

305 Chestnut Street PO Box 1810 Wilmington, NC 28402 Ph: (910) 341-3258 Fax: (910) 341-7801 www.wmpo.org

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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members

FROM: Mike Kozlosky, Executive Director

DATE: August 8, 2019 **SUBJECT:** August 14th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, August 14, 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) Consent Agenda
 - a. Approval of TCC Meeting Minutes-July 17, 2019
 - b. Resolution approving FY 2019-2020 Unified Planning Work Program Amendment #2 for the Rail Trail Master Plan
 - c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-3
 - d. Opening 30-day public comment period for 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-4
- 4) Discussion
 - a. Wilmington Urban Area Metropolitan Planning Organization Board's Draft Rules of Procedure
 - b. Prioritization 6.0
 - c. 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4
 - d. Revised Draft 2020-2029 State/MPO Transportation Improvement Program
 - e. Cape Fear Public Transportation Authority's request for FY 20 Surface Transportation Block Grant- Direct Attributable Funding
- 5) Updates
 - a. Crossing over the Cape Fear River
 - b. Wilmington Urban Area MPO
 - c. Cape Fear Public Transportation Authority
 - d. NCDOT Division
 - e. NCDOT Transportation Planning Division

Wilmington Urban Area Metropolitan Planning Organization

- 6) Announcements
 - a. Bike/Pedestrian Committee Meeting- September 10th
- 7) Next meeting- September 11, 2019

Attachments:

- TCC Meeting Minutes- July 17, 2019
- Proposed FY 2019-2020 Unified Planning Work Program Amendment #2
- Resolution approving FY 2019-2020 Unified Planning Work Program Amendment #2 for the Rail Trail Master Plan
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-3
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-3
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-4
- Wilmington Urban Area Metropolitan Planning Organization Board's Draft Rules of Procedure
- Prioritization 6.0 Scoring Criteria, Weights, and Normalization for All Modes
- Prioritization 6.0 Schedule
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4
- Revised Draft 2020-2029 State/MPO Transportation Improvement Program
- Request from the Cape Fear Public Transportation Authority for Fiscal Year 2020 Surface Transportation Block Grant- Direct Attributable Funding
- Cape Fear River Crossing Update (August)
- Wilmington Urban Area MPO Project Update (August)
- Cape Fear Public Transportation Authority Update (August)
- NCDOT Division Project Update (August)
- NCDOT Transportation Planning Division Project Update (August)

Wilmington Urban Area Technical Coordinating Committee Wednesday, July 17, 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
Dylan McDonnell, New Hanover County
Granseur Dick, Wilmington International
Airport
Cheryl Page, Town of Belville
Ashli Barefoot, Town of Leland

Barnes Sutton, Town of Navassa
Travis Henley, Pender County
Allen Serkin, Cape Fear Council of
Governments
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 10:00 a.m.

2) Approval of the Agenda

Mr. Serkin made a motion to approve the agenda as presented, seconded by Mr. Henley, and the motion carried unanimously.

3) Presentation

a. Go Coast Annual Report - Nick Cannon, WMPO

Mr. Cannon gave the annual report of Go Coast Program, which included the following:

- **Commuter Friendly Employer Program** new initiative to recognize employers who offer incentives for alternate transportation
- Be A Looker Campaign (April September) 200 pledges
- Commuter Challenge (October) 723 participants; several thousand trips; more than 26,000 miles, more than 18,000 pounds of CO₂ emissions reduced
- River to Sea Bike Ride (May) 400 participants, most to date
- Bike to Work Week 68 recorded participants
- **Bike Share** City of Wilmington signed an agreement in May with Zagster, which is currently seeking title sponsors to fund the program
- Marketing >1,500 likes and >1,000 followers on Instagram
- Go Coast Committee 16 members, meets quarterly
- Go Coast Web Site currently under development

A brief question/answer and discussion period was held regarding the Bike Share Program.

b. <u>Bike/Pedestrian Web Application – Michael Madsen, WMPO</u>

Mr. Madsen gave an overview of the Bike/Pedestrian Web Application, which was developed in response to the needs of member jurisdictions, the Bike/Pedestrian Advisory Committee and the Go Coast Committee. He stated that the web app shows Bike/Pedestrian facilities for the WMPO region. He noted that the app is interactive and mobile friendly, allowing users to zoom in and out to for data on each facility including parks, hiking and biking trails, sidewalks and

crosswalks. He added that more trails and parks can be added easily to the application.

Mr. Madsen stated that data is collected in various formats from member jurisdictions. He noted that an intern will be hired soon to assist staff in identifying, collecting and streamlining any missing data. He added that the data will be centralized and accessible for download from the WMPO web portal page.

A brief question/answer and discussion period was held.

Ms. Barefoot expressed appreciation for the data support.

Mr. Kozlosky expressed regret that this would be Mr. Madsen's last meeting, since he has accepted a position with NCDOT.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes May 15, 2019
- b. Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization's Title VI Program Plan
- c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-3

Ms. Barefoot requested to pull Item 4b (Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization's Title VI Program Plan) for further consideration.

Ms. Barefoot made a motion to approve the Consent Agenda, Item 4a and Item 4c, and to forward these items to the MPO Board for consideration. Mr. Bennett seconded the motion, and it carried unanimously.

Ms. Barefoot requested to add her name, Ashli Pirozzi as the Leland TCC member in the Title VI Program Plan. She made a motion to approve as amended the Resolution adopting that Wilmington Urban Area Metropolitan Planning Organization's Title VI Program Plan. Ms. Avery seconded the motion and it carried unanimously.

5) Regular Agenda

a. Resolution approving the naming of the NC Ferry Division Tugs

Mr. Kozlosky stated that the Ferry Division has a tradition of naming tugs after cities and regions, and has requested that MPOs and RPOs support resolutions approving the proposed names of tugs. He noted that the name proposed for the tug in this region is "The Cape Fear."

