SW	I-6037	US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION.	6.8	10385		NHPIM							C 10385				
I-140 BRUNSWICK SW	I-6036	US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION.	5.1	1410	10	NHPIM		C 1400									
RURAL PROJECTS																	
US 17/US 74/US 76 BRUNSWICK NEW HANOVER TRN	R-3601	NC 133/SR 1472 (VILLAGE ROAD) INTERCHANGE TO THE US 421/NC 133 INTERCHANGE. ADD ADDITIONAL LANES ON NORTH AND SOUTHBOUND LANES AND WIDEN BRIDGE 090107 AND BRIDGE 090108.	1.5	71234	71234												
						UNDER CONSTRUCTION											

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

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

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RURAL PROJECTS																	
VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	R-5783	DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		4280	3780	TA	C 400										
DIV						S	C 100										
		UNDER CONSTRUCTION; "S" FUNDS REFLECT STATE HIGHWAY FUNDS															
US 17 (HAMPSTEAD BYPASS) NEW HANOVER PENDER	R-3300 H090215	US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION	12.3	340632	101547	T					CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 51480 A
						T					C 12667 A	C 12667 A	C 12666 A				
						T		CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 41184 B
						T		C 1600 B									
		REG A H090215-A US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210. - PLANNING/DESIGN IN PROGRESS - RIGHT-OF-WAY IN PROGRESS. BUILD NC BOND FUNDING $75 M PAYBACK 2023 - 2037.															
		REG B H090215-B NC 210 TO US 17 NORTH OF HAMPSTEAD. - PLANNING/DESIGN IN PROGRESS - RIGHT-OF-WAY IN PROGRESS. BUILD NC BOND FUNDING $80 M PAYBACK 2021 - 2035.															
I-140/US 17 (WILMINGTON BYPASS) BRUNSWICK NEW HANOVER	R-2633	US 17 SOUTH OF NC 87 IN BRUNSWICK COUNTY TO I-40 IN NEW HANOVER COUNTY. FOUR LANE DIVIDED FREEWAY ON NEW LOCATION.	20.2	773030	684220	NHP	CG 3405 AA	CG 3405 AA									
						NHP	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA					
						NHP	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB						
		TRN AA NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE															
		AB NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE															
		TRN BA US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD). - COMPLETE															
		TRN BB SR 1430 (CEDAR HILL ROAD) TO WEST OF US 421 NORTH OF WILMINGTON. - COMPLETE															
		BC US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON. - OPEN TO TRAFFIC															
		CA WEST OF US 421 NORTH OF WILMINGTON TO WEST OF NC 133. - COMPLETE															
		CB WEST OF NC 133 TO US 117. - COMPLETE															
		CC US 117 TO EAST OF I-40 SOUTH OF CASTLE HAYNE. - COMPLETE															
		TRN D IMPLEMENTATION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS). - UNDER CONSTRUCTION															
		GARVEE BOND FUNDING $31.05 M FOR SEGMENT AA; PAYBACK FY 2010-2021 - GARVEE BOND FUNDING $50 M FOR SEGMENT BA; PAYBACK FY 2014-2025 - GARVEE BOND FUNDING $100 M FOR SEGMENT BB; PAYBACK FY 2013-2024															
URBAN PROJECTS																	
US 17 PENDER	U-5732 H141537	SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.	5.5	64655	39555	T								C 6275	C 6275	C 6275	C 6275
REG		REG A H141537 SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE. - COMPLETE															
		RIGHT-OF-WAY IN PROGRESS															

DIV - Division Category
HF - State Dollars (Non STI)
SW - Statewide Category
EX - Exempt Category
REG - Regional Category
TRN - Transition Project
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URBAN PROJECTS																	
US 17 BUSINESS (MARKET STREET) NEW HANOVER	U-4902 H090499	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	122044	64844	T						C 8000 B					
						T					C 12300 C	C 12300 C	C 12300 C	C 12300 C	C 12300 C		
							A	SR 1272 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD. - COMPLETE								
						REG	B	H090499-B	CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). - RIGHT-OF-WAY IN PROGRESS								
						SW	C	H090499-C	NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. - RIGHT-OF-WAY IN PROGRESS. INCLUDES U-5880.								
						SW	D	H090499-D	SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). - UNDER CONSTRUCTION								
US 74 (MARTIN LUTHER KING, JR. PARKWAY) NEW HANOVER	U-5792 H141226	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		26610	1500	T					R 1215	R 3645					
						T							C 20250				
DIV							PROJECT TO BE LET WITH U-5881.										
US 74 (EASTWOOD ROAD) NEW HANOVER	U-5710 H141232	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	2.0	57267	8125	T	R 5436	R 5436									
						T				C 7900	C 7900	C 7900	C 7900				
						T	R 1870 A										
						T	C 4800 A										
						SW	A	FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. - RIGHT-OF-WAY IN PROGRESS								
SW							RIGHT-OF-WAY IN PROGRESS										
US 74 NEW HANOVER	U-5731 H110978	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	1.0	33300	1500	T	R 1250	R 3750									
						T	U 1000										
						T					C 6450	C 6450	C 6450	C 6450			
SW																	
US 421 (SOUTH FRONT STREET) NEW HANOVER	U-5734 H110981	US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.	1.0	27000	1000	T						R 6600	R 6600				
						T						U 1600					
						T									C 2800	C 2800	C 5600
REG																	
US 421 (CAROLINA BEACH ROAD) NEW HANOVER	U-5790 H090717	NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	1.1	22908	1500	T			R 1131	R 3394							
						T			U 183								
						T					C 16700						
DIV																	

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5881 H149006-D	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	2.9	82701	1000	T						R 17051	R 17050				
						T						U 1500	U 1500				
						T									C 11150	C 11150	C 22300
SW																	
						PROJECT TO BE LET WITH U-5792.											
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5704 H149006-E	US 76 (OLEANDER DRIVE). INTERSECTION IMPROVEMENTS.		56400	1100	NHP				R 6250	R 9375	R 9375					
						NHP				U 2500	U 2500						
						NHP							C 8433	C 8433	C 8434		
SW																	
						PROJECT TO BE LET WITH U-5702A.											
NC 133 BRUNSWICK	U-5914 H110994	US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.	0.5	2765	965	T	C 900	C 900									
DIV																	
						RIGHT-OF-WAY IN PROGRESS.											
NC 133 (CASTLE HAYNE ROAD) NEW HANOVER	U-5863 H110980	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES	3.7	31674	1300	T		R 515	R 1543								
						T		U 500									
						T					C 1391	C 13213	C 13212				
REG																	
SR 1175 (KERR AVENUE) NEW HANOVER	U-6201 H110991	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	0.3	5410	10	T						U 500					
						T						R 3300					
						T								C 1600			
DIV																	
NEW ROUTE NEW HANOVER	U-5926	SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.		8732	3410	L	R 225										
						T	R 225										
						L			C 2436								
						T			C 2436								
DIV																	
						ECONOMIC DEVELOPMENT PROJECT.											