Mr. Serkin made a motion to approve the Resolution approving the naming of the NC Ferry Division Tugs. Ms. Avery seconded the motion, and it carried unanimously.

b. Resolution approving the allocation of 2020-2021 Surface Transportation Block Grant- Direct Attributable and Transportation Alternatives- Set Aside Funding for the Wilmington Urban Area Metropolitan Planning Organization Ms. Kimes stated that the MPO recently closed its call for projects for Transportation Alternatives Set Aside (TASA) and Surface Transportation Block Grant (STBG) program funds. She noted that the following projects were proposed:

TASA:

1. Town of Carolina Beach/NCDOT - US 421 Lake Park/Hamlet Avenue Intersection Improvements

STBG:

- City of Wilmington/New Hanover County Fire/New Hanover Regional Medical Center – traffic signal preemption, expanding the system to create main corridors on Market Street, Carolina Beach Road, and College Road to allow for quicker response times and facilitate access to the hospital
- 2. Town of Wrightsville Beach West Salisbury Street Streetscape
- 3. City of Wilmington Wilmington Multi Modal Center Phase 1b for additional office space
- 4. Town of Carolina Beach St Joseph/Lewis Drive Bike Lanes
- 5. The Friends of the Wilmington Rail Trail Wilmington Rail Trail: Phase 1 Development

Ms. Kimes stated that staff recommends approval for all proposed projects except the Phase 1 Development Project proposed for the Wilmington Rail Trail project downtown, which is more of a feasibility study than a construction project. She requested a discussion for moving forward with the proposal and suggested that funds might be flexed to Planning Funds PL104(f) for a master plan study of the entire corridor.

A brief question/answer and discussion period was held.

Ms. Kimes expressed concerns that the two-year program would leave unspent funds of \$202,000 in TASA and \$2.7 million in STBG, which includes the Omnibus funds and the extra \$1.5 million project funds traded with NCDOT. She advised that the TASA funds should be spent first, and recommended that any STBG projects that qualify be shifted to TASA.

A discussion was held. Ms. Marks commented that the three-month call was adequate. Mr. Haire expressed concerns regarding the call for projects competing with municipal budget preparation. Mr. Serkin suggested an open call when funds are not fully expended. Ms. Kimes reminded members that TASA funds (\$233,000) require a competitive process; and STBG funds do not. It was the consensus of the group to propose an additional call for projects for noncompetitive funds when available.

Following further discussion, Ms. Avery made a motion to approve the Resolution approving the allocation of 2020-2021 Surface Transportation Block Grant- Direct Attributable and Transportation Alternatives Set Aside funding for the Wilmington Urban Area Metropolitan Planning Organization. Mr. Bennett seconded the motion, and it carried unanimously.

6) Discussion

a. Cape Fear Moving Forward 2045 Red-Line Analysis

Ms. Leta Huntsinger, WSP, gave an overview of project costs, data sources, and funding amounts. She stated that in addition to project details provided by staff, cost estimation tools were provided by NCDOT for the Roadway and

Bicycle/Pedestrian modes to estimate construction costs. For the other modes, historic information was available from NCDOT through the State Transportation Improvement Plan (STIP), WAVE Transit and the airport in the form of their capital improvement programs.

Ms. Huntsinger stated that right-of-way costs are typically determined by averaging land value. However, due to the variety of land values within the region, tax data was reviewed to separate them into districts of average values by land use type – residential, commercial and undeveloped.

Ms. Huntsinger stated that the projects were sorted into five-year increments and adjusted for increased costs over time. She noted that cost estimates for light rail have been included separate from the Wilmington Rail Realignment project. She added that light rail is a special case that was not included in the overall estimation.

Ms. Huntsinger gave an overview of alternative funding sources. She stated that after further research several alternates were stricken due to lack of viability. She noted that the remaining alternate funding sources in 2020 dollars over the life of the plan include the following:

- Quarter-cent (¼ ¢) Local Option Sales Tax (General Transportation or Transit) – noting that only portions of Brunswick and Pender County within the MPO would apply – \$6.12 million
- Driver's License Tax (\$5 annual fee) noting data challenges regarding the number of registered vehicles – \$25 million
- Vehicle Registration Fee (\$7 per vehicle) also noting data challenges regarding the number of registered vehicles – \$40 million
- **Vehicle Rental Tax (5%)** noting the current lack of Brunswick and Pender rental facilities **\$29 million**
- Bicycle Registration (\$10 annually) noting the difficulty in estimating bicycle ownership – \$7 million (conservative estimate)

In response to an inquiry by Mr. Kozlosky, Ms. Huntsinger stated that she did not research bonding revenue. In addition, none of the project specific sources such as STI or tolls were researched. She commented that alternate funding sources are for a later discussion after the fiscally constrained list has been established.

In response to an inquiry by Mr. Cannon, Ms. Huntsinger stated that in more recent years, the state legislature has made impact fees more difficult. She commented that although marina and dockage fees are already in use, their use is currently unknown. She speculated that they would be less viable for regional transportation projects, as would those that capture tourism dollars. Additionally, she advised that only sources backed by local elected officials be recommended.

Mr. Bennett pointed out that the citizens of Wilmington have responded favorably to funding transportation needs.

Ms. Lorenzo gave an overview of the process for project selection leading up to the redline lists. She stated that WSP provided 2020 cost estimates for the ranked projects. In addition, a 3% inflation factor was applied for out years in five-year increments from 2025 through 2045. She noted that the projects have been color-coded to categorize projects as funded, fiscally constrained, and unfunded. She added that comments by the Citizens Advisory Committee (CAC) have also been included.

In response to an inquiry by Mr. Serkin regarding remaining fund balances, Ms. Lorenzo stated that funding is specific to each mode.

Mr. Dick pointed out that Aviation is more dependent on carriers adding services and industry-wide security changes than on transportation or tourism growth trends across the region. He noted that projections beyond five years focus more on maintenance and life cycles. He added that a buffer is appreciated to help address changes.

Mr. Serkin expressed concerns regarding the list being representative of the likelihood of (Direct Attributable) funding sources. Mr. Kozlosky responded that these projects are eligible for DA funding. He noted that the intention is to cross projects off the list rather than to add to the list.

Ms. Lorenzo pointed out that the project at the top of the Bike/Pedestrian list is ranked eighth. She noted that that the CAC suggested placing an emphasis on Bike/Pedestrian projects that cost \$5 million or less, as well as multi-use paths, and bike paths not on high-traffic corridors.

Ms. Lorenzo continued with an overview of the modal project lists. She stated that staff was able to identify funding for the list of Ferry projects by reworking project costs.

In response to an inquiry by Mr. Serkin, Ms. Lorenzo stated that the Southport facility is needed to be a shared facility, although outside the MPO's boundaries.

Ms. Lorenzo pointed out that some of the larger freight/rail projects, such as the Wilmington Rail Realignment and the re-establishment of the Wallace to Castle Hayne rail line, will require alternative funding sources such as grants. She noted that the CAC expressed a desire to separate passenger/light rail projects from Public Transportation projects due to the lack of historical data.

In response to an inquiry by Mr. Kozlosky, Ms. Lorenzo stated that Multi-modal Center, Phase 1B was pulled from the list. She noted that DA funds were not included in the financial forecast for Public Transportation. Although, DA funds have been given to WAVE for operational and maintenance purposes in the past.

Ms. Lorenzo stated that the CAC requested to include RW-160, Lanvale and Old Fayetteville Road Intersection Improvements, and RW-78, Old Fayetteville Road Widening. In order to accommodate them, staff removed RW-214, ranked 12th, Airlie Road/Eastwood Road Intersection Improvements. She added that the fiscally constrained project list includes a high-rise bridge to Wrightsville Beach.

Ms. Marks stated that NCDOT is improving the Lanvale and Old Fayetteville signal through high-impact/low-cost funds.

Mr. Serkin pointed out that these lists may need to be revised when the State Transportation Improvements Program (STIP) is adopted.

Ms. Lorenzo responded that the draft STIP has informed the project lists thus far.

Mr. Kozlosky stated that staff should know more in two weeks when the Board meets. He noted that NCDOT will present the draft to the Board in August, with final consideration to follow in September.

Ms. Lorenzo reminded the Committee that this red-line analysis is merely for discussion, and that a final version would be brought back in August.

Mr. Henley pointed out that the US 17 Super Street (U-5732) was not submitted as part of the corridor listed in committed projects; but as an extension from the northern end of U-5732 to the MPO boundary.

In response to an inquiry by Mr. Serkin, Mr. Kozlosky stated that the Rail Realignment would be included in the discussion regarding alternate funding sources after the red-line analysis is approved.

b. <u>2018-2027 STIP/MPO Transportation Improvement Program Administrative</u> Modification #19-3

Mr. Kozlosky stated that this item is for informational purposes only, and will be brought back during the next meeting of the TCC for approval.

7) Updates

Updates are included in the agenda packet.

8) Announcements

- a. <u>Independence Boulevard Extension Public Meeting Rachel Freeman</u> Elementary School, July 22nd
- b. N.C. 133 (Castle Hayne Rd) widening from I-140/U.S. 17 (Wilmington Bypass) to Division Drive Public Meeting- WAVE facility, Castle Hayne Road, July 25th
- c. Bike/Pedestrian Committee Meeting: August 13th
- d. Next TCC meeting: August 14th

9) Additional Items

Mr. Kozlosky

10) Adjournment

With no further items, the meeting was adjourned at 11:37 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.



305 Chestnut Street PO Box 1810 Wilmington, NC 28402 Ph: (910) 341-3258 Fax: (910) 341-7801 www.wmpo.org

FY 2019-2020 Unified Planning Work Program Amendment #2 – STBGP-DA August 28, 2019

<u>III-D-3 Special Studies</u> – Increase STBGP-DA funds by \$40,000 for the completion of the Rail Trail Master Plan Special Study.

<u>III-D-3 Special Studies</u> – Increase STBGP-DA local funds by \$10,000 for the completion of the Rail Trail Master Plan Special Study.

Wilmington Urban Area Metropolitan Planning Organization

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Wilmington Urban Area Metropolitan Planning Organization FY2020 Unified Planning Work Program (Amendment #2) Approved August 28, 2019

		SFC. 1	SEC. 104 (f) PI	5	SECTION 5303		STRGP-DA	P-DA	MOT	-		TASKE	TASK ELINDING SLIMMARY	'RY
TASK	TASK	Highwa	Highway / Transit	Tra	Transit / Highway		Highway	Highway / Transit	Transit	sit				
CODE	DESCRIPTION	LOCAL 20%	FHWA 80%	LOCAL 10%	NCDOT 10%	FTA 80%	LOCAL 20%	FHWA 80%	LOCAL 50%	NCDOT 50%	LOCAL	NCDOT	FEDERAL	TOTAL
4 -	SURVEILLANCE OF CHANGE													
II-A-1	Traffic Volume Counts	10,600	42.400								10.600		42.400	53.000
II-A-2	Vehicle Miles of Travel	50									50		200	250
II-A-3	Street Systems Changes													
II-A-4	Traffic Accidents	20	200								20		200	250
II-A-5	Transit System Data	1,100	4,400	1,200	1,200	009'6					2,300	1,200	14,000	17,500
II-A-6	Dwelling Unit, Pop. & Emp. Change	800	3,200								800		3,200	4,000
II-A-7	Air Travel													
II-A-8	Vehicle Occupancy Rates													
II-A-9	Travel Time Studies	20	200								20		200	250
II-A-10	Mapping	5,077	20,307				2,890	23,562			10,967		43,869	54,836
II-A-11	Central Area Parking Inventory													
II-A-12	Bike & Ped. Facilities Inventory	800	3,200								800		3,200	4,000
II-B	LONG RANGE TRANSPORTATION PLANNING													
II-B-1	Collection of Base Year Data													
II-B-2	Collection of Network Data													
II-B-3	Travel Model Updates	20	200								20		200	250
II-B-4	Travel Surveys													
II-B-5	Forecast of Data to Horizon year													
II-B-6	Community Goals & Objectives	4,200	16,800	400	400	3,200					4,600	400	20,000	25,000
II-B-7	Forecast of Futurel Travel Patterns													
II-B-8	Capacity Deficiency Analysis	1,200	4,800								1,200		4,800	9000'9
II-B-9	Highway Element of th LRTP	4,800	19,200								4,800		19,200	24,000
II-B-10	Transit Element of the LRTP	400	1,600	400	400	3,200					800	400		000'9
II-B-11	Bicycle & Ped. Element of the LRTP	4,000	16,000								4,000		16,000	20,000
II-B-12	Airport/Air Travel Element of LRTP	1,000	4,000								1,000		4,000	5,000
II-B-13	Collector Street Element of LRTP	009	2,400								009		2,400	3,000
II-B-14	Rail, Water or other mode of LRTP	1,000	4,000								1,000		4,000	5,000
II-B-15	Freight Movement/Mobility Planning	1,200	4,800								1,200		4,800	000'9
II-B-16	Financial Planning	400	1,600	800	800	6,400					1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	2,000	8,000								2,000		8,000	10,000
II-B-18	Air Qual. Planning/Contormity Anal.													
V	DI ANNINIO WOOD ON ANA	100	200								VCC		200	0000
ī	WASHING WORK THOUSE AND	1.77	060								+77		060	1,120
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	200	2,000								200		2,000	2,500
III-C	CVL RGTS. CMP./OTR. REG. REQS.													
III-C-1	Title VI	100	400	800	800	6,400					006	800	6,800	8,500
III-C-2	Environmental Justice	009	2,400								009		2,400	3,000
⊪-C-3	Minority Business Enterprise	100	400	800	800	6,400					006	800	6,800	8,500
III-C-4	Planning for the Elderly & Disabled	20	200								20		200	250
	Sarety/Drug Control Planning	000	000	CCG	000	000					000	000	14.400	1000
-۱۱۱-۲-۵	Public Involvement	2,000	8,000	800	800	6,400					2,800	800	14,400	18,000
III-C-7	Private Sector Participation	250	1,000								250		1,000	1,250
3	INCIDENTAL PLNG. /PROJECT DEV.													
-D-1	Transportation Enhancement Plug.													
III-D-2	Enviro. Analysis & Pre-TIP Plng.	100	400								100		400	200
III-D-3	Special Studies	16,000	64,000				10,000	40,000			26,000		104,000	130,000
III-D-4	Regional or Statewide Planning	100	400								100		400	200
∃ 	MANAGEMENT & OPERATIONS	64,266	257,066	2,800	2,800	22,400	42,313	169,249	61,800	61,800		64,600	448,715	684,494
TOTALS		\$123,667	\$494,669	\$8,000	\$8,000	\$64,000	\$58,203	\$232,811	\$61,800	\$61,800	\$251,670			