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URBAN PROJECTS																	
NEW ROUTE (CAPE FEAR CROSSING) BRUNSWICK NEW HANOVER	U-4738	US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER.	11.2	1026790	11540	NHP											R 29700 A
						NHP											U 1080 A
						BOND R											C 23903 A
						NHP											C 219434 A
						NHP											R 80300 B
						NHP											U 2920 B
						BOND R											C 64627 B
						NHP											C 593286 B
						DIV A	H129646-A US 17 IN BRUNSWICK COUNTY TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION.										
						B	H129646-B 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											
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5989	WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.		34837	4476	BGDA	C 1412	C 735	C 2564	C 2700	C 2700	C 2700	C 2700	C 2700	C 2700	C 2700	
						L	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	
DIV																	
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5534	WILMINGTON URBAN AREA MPO STP-DA PROGRAM.		3126	3126												
DIV						IN PROGRESS											
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5525	WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION PLANNING (PL) SUPPLEMENT.		3313	313	BGDA	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	
						L	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	
DIV																	
US 421 (CAROLINA BEACH ROAD) NEW HANOVER	U-5729 H110987	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY.	1.6	27510	14510	T				C 525 REG	C 3325 REG	C 3325 REG	C 3325 REG				
						T				C 2500 SW							
						REG	REG H110987 US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - RIGHT-OF-WAY IN PROGRESS										
						SW	SW H110987 US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. - RIGHT-OF-WAY IN PROGRESS										

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URBAN PROJECTS																	
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5702 H142202	SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	9.7	97371	2770	NHP				R 6467 A	R 6467 A	R 6467 A					
						NHP				U 2300 A							
						NHP							C 11300 A	C 11300 A	C 11300 A		
						NHP						R 2400 B					
						NHP						U 500 B					
						NHP											C 36100 B
						SW A	H149006-B/C	SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS. PROJECT TO BE LET WITH U-5704.										
						REG B	H149006-A	US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.									
SR 2048 (GORDON ROAD) NEW HANOVER	U-6202 H171413	US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	2.5	85125	10	T						RB 3861	RB 3861	RB 3861	RB 3861	RB 3861	RB 38610
						T						R 1450	R 1450				
						T						U 2900	U 2900				
						T											C 18500
DIV																	
							BUILD NC BOND ROW FUNDING $45 M PAYBACK 2025 - 2039.										
SR 1175 (KERR AVENUE) NEW HANOVER	U-3338	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO MULTI-LANES.	3.2	96986	76486	BGANY				C 6833 C	C 6833 C	C 6834 C					
						TRN B		RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY). - UNDER CONSTRUCTION									
						REG C	H090390-C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). - RIGHT-OF-WAY IN PROGRESS									
SR 1409 (MILITARY CUTOFF ROAD EXTENSION) NEW HANOVER	U-4751 H129103	SR 1409 (MILITARY CUTOFF ROAD) TO US 17 (MARKET STREET) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	4.0	229159	181509	T	C 23825		C 23825								
						SW A	H129103	LENDIRE ROAD, WEST OF US 17 BUSINESS (MARKET STREET) TO US 17 BUSINESS (MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP ROAD). REALIGN ROADWAY. - UNDER CONSTRUCTION									
SW							UNDER CONSTRUCTION										
US 76 (OLEANDER DRIVE) NEW HANOVER	U-6128 H171546	GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.		9560	260	BGANY										U 500	U 500
						BGANY										R 1250	R 3750
						BGANY											C 3300
REG																	
SR 1209 (INDEPENDENCE BOULEVARD EXTENSION) NEW HANOVER	U-4434 H129637	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	1.7	130696	4163	BGANY			R 12384	R 18575	R 18575						
						BGANY			U 600								
						BGANY						C 25533	C 25533	C 25333			
DIV																	

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HIGHWAY PROGRAM

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ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
CAROLINA BEACH NEW HANOVER	U-6233	CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.		270		BGDA S BGDA S BGDA S	PE 6 PE 2 R 40 R 10	C 170 C 42									
DIV																	
						S FUNDS REPRESENT HIGH IMPACT LOW COST HIGHWAY FUNDS											
NC 133 (CASTLE HAYNE ROAD) NEW HANOVER	U-5954 H150020	NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	1.0	3000	500	T T T			R 150 U 100		C 1125	C 1125					
REG																	
WILMINGTON NEW HANOVER	U-6236	WEST SALISBURY STREET STREETSCAPE PROJECT.		909		BGDA L	C 636 C 273										
DIV																	
WILMINGTON NEW HANOVER	U-6235	TRAFFIC SIGNAL PRE-EMPTION FOR EMERGENCY VEHICLES PROJECT.		1271		BGDA L BGDA L	PE 390 PE 97	C 627 C 157									
DIV																	
WILMINGTON NEW HANOVER	U-6234	WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B.		1700		BGDA L BGDA L	PE 192 PE 48	C 1168 C 292									
DIV																	
WILMINGTON NEW HANOVER	U-6199 H171364	WILMINGTON CITYWIDE SIGNAL SYSTEM.	39.2	15970	10	T T T						U 500 R 100		C 7680	C 7680		
DIV																	

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BRIDGE PROJECTS																	
NC 133	B-4590	REPLACE BRIDGE 640029 OVER SMITH CREEK.		5072	972	NHPB											
NEW HANOVER						NHPB	C 4100										
HF																	
MITIGATION PROJECTS																	
VARIOUS	EE-4903	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		5505	5505												
BRUNSWICK																	
DUPLIN																	
NEW HANOVER																	
ONSLOW																	
PENDER																	
SAMPSON																	
						IN PROGRESS											
HIGHWAY SAFETY PROJECTS																	
VARIOUS	W-5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		22135	21485	HSIP	C 650										
BRUNSWICK						DIV DIV	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
DUPLIN						REG REG	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
NEW HANOVER						SW SW	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
ONSLOW																	
PENDER																	
SAMPSON																	
						DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS											
VARIOUS	W-5703	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.		3236	2536	HSIP	R 30 DIV										
BRUNSWICK						HSIP	C 180 DIV										
DUPLIN						HSIP	R 30 REG										
NEW HANOVER						HSIP	C 180 REG										
ONSLOW						HSIP	R 40 SW										
PENDER						HSIP	C 240 SW										
SAMPSON						DIV DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						REG REG	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						SW SW	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						IN PROGRESS											
AVIATION PROJECTS																	
WILMINGTON	AV-5730	EXTEND RUNWAY 6-24PHASE 1		5000		T			C 500								
INTERNATIONAL (ILM)						O			C 4500								
NEW HANOVER	A130514																
SW																	