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING AMENDMENT #2 TO THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S FISCAL YEAR 2019-2020 UNIFIED PLANNING WORK PROGRAM

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 Fiscal Year 2019-2020 Unified Planning Work Program documents the comprehensive and continuing transportation planning program in the Wilmington Urban Area; and

WHEREAS, the Fiscal Year 2019-2020 Unified Planning Work Program was adopted by the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2019; and

WHEREAS, the Fiscal Year 2019-2020 Unified Planning Work Program was amended by the Wilmington Urban Area Metropolitan Planning Organization's Board on May 29, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the Fiscal Year 2019-2020 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization received a request from the Friends of the Wilmington Rail Trail and Arts Council of Wilmington/New Hanover County for Surface Transportation Block Grant- Direct Attributable funding in the amount of \$40,000 to complete a Rail Trail Master Plan for the rail corridor between 3rd Street and McRae Street in downtown Wilmington; and

WHEREAS, the Friends of the Wilmington Rail Trail and Arts Council of Wilmington/New Hanover County will provide the local match in the amount of \$10,000; and

WHEREAS, the need for amendments to the Fiscal Year 2019-2020 Unified Planning Work Program have been evaluated and are justified in order to effectively advance transportation planning for Fiscal Year 2019-2020; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization proposes amendments to the Fiscal Year 2019-2020 Unified Planning Work Program to reflect current and anticipated expenditures and available funding resources.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment #2 to the Fiscal Year 2019-2020 Unified Planning Work Program.

ADOPTED at a regular meeting of the W Board on August 28, 2019.	ilmington Urban Area Metropolitan Planning Organization's
David Piepmeyer, Chair	
Mike Kozlosky, Secretary	

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-3 (July 2019)

FY 2019 - \$24,000 (STBGDA)	FY 2019 - \$6,000 (L)	FY 2022 - \$2,000 (STBGDA)	FY 2022 - \$1,000 (L) EV 2023 - \$124,000 (STBEDA)	F1 2022 - \$134,000 (SIBGDA) FY 2022 - \$33 000 (I)	\$200,000	
ENGINEERING		RIGHT-OF-WAY	NOITOHOL			
EB-6025 RICE HOPE MULTI USE PATH, MULTI USE PATH	BRUNSWICK ALONG NC 133 BETWEEN MORECAMBLE	PROJ.CATEGORY BOULEVARD AND RICE HOPE RUN IN BELVILLE.	DIVISION TO ALLOW ADDITIONAL TIME FOR PLANNING	AND DESIGN, DELAY RIGHT-OF-WAY FROM FY	<u>19 TO FY 22 AND CONSTRUCTION FROM FY 20</u>	<u>10 FY 22.</u>

EB 6036	DEIVILLE ELEMENTADY MILITILISE DATH MILITI	CINICEDINIC	(AGBAT) 000 534 000 (TABBA)
EB-0020	BELVILLE ELEINEN ANT INDEN OSE PAIN, INDEN		FI 2013 - 524,000 (LAPDA)
BRUNSWICK	USE PATH ALONG NC 133 CONNECTING NORTH		FY 2019 - \$6,000 (L)
PROJ.CATEGORY	AND SOUTH ENTRANCES OF HAWKESWATER	RIGHT-OF-WAY	FY 2022 - \$2,000 (TAPDA)
DIVISION	DEVELOPMENT TO BELVILLE ELEMENTARY		FY 2022 - \$1,000 (L)
	SCHOOL.	CONSTRUCTION	FY 2022 - \$94,000 (TAPDA)
	TO ALLOW ADDITIONAL TIME FOR PLANNING		FY 2022 - <u>\$24,000 (</u> L)
	AND DESIGN, DELAY RIGHT-OF-WAY FROM FY		151,000
	19 TO FY 22 AND CONSTRUCTION FROM FY 20		
	TO FY 22.		