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AVIATION PROJECTS																	
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5704	UPGRADE AIRFIELD LIGHTING VAULT.		500	500												
						UNDER CONSTRUCTION											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5796	INCREASE WIDTH OF ALL TAXIWAYS.		3800		O							C 3300				
						T							C 500				
						OTHER FUNDS PROVIDED BY ILM.											
WILIMINGTON INTERNATION (ILM) NEW HANOVER SW	AV-5886	TAXIWAY J IMPROVEMENTS.		5600		O								C 5100			
						T								C 500			
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5799	WIDEN NORTH-SOUTH TAXIWAY SYSTEM.		6500		O								C 6000			
						T								C 500			
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5801	EXPANSION OF AIR CARRIER APRON.		3940		O		C 3440									
						T		C 500									
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5702	REHABILITATE GA APRON NORTH.		500	500												
						UNDER CONSTRUCTION											

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AVIATION PROJECTS																	
WILMINGTON INTERNATIONAL AIRPORT (ILM)	AV-5885	REHABILITATE RUNWAY.		7500		O								C 7000			
						T								C 500			
NEW HANOVER	A170916																
SW																	
						OTHER FUNDS PROVIDED BY ILM											
WILMINGTON INTERNATIONAL (ILM)	AV-5713	PIPE DITCHES IN FBO #2 AREA.		505	505												
NEW HANOVER	A130512																
SW																	
						UNDER CONSTRUCTION											
WILMINGTON INTERNATIONAL (ILM)	AV-5795	EXPAND THE GENERAL AVIATION APRON.		1300		O			C 800								
						T			C 500								
NEW HANOVER	A150101																
SW																	
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM)	AV-5798	TAXIWAY IMPROVEMENTS.		5600		T		O 5100									
						T		C 500									
NEW HANOVER	A150418																
SW																	
						OTHER FUNDS PROVIDED BY ILM.											
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5527	WILMINGTON URBAN AREA MPO TRANSPORTATION ALTERNATIVES PROGRAM.		1733	273	TADA	R 0	R	R	R	R 0	R 0	R 25	R 25	R 25	R 25	
						L	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	
						TADA	C 0	C	C	C	C 0	C 0	C 200	C 200	C 200	C 200	
						L	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	
DIV																	
						IN PROGRESS											
SR 1403 (MIDDLE SOUND LOOP ROAD) NEW HANOVER	EB-5543	OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH.		230	230												
TRN																	
						UNDER CONSTRUCTION											

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BICYCLE AND PEDESTRIAN PROJECTS																	
SR 1219 (SOUTH 17TH STREET)	EB-5600	HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.	1.7	933		BGANY	C 746										
NEW HANOVER	B141213					L	C 187										
DIV																	
		PLANNING, DESIGN, RIGHT-OF-WAY, AND CONSTRUCTION BY CITY OF WILMINGTON.															
CARENDON AVENUE	EB-6029	CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).	0.5	682	37	L	C 129										
NEW HANOVER						TADA	C 516										
DIV																	
CAROLINA BEACH	EB-6039	CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.	1.3	490		L	PE 15										
NEW HANOVER						L		C 83									
						TADA	PE 59										
						TADA		C 333									
DIV																	
SR 1403 (MIDDLE SOUND LOOP), SR 2862 (LENDIRE ROAD, OGEDEN BUSINESS LANE	EB-6027	CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE.	0.5	1805	305	L	R 500										
NEW HANOVER						L				C 1000							
DIV																	
BELVILLE ELEMENTARY MULTI USE PATH	EB-6026	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.	0.4	151		L	PE 6										
BRUNSWICK						TADA	PE 24										
						L			R 1								
						TADA			R 2								
						L			C 24								
						TADA			C 94								
DIV																	
PEACHTREE AVENUE	EB-5719	PARK AVENUE TO MCMILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209	22	TAANY	C 150										
NEW HANOVER	B141312					L	C 37										
DIV																	

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

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
FERRY PROJECTS																	
VARIOUS	F-5703	REPLACEMENT VESSEL (SUPPORT		11600	6250	T	C 3250 A										
BEAUFORT	F130001	FLEET) FOR TUGS AND BARGES				T	C 2100 B										
BERTIE						DIV	A F130001	Z-DRIVE TOWING AND PUSHING TUG - UNDER CONSTRUCTION									
BRUNSWICK						DIV	B F130001	TWO SUPPORT/ANCHOR TUGS, ONE SUPPORT TUG, THREE BARGES - UNDER CONSTRUCTION									
CAMDEN																	
CARTERET																	
CHOWAN																	
CRAVEN																	
CURRITUCK																	
DARE																	
DUPLIN																	
GATES																	
GREENE																	
HERTFORD																	
HYDE																	
JONES																	
LENOIR																	
MARTIN																	
NEW HANOVER																	
NORTHAMPTON																	
ONSLOW																	
PAMLICO																	
PASQUOTANK																	
PENDER																	
PERQUIMANS																	
PITT																	
SAMPSON																	
TYRRELL																	
WASHINGTON																	
DIV																	
VARIOUS	F-5301	CEDAR ISLAND, SOUTHPORT AND FORT		980	980												
BRUNSWICK		FISHER DOCKS. REPLACE DOLPHINS.															
CARTERET																	
NEW HANOVER																	
TRN																	
							UNDER CONSTRUCTION										

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NON-HIGHWAY PROGRAM

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FERRY PROJECTS																	
SOUTHPORT - FORT FISHER	F-5707	CONSTRUCT MOORING FACILITIES.		5000		T						C 2500	C 2500				
BRUNSWICK	F150236																
NEW HANOVER																	
REG																	
SOUTHPORT-FORT FISHER	F-5705	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.		14000		T									C 700		C 13300
BRUNSWICK	F150235																
NEW HANOVER																	
REG																	
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5224	REPLACEMENT TROLLEY		700		FBUS	CP 700										
NEW HANOVER																	
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5222	REPLACEMENT LTV		1873	1249	FBUS	CP 260	CP 260									
						L	CP 26	CP 26									
						S	CP 26	CP 26									
NEW HANOVER																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5134	REPLACEMENT HYBRID BUS		478	478	JARC											
						L											
NEW HANOVER																	
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5221	REPLACEMENT LTV		1321	956	FUZ	CP 324										
						L	CP 41										
						S											
NEW HANOVER																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-5223	REPLACEMENT BUS		6070	2836	FBUS	CP 2588										
						L	CP 323										
						S	CP 323										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6700	ADA		389	389	L											
						STBGDA											
						STPDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6552	CAPITAL - REPLACEMENT VEHICLE		460	460	FNF											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6516	CAPITAL		771	771	FNU											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TD-4721	WMMTC CONSTRUCTION		2125	2125	L											
						STBGDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6796	ADA		325	325	L											
						STBGDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6795	PREVENTIVE MAINTANENCE		313	313	L											
						STBGDA											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6177	ROUTE 201 IN WILMINGTON, UPGRADE AMMENITIES AND BUS STOPS		66		FUZ				C 54							
						L				C 6							
						T				C 6							
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6170	ADA AND PREVENTIVE MAINTENANCE		638	638	L											
						STPDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-5245	PREVENTIVE MAINTENANCE		3354	3040	FUZ	CP 251										
						L	CP 63										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-5244	PREVENTIVE MAINTENANCE		1256	1256	FBUS											
						L											
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6784	PREVENTIVE MAINTENANCE		875	875	L											
						L											
						STBGDA											
						STPDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TK-6176	ADMINISTRATION		2863	1991	FNU	O 218	O 218	O 218	O 218							
						FNU											
						L											
						S											
						FUNDS AUTHORIZED IN PROGRESS											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TM-6137	OPERATING ASSISTANCE		636	636	JARC											
						L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-6108	OPERATING ASSISTANCE - NEW FREEDOM		1872	1872	FNF											
						L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-5135	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS		116	116	FNF											
						L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-6121	OPERATING		738	738	FNF											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TO-4751	OPERATING ASSISTANCE		78562	55630	FUZ	O 2129	O 2129	O 2129	O 2129							
						L	O 2759	O 2759	O 2759	O 2759							
						SMAP	O 845	O 845	O 845	O 845							
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TO-5210	OPERATING ASSISTANCE FOR EXPRESS FIXED ROUTE SERVING FORDEN AND DOWNTOWN STATIONS		368	368	JARC											
						L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5111	PLANNING ASSISTANCE - 5303		4408	2760	FMPL	PL 384	PL 384	PL 384	PL 384							
						L	PL 14	PL 14	PL 14	PL 14							
						S	PL 14	PL 14	PL 14	PL 14							
						FUNDS AUTHORIZED IN PROGRESS											

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NON-HIGHWAY PROGRAM

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ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5110	PLANNING ASSISTANCE - SHORT RANGE DEVELOPMENT		300	200	FUZ	CP 80										
						L	CP 10										
						S	CP 10										
							FUNDS AUTHORIZED IN PROGRESS										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5125	PLANNIG SRTP		150	150	FUZ											
						L											
							FUNDS AUTHORIZED IN PROGRESS										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY ONSLOW SD	TQ-6157	OPERATING ASSISTANCE - PURCHASE OF SERVICE		250	250	FEPD											
						L											
						S											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-6513	OPERATING ASSISTANCE		1190	1020	FEPD	O 85										
						L	O 85										
							FUNDS AUTHORIZED IN PROGRESS										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-7005	PROJECT ADMINISTRATION		156	72	FEPD	AD 28		AD 28		AD 28						
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-8019	MOBILITY MANAGER		306	255	FEPD	CP 41										
						L	CP 10										
							FUNDS AUTHORIZED IN PROGRESS										

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9001	CAPITAL PURCHASE OF SERVICE		432	168	FEPD	CP 88	CP 88	CP 88								
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9011	CAPITAL - PURCHASE OF SERVICE		176	176	FEPD L S											
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9035	5310 CAPITAL PROJECT - SERVICE VEHICLE		20	20	FEPD L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9036	5310 CAPITAL PROJECT - REVENUE VEHICLE		117	117	FEPD L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TS-5103	SAFETY & SECURITY - MIN. 1% SET ASIDE		326	230	FUZ L	CP 22 CP 2	CP 22 CP 2	CP 22 CP 2	CP 22 CP 2							
						FUNDS AUTHORIZED IN PROGRESS											
FREIGHT RAIL PROJECTS																	
CSX SE LINE NEW HANOVER SW	P-5740 R170187	TIE AND RAIL REHABILITATION. IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CURVE RE-ALIGNMENTS AND UPGRADE SWITCH OPERATIONS. CLOSE AND IMPROVE VARIOUS EXISTING AT GRADE CROSSINGS.	13.0	45480	4080	T T DP	R 600		C 8471 C 23859	C 8470							
						DISCRETIONARY FUNDING PROVIDED FROM FEDERAL CRISI GRANT											

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
INTERSTATE PROJECTS																	
VARIOUS STATEWIDE SW	I-9999	INTERSTATE MAINTENANCE BALANCE.		451003		NHPIM						C 69588	C 85615	C 95800	C 100000	C 100000	
RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	5780	4180		T	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	
						T	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	
						T	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	
						DIV DIV	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.	684	384		T	PE 100 DIV										
						T	PE 100 REG										
						T	PE 100 SW										
						DIV DIV	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.										
						REG REG	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.										
						SW SW	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	27088	17088		T	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	
						T	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	
						T	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	
						DIV DIV	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						IN PROGRESS											
VARIOUS STATEWIDE DIV	M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.	3535	535		T	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	
						T	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	
						T	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	
						DIV DIV	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0534	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.		22000	2000	T	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	
						T	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	
						T	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	
						DIV DIV	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.										
						REG REG	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.										
						SW SW	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		12000	7000	T	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	
						T	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	
						T	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	
						DIV DIV	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
VARIOUS STATEWIDE	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		6758	4258	T	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	
						T	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	
						T	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	
						DIV DIV	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS										
SW						REG REG	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS										
						SW SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS										
VARIOUS STATEWIDE	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		2750	250	T	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	
DIV																	

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21841	12931	T	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	
						T	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	
						T	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 270 SW	PE 360 SW	PE 360 SW	PE 360 SW	
						DIV DIV	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						REG REG	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						SW SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						IN PROGRESS											
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		244131	244131												
						IN PROGRESS											
VARIOUS STATEWIDE	R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.		35062		FLTP C 35062											
EX						PROGRAM IN PROGRESS											
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		278058	278058												
						IN PROGRESS											
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		73915	43915	BG C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV		
						BG C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG		
						BG C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW		
						DIV DIV	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS										
						REG REG	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS										
						SW SW	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS										
						IN PROGRESS											
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		91242	91242												
						IN PROGRESS											
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20234	20234												
						IN PROGRESS											