CONSTRUCTION FY 2019 - \$800,000 (S)	FY 2019 - \$3,200,000 (TA)	FY 2020 - \$100,000 (S)	FY 2020 - \$400,000 (TA)	\$4,500,000			
VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	INTERSECTIONS TO COMPLY WITH THE	AMERICANS WITH DISABILITIES ACT (ADA)	USINGTRANSPORTATION ALTERNATIVES (TA)	FUNDS.	ADD CONSTRUCTION IN FY 20 NOT	PREVIOUSLYPROGRAMMED TO REFLECT	CURRENT DELIVERY SCHEDULES
* R-5783	BRUNSWICK	DUPLIN	NEW HANOVER	ONSLOW	PENDER	SAMPSON	PROJ.CATEGORY

DIVISION

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-3 TO THE 2018-2027 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 Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-3.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-3.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 28, 2019.

David Piepmeyer, Chair
Mike Kozlosky, Secretary

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

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

FY 2019 - \$8,000,000 (TALT5) FY 2019 - \$2,000,000 (L) FY 2020 - \$2,000,000 (TALT5)	FY 2020 - \$300,000 (L) FY 2024 - <u>\$10,000,000</u> (L) \$22,500,000
STATEWIDE RIGHT OF WAY PROJECT	CONSTRUCTION
STATEWIDE PROJECT	
VARIOUS, RAILS TO TRAILS PROGRAM PROJECT ADDED TO REFLECT NEW PROGRAM.	
* EB-6037 STATEWIDE PROJ.CATEGORY	

Rules of Procedure

Wilmington Urban Area Metropolitan Planning Organization

Draft

August 28, 2019

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CHAPTER 1 – AUTHORITY OF RULES

A. AUTHORITY

The MPO Board shall establish its own Rules of Procedure in a clear and concise manner to assist them in the general conduct of MPO business. These rules shall prevail to govern the order and conduct of business of the MPO Board until modified or new rules are adopted.

During MPO Board's discussions, deliberations, and proceedings, the Chairman has been designated with the primary responsibility to ensure that the Board and members of the public adhere to the Board's procedures.

B. APPLICATION

These procedures shall be applicable to all members of the MPO Board.

C. DEFINITIONS

<u>MPO Member Jurisdictions:</u> City of Wilmington, Town of Belville, Town of Carolina Beach, Town of Kure Beach, Town of Leland, Town of Navassa, Town of Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation.

MPO Board Members: The MPO Board is the policy and decision-making body for the Wilmington Urban Area Metropolitan Planning Organization. The Board is comprised of elected and appointed officials from the City of Wilmington, Towns of Belville, Carolina Beach, Kure Beach, Leland, Navassa, Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation.

<u>Alternates:</u> Each of the member boards may appoint one (1) Alternate provided each Alternate also meets the same qualifications of membership. The Alternate member will serve as a full voting member during any meeting where the board's representative(s) is not in attendance.

<u>CHAPTER 2 – MPO BOARD ORGANIZATION AND DUTIES</u>

A. GOVERNING BODY

The MPO Board shall constitute the Governing Body of the Wilmington Urban Area Metropolitan Planning Organization. The Board shall consist as specified in the adopted Memorandum of Understanding. The eligible voting member list consists of a representative from each of the appointment boards with the City of Wilmington having two representatives.

B. DUTIES OF THE GOVERNING BODY

MPO Board Members and MPO staff shall conduct the business of the Wilmington Urban Area Metropolitan Planning Organization. The MPO Board's duties and responsibilities are outlined in the adopted Memorandum of Understanding.

C. ELECTION OF OFFICERS

The Chairman and Vice-Chairman shall be elected annually by the voting members of the Board with their term to begin at that meeting. In the event that there is no Chairman or Vice-Chairman, the TCC Chairman shall preside until a Chairman and Vice-Chairman are elected. The Chairman and Vice-Chairman shall serve for a period of one (1) year from their election and may be re-elected.

D. DUTIES OF THE CHAIRMAN

The Chairman shall:

- preside at all meetings of the Board.
- o be responsible for the control, debate and order of speakers.
- o decide all questions of order.
- confine debate to matters under discussion.
- o put to a vote all matters properly presented before the MPO Board and to declare the result thereof for the record.

E. DUTIES OF THE VICE-CHAIRMAN

The Vice-Chairman shall:

o in the absence of the Chairman, the Vice Chairman shall assume the duties of the Chairman.

G. APPOINTMENTS TO COMMITTEES

The Wilmington Urban Area Metropolitan Planning Organization utilizes direct citizen input through the voluntary appointment of individuals to various committees (e.g., Bicycle and Pedestrian Advisory Committee and Citizen Advisory Committee).

The MPO Board members shall be charged with the responsibility of appointing individuals to serve on these MPO Committees.

Vacancies

A vacancy on a committee shall be effective on the date stated in the individuals' written notice of resignation filed with the MPO.

Candidate Qualifications

Preferred candidates for appointment shall be at least 18 years of age or older and a resident of the jurisdiction of which the committee member will represent, or be otherwise connected to the community in terms of property ownership, business affairs, or by offering a unique and necessary expertise.

Appointment Process

The appointment process will be determined by the MPO Board member making the appointment to the Committee.

Compensation

The Appointees serve on a volunteer basis and shall not be compensated for their services.

<u>Attendan</u>ce

Each committee member shall be expected to attend each scheduled meeting.

CHAPTER 3 – CONDUCT OF THE MPO BOARD

A. GENERAL CONDUCT

These rules are intended to facilitate professional and orderly conduct of meetings of the Wilmington Urban Area Metropolitan Planning Organization. The purpose of these rules are to provide an orderly and consistent procedure for conducting such meetings. These rules should be followed as necessary to conduct the Board meetings of the Wilmington Urban Area Metropolitan Planning Organization.

All members shall have and share equal rights, privileges, responsibilities and obligations which include but are not limited to the following:

- All Members present and participating in meetings have the right to make, second, or amend motions.
- All Members present and participating have the right to participate in debate when discussion is permitted.
- All Members have the right to make inquiries and seek clarification or further information on pending matters.
- O All Members present for meetings have the right to vote on matters, unless prevented by a conflict of interest. If a conflict exists, the member(s) shall request to be recused from discussion and voting on the item. A Conflict of Interest statement will be attached to the minutes of the meeting in which any discussion or vote was taken relating to that conflict disclosure.

B. CONDUCT WITH MEMBERS

Members shall conduct themselves in a proper, professional and ethical manner during all proceedings, and shall respect each other and follow the rules. Each Member shall demonstrate courtesy and respect for the Board and its members, public, and staff.