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
RURAL PROJECTS																	
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		155559	145559	NHP	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
						NHP	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	
						NHP	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	
						T	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
						T	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	
						T	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	
						DIV DIV	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						REG REG	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						SW SW	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						IN PROGRESS											
FEASIBILITY STUDIES																	
VARIOUS STATEWIDE SW	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064	T	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	
BRIDGE PROJECTS																	
VARIOUS STATEWIDE DIV	B-8888	BRIDGE REPLACEMENT HOLDOUT.		162322		BGOFF	C 12031	C 21682	C 25157				C 26509	C 16943	C 30000	C 30000	
VARIOUS STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.		497354	257354	BG	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	
						BG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	
						BG	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	
						DIV DIV	BRIDGE INSPECTION PROGRAM.										
						REG REG	BRIDGE INSPECTION PROGRAM.										
						SW SW	BRIDGE INSPECTION PROGRAM.										
						IN PROGRESS											
VARIOUS STATEWIDE DIV	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		10918	10918												
						IN PROGRESS											
VARIOUS STATEWIDE DIV	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		12337	12337												
						UNDER CONSTRUCTION											

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HIGHWAY PROGRAM

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ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
BRIDGE PROJECTS																	
VARIOUS STATEWIDE DIV	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		2500	2500												
						IN PROGRESS											
VARIOUS STATEWIDE	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		32648	32648												
						DIV DIV	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
						REG REG	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
						SW SW	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
VARIOUS STATEWIDE DIV	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		6994	6994												
						UNDER CONSTRUCTION											
VARIOUS STATEWIDE DIV	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100												
						IN PROGRESS											
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500												
VARIOUS STATEWIDE	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		505525		HSIP	C 12750 DIV	C 12960 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	
						HSIP	C 12675 REG	C 12960 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	
						HSIP	C 16900 SW	C 17280 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	
						DIV DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										
						REG REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										
						SW SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										

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HIGHWAY PROGRAM

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ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5717	HIGHWAY SYSTEM DATA COLLECTION.		5000		HSIP	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	
						HSIP	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	
						HSIP	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	
						DIV DIV	HIGHWAY SYSTEM DATA COLLECTION.										
						REG REG	HIGHWAY SYSTEM DATA COLLECTION.										
						SW SW	HIGHWAY SYSTEM DATA COLLECTION.										
VARIOUS STATEWIDE	W-5716	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		55000		HSIP	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	
						HSIP	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	
						HSIP	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	
						DIV DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
						REG REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
						SW SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
VARIOUS STATEWIDE	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		22101	22101												
						DIV DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
						REG REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
						SW SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.										
VARIOUS STATEWIDE	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		3500	3500												
						DIV DIV	SIGNAL RETIMING TO IMPROVE SAFETY.										
						REG REG	SIGNAL RETIMING TO IMPROVE SAFETY.										
						SW SW	SIGNAL RETIMING TO IMPROVE SAFETY.										
						IN PROGRESS											
VARIOUS STATEWIDE	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		149943	130343	HSIP	R 420 DIV	R 420 DIV									
						HSIP	C 2520 DIV	C 2520 DIV									
						HSIP	R 420 REG	R 420 REG									
						HSIP	C 2520 REG	C 2520 REG									
						HSIP	R 560 SW	R 560 SW									
						HSIP	C 3360 SW	C 3360 SW									
						DIV DIV	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.										
						REG REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.										
						SW SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.										
						IN PROGRESS											

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000		HSIP	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	
						HSIP	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	
						HSIP	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	
						DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.									
						REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.									
						SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.									
CONGESTION MITIGATION PROJECTS																	
VARIOUS STATEWIDE	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		51751	41540	CMAQ	PE 817										
						S(M)	PE 204										
						CMAQ	R 817										
						S(M)	R 204										
						CMAQ	C 4901										
						S(M)	C 1226										
						CMAQ	O 817										
						S(M)	O 204										
						CMAQ	I 817										
						S(M)	I 204										
EX																	
VARIOUS STATEWIDE	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702												
EX							IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES										
VARIOUS STATEWIDE	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		1468		CMAQ	PE 118										
						L	PE 29										
						CMAQ	R 118										
						L	R 29										
						CMAQ	C 704										
						L	C 176										
						CMAQ	O 118										
						L	O 29										
						CMAQ	I 118										
						L	I 29										
EX																	

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HIGHWAY PROGRAM

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CONGESTION MITIGATION PROJECTS																	
VARIOUS STATEWIDE	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		2994	2994												
						EX A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS										
						EX B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS										
						EX C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.										
EX																	
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500												
EX																	
							IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY										
NORTH CAROLINA STATE UNIVERSITY STATEWIDE	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694												
						EX A	PHASE 2 OF IMPLEMENTATION										
EX																	
							IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY										
STATEWIDE STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000		CMAQ	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	
EX																	
ENHANCEMENT (ROADSIDE PROJECTS)																	
VARIOUS STATEWIDE	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264	3264	BG	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	
DIV																	
							IN PROGRESS										
VARIOUS STATEWIDE	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1412	712	T	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	
						T	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	
						T	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	
						DIV DIV	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										
						REG REG	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										
						SW SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										

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HIGHWAY PROGRAM

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SAFE ROUTES TO SCHOOLS PROJECTS																	
VARIOUS STATEWIDE	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL,TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435												
DIV																	
						IN PROGRESS											
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		16339	16339												
DIV																	
						IN PROGRESS - $200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C											
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.		13845	1845	TA	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
DIV																	
						IN PROGRESS											
VARIOUS STATEWIDE	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	BG	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	
DIV																	
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476												
TRN																	
						UNDER CONSTRUCTION											
VARIOUS STATEWIDE	EB-6033	SAFE ROUTES TO SCHOOL EDUCATION.															
DIV																	
						OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY. IN PROGRESS											
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.															
						IN PROGRESS											

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

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ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS STATEWIDE	EB-6037	RAILS TO TRAILS PROGRAM		38750		L TALT5 L	R 3750 R 15000				C 20000						
DIV																	
		LOCAL FUNDS REPRESENT LOCAL MATCH FOR RIGHT-OF-WAY AND CONSTRUCTION OF TRAILS BY LOCAL GOVERNMENTS.															
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408												
TRN																	
		IN PROGRESS - $182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E															
PUBLIC TRANSPORTATION PROJECTS																	
GREYHOUND LINES STATEWIDE	TI-6107	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU											
SD																	
GREYHOUND LINES STATEWIDE	TI-6108	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE VIA WILMINGTON ALONG US 70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA WILMINGTON ALONG US 17		4081	4081	FNU L											
SD																	
GREYHOUND LINES STATEWIDE	TI-6106	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU											
SD																	
GREYHOUND LINES STATEWIDE	TI-6105	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF L											
SD																	
NCDOT FERRY DIVISION STATEWIDE	TA-6535	CAPITAL		789	789	FNF S											
SD																	