MPO Board Members shall:

- o treat each other and everyone with courtesy and respect.
- o refrain from inappropriate behavior and derogatory comments.
- o respect and value each other's time.
- o limit their comments to the subject matter, item, or motion being currently considered.
- o maintain order and decorum during the meeting.
- o abide by the *Governing Body Rules of Procedure* in conducting the business of the Wilmington Urban Area Metropolitan Planning Organization.

- o exercise control as to the length of their comments.
- o respect each other's opportunity to speak and, if necessary, agree to disagree.

C. CONDUCT WITH COMMITTEES

MPO Board Members shall:

- o treat all members of MPO committees with appreciation and respect.
- o value and respect the service these committee members provide to improve transportation in the Wilmington region.

D. CONDUCT WITH THE MEDIA

MPO Board Members shall:

o not discuss with the media confidential or privileged information pertaining to closed sessions, attorney-client privileged or attorney work product communications including without limitation personnel or litigation.

Press releases will be prepared by the Executive Director or MPO staff for release to the media.

E. LITIGATION AND CONFIDENTIAL INFORMATION

MPO Members shall:

 keep all materials and verbal communication provided to them on matters that are privileged or confidential pursuant to federal or state law in complete confidence to ensure that the MPO's position is not compromised.

F. ETHICAL CONDUCT

MPO Board Members shall:

- o conduct themselves in an ethical manner.
- conduct themselves in a manner compliant with Chapter138A of the North Carolina General Statutes.
- abide by certain ethics standards and certain provisions of the Ethics Act (S.B. 411; S.L. 2013-156) and the Ethics Act through G.S. 136-200.2.

CHAPTER 4 – MPO BOARD MEETINGS AND SCHEDULES

A. REGULAR MEETINGS

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

Regular meetings of the MPO Board shall be held on the last Wednesday of each month at three (3:00) o'clock P.M., in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington or at such other locations as determined by a majority of the MPO Board members. Any alternate location or change in meeting time shall be specified in the meeting notice.

B. SPECIAL MEETINGS

The Chairman or a majority of board members may at any time call a special meeting of the Board by signing a notice stating the time and place of the meeting and the subjects to be discussed. The person or persons calling the meeting shall cause the notice to be posted at City Hall in downtown Wilmington or the door of the regular meeting place at least forty-eight hours before the meeting. In addition, the notice shall be e-mailed or mailed to individuals and local news organizations. Only items of business specified in the notice may be transacted at a special meeting.

C. EMERGENCY MEETINGS

If a special meeting is called to deal with an unexpected circumstance requiring immediate consideration, the notice requirements of this rule do not apply. However, the person or persons calling an emergency meeting shall take responsible action to inform the other board members and the public of the meeting. Local news organizations having requested notice of the special meetings shall be notified of such emergency meetings by the same method used to notify the board members. Only business connected to the emergency may be discussed at this meeting.

D. CLOSED SESSIONS

Closed sessions shall generally be conducted as needed. In accordance with the North Carolina General Statutes, closed sessions shall be held only when required to permit a public body to

act in the public interest as permitted in N.C.G.S. § 143-318.11. A public body may hold a closed session only upon a motion duly made and adopted at an open meeting. Every motion to close a meeting shall state one or more of the authorized purpose(s) for the closed session.

Closed sessions are closed to the public. The closed session is to protect important privacy interests and matters that are confidential or privileged under federal or state law, and subjects discussed during these sessions should not be shared outside of the session. No action will be taken during closed session except as permitted by state law.

No closed session will be held without the presence of MPO legal counsel.

E. PUBLIC HEARINGS

The MPO Board shall hold public hearings when required by federal, state or local law. Public hearings are officially opened and closed by the Chairman.

F. ATTENDANCE

Each member shall be expected to attend each scheduled meeting. Any Board member asking to be excused shall require a call to the MPO's Executive Director at least 24 hours in advance of the meeting. The Executive Director will at the beginning of the Board meeting, list the members requesting to be excused which will require a vote from the Board to approve these excused absences. If an Alternate attends a meeting in place of the member, this will not count as an absence for the member. For members not attending three (3) consecutive Board meetings, the Chairman will send to the chief elected officer of the jurisdiction of the member in question, a letter indicating the number of absences and requesting re-affirmation or re-designation of the jurisdiction's representative.

G. MEETING RULES

Meetings shall be conducted under parliamentary procedures consistent with <u>Robert's Rules of Order, most recent edition.</u>

CHAPTER 5 - MEETING GUIDELINES & PROCEDURES

A. GENERAL

Authority

The MPO Board acts as a body and policy is established by majority vote.

Majority Vote

Any member may call for a vote on any issue provided that it is seconded and within the purposes set forth in the "Memorandum of Understanding." Each voting member of the Board shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists and provided that a super-majority vote is not required for approval of the item under applicable law, the WMPO Board Bylaws or these Rules of Procedure. Abstentions are not included in the tally of the votes. A Board member's absence, whether excused or unexcused, shall not be counted as an affirmative or negative vote on any matter. Proxy and absentee voting are not permitted.

Meetings to be Public

All meetings of the MPO Board are required to be open to the public with the exception of closed sessions.

Quorum

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

Location

All public meetings shall be held at 320 Chestnut Street in the 6th Floor Conference Room, or at such other locations as determined by a majority of the MPO Board members. Any alternate location or change in meeting time or location shall be specified in the notice for the meeting.

Action

Action by the Board shall be taken by means of resolution or oral motion duly made and passed by the majority as a body.

Public actions of the Board shall be recorded in the minutes of all regular meetings, special meetings and/or emergency meetings. Resolutions shall also be recorded and filed in the MPO offices.

The Board may take action on items calendared on the agenda. Items may be added or removed prior to adoption of the agenda.

Sequence of Agenda Items

The MPO Board adopts the agenda at the beginning of the meeting. The sequencing of the items can be modified by the Board upon adoption of the agenda.

Minutes

It is the responsibility of the MPO's Clerk or designated recording secretary to keep and enter a written account of all Board meetings. The official record of the meeting is the minutes after they have been approved by the MPO Board.

Right of Floor

The Chair will recognize members of the Board, staff or audience desiring to speak, and confine remarks to the subject under consideration.

MPO Executive Director

The Executive Director or designee attends all MPO Board meetings and work sessions and may make recommendations to the Board.

B. AGENDA

The agenda is the list of items suggested for consideration and/or discussion at a Board meeting. Agenda items originate from the Executive Director or as a carry-over from previous meetings.

C. REQUIREMENTS FOR AGENDA ITEM SUBMISSION

Technical Coordinating Committee (TCC) and Board members may submit an item(s) to their respective TCC and Board agendas. In order for a Board member to submit an item(s) to the TCC or Board, the item(s) must be submitted no later than 5:00 p.m. the first business day of the calendar month in which the item is requested to be considered. The item must include all pertinent background materials (resolution, maps, etc.). The Board shall approve the agenda at the beginning of each meeting. At this time, the Board shall have the ability to add or remove any item on the agenda by a vote of at least two-thirds (2/3) of the Board's voting members present. An item added to the agenda will be placed for consideration at the end of the meeting.

D. AGENDA PACKET PREPARATION

The Executive Director shall review and approve all items for the MPO Board agendas. The agenda packets shall be provided to the Board at least 5 days prior to the Board meetings for Regular Meetings. For Special Meetings, the packets shall be provided no less than 48 hours prior to the meeting. For Emergency Meetings, the agenda may be provided in advance or at the meeting.

The agenda and agenda packets are compiled and distributed through the Executive Director. Packet information will be electronically transferred via e-mail to the MPO Board members. In addition, the agenda packets are also placed on the Wilmington Urban Area Metropolitan Planning Organization's website.

E. AGENDA FORMAT

The Board may reorder the agenda items to expedite the agenda or for the benefit of the public.

Call to Order

The Chairman shall open each regular meeting at the appointed hour.

Conflict of Interest Statement

In accordance with Senate Bill 411, it is the duty of all MPO Board members, alternates or designees to disclose in writing any conflicts of interest. The statement will be attached to the minutes of the meeting in which any discussion or vote was taken relating to that conflict disclosure.

Approval of Board Member Excused Absences

Each member shall be expected to attend each scheduled meeting. Any Board member asking to be excused shall require a call to the MPO's Executive Director at least 24 hours in advance of the meeting. The Executive Director will at the beginning of the Board meeting, list the members requesting to be excused which will require a vote from the Board to approve these excused absences.

Approval of the Agenda

The MPO Board shall approve the agenda at the beginning of each regular meeting. This approval will outline the business of the Board's meeting.

Election of Officers

The Chairman and Vice-Chairman shall be elected annually by the voting members of the Board, with their terms to begin at that meeting. The Chairman and Vice-Chairman shall serve for a period of one (1) year from their election and may be re-elected. This election shall occur during the first Board meeting of the calendar year or as needed upon a resignation of the Chairman or Vice-Chairman.

Public Comment Period

Time shall be set aside at every regular meeting and work session to allow the public to address the Board on matters that are listed or not listed on the printed agenda. Those wishing to speak may do so during the "Public Comment" period. At the beginning of each regular meeting, a sign-in sheet will be available before each meeting for those who wish to sign up to speak. Each speaker is limited to three (3) minutes and the entire public comment period shall not exceed fifteen (15) minutes. If necessary, the Chairman can extend the public comment period by a vote of the Board.

Each person addressing the MPO Board must approach the front of the room when recognized by the Chairman, communicate his or her name and address and then their public comments.

Members of the MPO Board are discouraged from engaging in debate with a member of the public at the Board meetings.

Closed Session

The Closed Session portion of the meeting is reserved for times when the Board determines it necessary to enter into a Closed Session as allowed by North Carolina General Statute. It does not preclude the Board from entering into Closed Session at any point during an open meeting as the Board deems necessary.

Presentation(s)

This time may be used as necessary to present awards or to receive remarks and presentations by distinguished guests or staff on items of interest to the Board.

Consent Agenda

These are items on the MPO Board agenda which are considered to be of a routine and noncontroversial nature by the Executive Director, shall be listed on the consent agenda. These items shall be acted upon collectively under a single motion. A member of the Board may remove any item from the consent agenda for discussion. Any item removed will be heard immediately following action on the remaining consent agenda items.

Public Hearings

The Public Hearings portion of the meeting is reserved for any items requiring a formal public hearing when required by federal, state or local law.

Old Business

Old Business contains items which have been previously discussed and require Board action or direction.

Regular Agenda

The Regular Agenda contains items which may not have been previously discussed and require Board action or direction. These items may or may not be considered controversial. These items will be accompanied by a resolution.

Discussion

Discussion items are items that require Board discussion. These items will not include an accompanying resolution. Items listed under discussion may or may not receive action and/or direction during a meeting. The Board may decide to take action on any discussion item or may request staff to return with an accompanying resolution at a future date.

<u>Updates</u>

This time is reserved to receive updates from the MPO and the various transportation partners on efforts underway in their respective organizations. Typically this information is provided in written form and included in the agenda packet.

Announcements

This is the time when any upcoming public meetings that would be of interest to the Board are provided.

<u>Adjournment</u>

Before there can be an adjournment, the Board must, by proper action, move and vote for adjournment. Upon adjournment, the meeting is ended and no further business can be conducted.

Prioritization 6.0

Scoring Criteria, Weights, and Normalization for All Modes (with Criteria Definitions)

Recommended by the P6.0 Workgroup to the Board of Transportation on June 6, 2019

The purpose of this document is to outline the criteria, weights, and scoring process recommendations resulting from the P6.0 Workgroup in accordance with the Strategic Transportation Investments law. The goal is the understanding of each mode's scoring within the overall Prioritization process, in order to achieve approval by the Board of Transportation.

Each mode is displayed with criteria and associated weights for the **Statewide Mobility**, **Regional Impact**, and **Division Needs** categories. Following the criteria and weights is a list of definitions for each criteria, specific to each mode.

Below is an example of how criteria (in any mode) are weighted to calculate a quantitative score, and how that score later combines with the Local Input to create a project's total score.