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE SD	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	7049	FSPR	CP 600										
						S	CP 120										
						FUNDS AUTHORIZED IN PROGRESS											
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE SD	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH											
STATEWIDE STATEWIDE SD	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE		443	443	FNF											
STATEWIDE STATEWIDE SD	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		90863	36053	FNU	CP 5468	CP 5469	CP 5470	CP 5471	CP 5490	CP 5490	CP 5491	CP 5491			
						L	CP 684	CP 684	CP 684	CP 685	CP 687	CP 687	CP 687	CP 687			
						S	CP 684	CP 684	CP 684	CP 685	CP 687	CP 687	CP 687	CP 687			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TA-6666	5339 BUS AND BUS FACILITIES		60324	12355	FBUS	CP 4448	CP 4449	CP 4450	CP 5004	CP 5005	CP 5005	CP 5005	CP 5005			
						L	CP 556	CP 557	CP 557	CP 625	CP 626	CP 626	CP 626	CP 626			
						S	CP 556	CP 557	CP 557	CP 625	CP 626	CP 626	CP 626	CP 626			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TA-6712	REPLACEMENT OF TRANSIT VEHICLES MEETING USEFUL LIFE		7915	7915	CMAQ											
						L											
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TC-5004	5311 ADTAP		17751	7669	ADTAP	CP 1008	CP 1008	CP 1009	CP 1009	CP 1010	CP 1010	CP 1011	CP 1011			
						L	CP 115	CP 126	CP 127	CP 127	CP 127	CP 127	CP 127	CP 127			
						S	CP 115	CP 126	CP 127	CP 127	CP 127	CP 127	CP 127	CP 127			
						FUNDS AUTHORIZED IN PROGRESS											

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L											
STATEWIDE						S											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU											
STATEWIDE						L											
						S											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		1407	653	ADTAP	AD 92	AD 93	AD 93	AD 94	AD 94	AD 95	AD 96	AD 97			
STATEWIDE																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-6181	5311 ADMINISTRATIVE		204316	57488	FNU	AD 14681	AD 14681	AD 14682	AD 14682	AD 14683	AD 14683	AD 14684	AD 14684			
STATEWIDE						L	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753			
						S	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918			
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-4900Z	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	16730	FNU	AD 2820	AD 2840	AD 2860	AD 2880	AD 2900	AD 2920	AD 2940	AD 2960			
STATEWIDE																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC											
STATEWIDE						L											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TN-6125	5317 NEW FREEDOM		4756	484	FEP	O 410	O 420	O 430	O 440	O 450	O 460	O 470	O 480			
STATEWIDE						L	O 82	O 84	O 86	O 88	O 90	O 92	O 94	O 96			
SD																	

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE STATEWIDE SD	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU L											
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TO-6155	5311 OPERATING AND 5311 OPERATING F		173475	19155	FNU L	O 12790 O 6395	O 12810 O 6405	O 12830 O 6415	O 12850 O 6425	O 12870 O 6435	O 12890 O 6445	O 12910 O 6455	O 12930 O 6465			
STATEWIDE STATEWIDE SD	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU											
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TP-5154	5304 PLANNING		5724	588	FMPL L	PL 500 PL 100	PL 510 PL 102	PL 520 PL 104	PL 530 PL 106	PL 540 PL 108	PL 550 PL 110	PL 560 PL 112	PL 570 PL 114			
STATEWIDE STATEWIDE SD	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		31363	11365	FEPD L S	CP 1998 CP 250 CP 250	CP 1998 CP 250 CP 250	CP 1999 CP 250 CP 250	CP 1999 CP 250 CP 250	CP 2000 CP 250 CP 250	CP 2000 CP 250 CP 250	CP 2000 CP 250 CP 250	CP 2002 CP 251 CP 251			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		26692	11986	FEPD L	O 918 O 918	O 918 O 918	O 919 O 919	O 919 O 919	O 919 O 919	O 920 O 920	O 920 O 920	O 920 O 920			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TS-7001	5329 STATE SAFETY AND OVERSIGHT		5192	516	FED L S	AD 689 AD 155	AD 689 AD 155	AD 689 AD 155	AD 345 AD 69	AD 345 AD 69	AD 345 AD 69	AD 346 AD 70	AD 346 AD 70 AD 70			
STATEWIDE STATEWIDE SD	TS-7000	DEVELOP AMD IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO											

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY / COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE STATEWIDE SD	TS-4900Z	STATEWIDE RTAP		6787	2707	RTAP	AD 440	AD 460	AD 480	AD 500	AD 520	AD 540	AD 560	AD 580			
							FUNDS AUTHORIZED IN PROGRESS										
STATEWIDE STATEWIDE SD	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF S											
							FUNDS AUTHORIZED IN PROGRESS										
SUB REGIONAL STATEWIDE SD	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	5092	JARC	AD 500										
							FUNDS AUTHORIZED IN PROGRESS										
SUB REGIONAL STATEWIDE SD	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3920	FNF	AD 350										
							FUNDS AUTHORIZED IN PROGRESS										
SUB REGIONAL STATEWIDE SD	TV-4903	5310 STATE ADMIN		11315	6919	FEPD	AD 541	AD 545	AD 545	AD 545	AD 550	AD 550	AD 560	AD 560			
							FUNDS AUTHORIZED IN PROGRESS										
PASSENGER RAIL PROJECTS																	
VARIOUS STATEWIDE	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		14170	4170	T T T	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	
							DIV DIV STATEWIDE RAIL PRELIMINARY ENGINEERING REG REG STATEWIDE RAIL PRELIMINARY ENGINEERING SW SW STATEWIDE RAIL PRELIMINARY ENGINEERING										
							IN PROGRESS										
VARIOUS STATEWIDE DIV	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31944	1944	RR RR	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	
							IN PROGRESS										

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

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

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

Tuesday, August 27, 2019

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

NON-HIGHWAY PROGRAM

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

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

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

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

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

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

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

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

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

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

_____

David Piepmeyer, Chair

_____

Mike Kozlosky, Secretary

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

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

* EB-6037	VARIOUS, RAILS TO TRAILS PROGRAM	STATEWIDE	RIGHT OF WAY	FY 2019 - $8,000,000 (TALT5)
STATEWIDE	***PROJECT ADDED TO REFLECT NEW PROGRAM.***	PROJECT		FY 2019 - $2,000,000 (L)
PROJ.CATEGORY				FY 2020 - $2,000,000 (TALT5)
DIVISION				FY 2020 - $500,000 (L)
			CONSTRUCTION	FY 2024 - $10,000,000 (L)
				$22,500,000

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

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

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

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

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

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

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

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

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

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

_____

David Piepmeyer, Chair

_____

Mike Kozlosky, Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

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

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

W I T N E S S E T H

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(This space is left intentionally blank)

CITY OF WILMINGTON

_____
Bill Saffo, Mayor

ATTEST:

_____
Penelope Spicer-Sidbury, City Clerk [SEAL]

Approved as to form:

_____
John Joye, City Attorney

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

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

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

_____
Notary Public

My commission expires: _____

CERTIFICATION

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

This ___ day of _____, 20____.

_____
Jennifer Maready, City Finance Officer

Project Number: ___MP1920_____ (if applicable)
Account Number: ___021-2753-442.31-60
Amount of Contract: $__Not to Exceed56,000
Federal ID Number: ____56_6000239_____

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

By: _____
Honorable David Piepmeyer, Chair

Attest: _____
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

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

WITNESS my hand and official seal, this ___ day of _____, 2019.

_____ (Seal)
Notary Public
My commission expires: _____.

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

By: _____
Chairman

Attest: _____
Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

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

Witness my hand and official seal, this the ____ day of _____, 2019.

_____ (Seal)
Notary Public
My Commission Expires: _____.

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

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

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

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

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

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

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

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

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

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

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

_____

David Piepmeyer, Chair

_____

Mike Kozlosky, Secretary

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

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

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

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

* W-5803SW BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON PROJ.CATEGORY STATEWIDE	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3. ***ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.***		RIGHT-OF-WAY CONSTRUCTION	FY 2020 - $30,000 (HSIP) FY 2021 - $30,000 (HSIP) FY 2022 - $30,000 (HSIP) FY 2020 - $180,000 (HSIP) FY 2021 - $180,000 (HSIP) FY 2022 - $180,000 (HSIP) $630,000
W-5715DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	CONSTRUCTION	FY 2020 - $450,000 (HSIP) FY 2021 - $450,000 (HSIP) FY 2022 - $450,000 (HSIP) FY 2023 - $450,000 (HSIP) FY 2024 - $450,000 (HSIP) FY 2025 - $450,000 (HSIP) FY 2026 - $450,000 (HSIP) FY 2027 - $450,000 (HSIP) FY 2028 - $450,000 (HSIP) FY 2029 - $450,000 (HSIP) $4,500,000
* W-5715REG STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	CONSTRUCTION	FY 2020 - $450,000 (HSIP) FY 2021 - $450,000 (HSIP) FY 2022 - $450,000 (HSIP) FY 2023 - $450,000 (HSIP) FY 2024 - $450,000 (HSIP) FY 2025 - $450,000 (HSIP) FY 2026 - $450,000 (HSIP) FY 2027 - $450,000 (HSIP) FY 2028 - $450,000 (HSIP) FY 2029 - $450,000 (HSIP) $4,500,000

* W-5715SW STATEWIDE PROJ.CATEGORY STATEWIDE	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	CONSTRUCTION	FY 2020 - $600,000 (HSIP) FY 2021 - $600,000 (HSIP) FY 2022 - $600,000 (HSIP) FY 2023 - $600,000 (HSIP) FY 2024 - $600,000 (HSIP) FY 2025 - $600,000 (HSIP) FY 2026 - $600,000 (HSIP) FY 2027 - $600,000 (HSIP) FY 2028 - $600,000 (HSIP) FY 2029 - $600,000 $6,000,000
* W-5716DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $1,650,000 (HSIP) FY 2021 - $1,650,000 (HSIP) FY 2022 - $1,650,000 (HSIP) FY 2023 - $1,650,000 (HSIP) FY 2024 - $1,650,000 (HSIP) FY 2025 - $1,650,000 (HSIP) FY 2026 - $1,650,000 (HSIP) FY 2027 - $1,650,000 (HSIP) FY 2028 - $1,650,000 (HSIP) FY 2029 - $1,650,000 (HSIP) $16,500,000
* W-5716REG STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS, SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $1,650,000 (HSIP) FY 2021 - $1,650,000 (HSIP) FY 2022 - $1,650,000 (HSIP) FY 2023 - $1,650,000 (HSIP) FY 2024 - $1,650,000 (HSIP) FY 2025 - $1,650,000 (HSIP) FY 2026 - $1,650,000 (HSIP) FY 2027 - $1,650,000 (HSIP) FY 2028 - $1,650,000 (HSIP) FY 2029 - $1,650,000 (HSIP) $16,500,000

* W-5716SW STATEWIDE PROJ.CATEGORY STATEWIDE	VARIOUS, SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $2,200,000 (HSIP) FY 2021 - $2,200,000 (HSIP) FY 2022 - $2,200,000 (HSIP) FY 2023 - $2,200,000 (HSIP) FY 2024 - $2,200,000 (HSIP) FY 2025 - $2,200,000 (HSIP) FY 2026 - $2,200,000 (HSIP) FY 2027 - $2,200,000 (HSIP) FY 2028 - $2,200,000 (HSIP) FY 2029 - $2,200,000 (HSIP) $22,000,000
* W-5717DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $150,000 (HSIP) FY 2021 - $150,000 (HSIP) FY 2022 - $150,000 (HSIP) FY 2023 - $150,000 (HSIP) FY 2024 - $150,000 (HSIP) FY 2025 - $150,000 (HSIP) FY 2026 - $150,000 (HSIP) FY 2027 - $150,000 (HSIP) FY 2028 - $150,000 (HSIP) FY 2029 - $150,000 (HSIP) $1,500,000

* W-5717REG STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $150,000 (HSIP) FY 2021 - $150,000 (HSIP) FY 2022 - $150,000 (HSIP) FY 2023 - $150,000 (HSIP) FY 2024 - $150,000 (HSIP) FY 2025 - $150,000 (HSIP) FY 2026 - $150,000 (HSIP) FY 2027 - $150,000 (HSIP) FY 2028 - $150,000 (HSIP) FY 2029 - $150,000 (HSIP) $1,500,000
* W-5717SW STATEWIDE PROJ.CATEGORY STATEWIDE	VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. ***PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.***	STATEWIDE	ENGINEERING	FY 2020 - $200,000 (HSIP) FY 2021 - $200,000 (HSIP) FY 2022 - $200,000 (HSIP) FY 2023 - $200,000 (HSIP) FY 2024 - $200,000 (HSIP) FY 2025 - $200,000 (HSIP) FY 2026 - $200,000 (HSIP) FY 2027 - $200,000 (HSIP) FY 2028 - $200,000 (HSIP) FY 2029 - $200,000 (HSIP) $2,000,000

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

ARTICLE I - NAME

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

ARTICLE II - PURPOSE AND DEFINITIONS

The purposes of the Go Coast Committee are as follows:

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

The definitions of pertinent terms are as follows:

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

ARTICLE Ill - MEMBERS

Section I- Qualifications:

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

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

Section II- Terms of Committee Membership:

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

Section Ill -Alternates:

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

ARTICLE IV - OFFICERS

Section 1- Officers Defined:

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

Section Ill- Elections

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

ARTICLE V - MEETINGS

Section I -Meetings:

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

Section ll- Quorums and Majority Vote:

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

Section III- Attendance:

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

ARTICLE VI -VOTING PROCEDURES

Section I - Majority Votes:

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

Section II- Agenda:

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

ARTICLE III - AMENDMENTS TO BYLAWS

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

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

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

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

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

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

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

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

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

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

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

_____

David Piepmeyer, Chair

_____

Mike Kozlosky, Secretary

WILMINGTON URBAN AREA MPO
OCTOBER 2019

2045 METROPOLITAN TRANSPORTATION PLAN

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

Next Steps:

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

SITE DEVELOPMENT REVIEW

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

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

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

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

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE
Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

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

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP
Project Descriptions/Scope: This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

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

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Complete final design package and submit to NCDOT for review– Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring2021
- Complete Construction – Spring 2022

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

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

Project Status and Next Steps:

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

- Town to request additional funding from MPO in November

U-5534J – TOWN OF LELAND- OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP
Project Descriptions/Scope: The construction of sidewalks in three locations: 1) The construction of an 8 foot concrete sidewalk along Village Road from Town Hall Drive to the apartment complex and widening the existing 5 foot sidewalk in front of the apartment complex to 8 feet. 2) The construction of a 6 foot sidewalk along Town Hall Drive from Village Road NE to the sidewalk that exists by the new Town Hall. 3) The construction of a 5 foot sidewalk along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

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

U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK
Project Descriptions/Scope: The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

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

U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK
Project Description/Scope: The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

Project Status and Next Steps:
- Construction to begin October 14, 2019

U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS
Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:
- The project has been put on hold until NCDOT's College Road resurfacing project occurs
- An agreement was sent to NCDOT in early August for execution.

U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS
Project Descriptions/Scope: The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

Project Status and Next Steps:

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

U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION
Project Description/Scope: This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

Project Status and Next Steps:

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

U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH
Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:

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

EB-6025- TOWN OF BELVILLE- RICE HOPE MULTI-USE PATH
Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:

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

TASA-DA

U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES
Project Descriptions/Scope: This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

Project Status and Next Steps:

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

- City staff working to set up preconstruction meeting

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

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

Project Status and Next Steps:

- R/W Certification received July 1, 2019
- Utility/RR Cert & Engineers estimate submitted September17, 2019
- Specification comments received September 18, 2019
- Anticipated construction bid Fall 2019

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

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

Project Status and Next Steps:

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

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

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

EB-6028 —CITY OF WILMINGTON- 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:

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

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

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

Project Status and Next Steps:

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

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Project Status and Next Steps:
Initiatives

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

Cape Fear Public Transportation Authority

Project Update

October 2019

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - FTA funding in the amount of $3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Four buses were delivered in June 2019 and three were delivered in September 2019. All seven vehicles have been delivered and placed into revenue service. Bus fleet project is complete.
   On February 28, 2019 the Authority authorized $879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Production has been delayed by the engine manufacturer. An assembly line inspection was undertaken in October 2019 and both vehicles were on the production line. Vehicle delivery is expected in October 2019.
   The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.
   Five paratransit vehicles, ordered in 2018, were delivered in April 2019 and have been placed into revenue service. Paratransit vehicle project is complete.
   Additional funding for four buses will be requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. An application for four (4) CNG buses was submitted in response to the RFP. Funded projects are expected to be announced before the end of calendar year 2019.

2. **Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.
   Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The SRTP was adopted by the Authority Board in 2018 and is available at the following URL: https://www.wavetransit.com/short-range-transit-plan/.

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

3. **Long Term Funding** - currently the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners. One of the recommendations from the study was implementation of a dedicated source of funding for the Cape Fear Public Transportation Authority.
   On March 28, 2019 the Authority Board unanimously adopted a resolution requesting the New Hanover County Commissioners implement a countywide vehicle registration fee pursuant to NCGS Chapter 105 Article 52 with the proceeds benefiting public transportation in New Hanover County. Local funding for Wave Transit is nearing a critical stage and an immediate response is required to avoid significant service reductions.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of $2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to $1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.
   Phase 1 consisting of hazardous materials abatement and demolition is complete.
   Phase 2 consisting of building stabilization is complete.
   Phase 3 consisting of renovation construction was let for bidding on February 14, 2018.
   Phase 3A (final phase) consisting of sitework was authorized on April 25, 2019.
   Renovation construction of the Neuwirth Building began on December 03, 2018. Neuwirth Building renovation construction is approximately 95% complete. Sitework, including stormwater management and bus drive aisles is underway. Substantial completion of the entire project is estimated to occur on November 18, 2019.

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

Projects in Development

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

Project is on hold	

Date Completed: 9/27/2019
PO: WMPO
Contact: Caitlin Marks
cmmarks@ncdot.gov
910-341-2000

Projects Under Construction

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

Resurfacing

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 2019

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

OCTOBER TPD UPDATES WILMINGTON MPO

OCTOBER 2019

New Business:

Brunswick County Model: Currently working on Future Year Analysis.

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

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

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

FHWA News

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

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING BRANCH
1554 MAIL SERVICE CENTER
RALEIGH NC 27699-1554

Telephone: (919) 707-0900
Fax: (919) 733-9794
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

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

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

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

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

Old Business:

North Carolina Zero Emission Vehicle Plan:
On October 29, 2018, Governor Roy Cooper signed into law Executive Order No. 80. "North Carolina's Commitment to Address Climate Change and Transition to a Clean Energy Economy." It is a statewide initiative. In response to the executive order, NCDOT has started formulating additional strategies that seek to ensure it is better prepared to adapt to a changing environment. One of the strategies is to encourage more people to register and drive zero-emission vehicles. North Carolina Zero Emission Vehicle "ZEV" Plan is North Carolina's plan to get 80,000 All-Electric or "Zero Emission Vehicles" on the road by 2025.
Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV: https://nczevplan.metroquest.com/
A draft action plan will be completed by June 2019. There will be a statewide public comment period on the draft action plan July to August 2019. The final action plan will be submitted to the governor in October 2019.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Safety Insights: (Article from FHWA Human Environment Digest 6/13/19)
Study Reveals Bicycle Lanes Reduce Fatalities for All Road Users
The University of Colorado Denver conducted a 13-year longitudinal study (https://www.sciencedaily.com/releases/2019/05/190529113036.htm) that found bicycle infrastructure decreases fatalities for all road users. The study noted that bicycling infrastructure—specifically separated and protected bicycle lanes—leads to fewer fatalities and better road-safety outcomes for all road users. The study also reinforces the importance of building bicycle networks to increase safety
Study Analyzes Different Types of Bicycle Crashes at Local, State, and National Levels
Researchers at the University of North Carolina and Arizona State University published a joint paper that investigates the circumstances influencing both fatal and disabling bicycle crashes. The research found that the majority of bicycle crashes occur at intersections; however, data from North Carolina and Boulder, Colorado show that most fatal and disabling bicycle crashes occur at non-intersection locations, including crashes resulting from collisions

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