(Quantitativ	e Score vs. L	ocal Input	t
Funding	QUANTI	TATIVE	LOCAL	. INPUT
Category	Dat	a	Division	MPO/RPO
Statewide Mobility	Criteria 1 = 30% Criteria 2 = 25% Criteria 3 = 15% Criteria 4 = 10% Criteria 5 = 15% Criteria 6 = 5%	100%		
Regional Impact	Criteria 1 = 20% Criteria 2 = 20% Criteria 3 = 10% Criteria 4 = 10% Criteria 5 = 10%	70%	15%	15%
Division Needs	Criteria 1 = 15% Criteria 2 = 15% Criteria 3 = 10% Criteria 4 = 5% Criteria 5 = 5%	50%	25%	25%

Highway Criteria & Weights

Mobility Projects (Roadway Widening, Intersection/Interchange Improvements, Access Management):

	Statewide Mobility		Regional Impact		Division Needs
30%	Congestion	20%	Benefit-Cost	15%	Benefit-Cost
25%	Benefit-Cost	20%	Congestion	15%	Congestion
25%	Freight	10%	Accessibility/Connectivity	10%	Safety
10%	Economic Competitiveness	10%	Freight	5%	Accessibility/Connectivity
10%	Safety	10%	Safety	5%	Freight

Modernization Projects (Modernize Roadway, Upgrade Freeway to Interstate):

	Statewide Mobility		Regional Impact		Division Needs
25%	Freight	25%	Safety	20%	Safety
25%	Safety	10%	Freight	10%	Pavement Condition
20%	Paved Shoulder Width	10%	Lane Width	10%	Paved Shoulder Width
10%	Congestion	10%	Pavement Condition	5%	Freight
10%	Lane Width	10%	Paved Shoulder Width	5%	Lane Width
10%	Pavement Condition	5%	Congestion		

Congestion: Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway.

Benefit/Cost: Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Freight: Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable).

Safety: Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years.

Economic Competitiveness: Measurement of the estimated percent change in economic activity within the county and the percent change in the number of long term jobs that the project is expected to provide over 10 years.

Accessibility/Connectivity: Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network.

Lane Width: Measurement of lane width deficiencies compared to the NCDOT standard for each roadway facility type.

Paved Shoulder Width: Measurement of paved shoulder width deficiencies compared to the NCDOT standard for each roadway facility type.

Pavement Condition: Measurement of overall pavement condition using the NCDOT's pavement condition rating (PCR).

Aviation Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
40%	NCDOA Project Rating	30%	NCDOA Project Rating	25%	NCDOA Project Rating
30%	FAA ACIP Rating	15%	Benefit/Cost	10%	Benefit/Cost
20%	Benefit/Cost	15%	FAA ACIP Rating	10%	FAA ACIP Rating
10%	Constructability Index	10%	Constructability Index	5%	Constructability Index

NCDOA Project Rating: Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project.

FAA ACIP Rating: Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS).

Constructability Index: Scores projects based on various measures of a project's readiness for construction.

Benefit/Cost: Measurement of a project's total economic contribution compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Bicycle/Pedestrian Criteria & Weights

Statewide Mobility	Regional Impact	Division Needs		
		20%	Safety	
(not oligible)	(not oligible)	15%	Accessibility/Connectivity	
(not eligible)	(not eligible)	10%	Demand/Density	
		5%	Cost Effectiveness	

Safety: Measurement of the number of bicycle and pedestrian crashes, severity of the crashes, crash risk based on existing surroundings, and safety benefit the project is expected to provide.

Accessibility/Connectivity: Measurement of the quantity of destinations near the project, the quantity of connections to existing or planned bicycle/pedestrian facilities, and whether the project improves or connects to a designated bicycle route.

Demand/Density: Measurement of the population and employment density within a walkable or bikeable distance of the project.

Cost Effectiveness: Measurement of total Safety, Accessibility/Connectivity, and Demand/Density criteria scores compared to the cost of the project to NCDOT.

Ferry Criteria & Weights

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	20%	Capacity/Congestion	15%	Asset Condition
	15%	Asset Condition	15%	Asset Efficiency
	15%	Asset Efficiency	10%	Accessibility/Connectivity
	10%	Accessibility/Connectivity	10%	Benefits
	10%	Benefits		

Capacity/Congestion: Measurement of the number of vehicles left behind at each departure compared to the total number of vehicles loaded and carried by the route.

Asset Condition: Measurement of the asset condition rating by the NCDOT Ferry Division.

Asset Efficiency: Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset.

Benefits: Measurement of the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative roadway route.

Accessibility/Connectivity: Measurement of the number of jobs, services, and other points of interest near the project.

Public Transportation Criteria & Weights (Mobility Projects)

Statewide Mobility	Regional Impact		Division Needs	
	25%	Cost Effectiveness	20%	Cost Effectiveness
(not oligible)	20%	Demand/Density	10%	Demand/Density
(not eligible)	15%	Impact	10%	Efficiency
	10%	Efficiency	10%	Impact

Impact: Measurement of the trips generated and relieved by the project in 10 years.

Demand/Density: Measurement of the total trips along the project route in 10 years compared to the service area population for the project route.

Efficiency: Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years.

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Public Transportation Criteria & Weights (Demand Response Projects)

Statewide Mobility	Regional Impact		Division Needs	
(act alicible)	25%	Cost Effectiveness	15%	Cost Effectiveness
	20%	Demand/Density	15%	Demand/Density
(not eligible)	15%	Efficiency	10%	Efficiency
	10%	Impact	10%	Impact

Impact: Measurement of the trips generated by the project in 10 years.

Demand/Density: Measurement of the total operating hours of the system in 10 years compared to the service area population for the system.

Efficiency: Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio).

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Public Transportation Criteria & Weights (Facility Projects)

Statewide Mobility	Regional Impact	Division Needs		
		15%	Cost Effectiveness	
(not oligible)	(not oligible)	15%	Impact	
(not eligible)	(not eligible)	10%	Demand/Density	
		10%	Efficiency	

Impact: Measurement of the trips generated by the project in 10 years.

Demand/Density: Growth trend of ridership for the system over the previous 5 years.

Efficiency: Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities).

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Rail Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
35%	Benefit-Cost	25%	Benefit-Cost	15%	System Opportunities
30%	Safety	15%	Safety	10%	Benefit-Cost
15%	System Opportunities	10%	Capacity and Diversion	10%	Capacity and Diversion
10%	Capacity and Diversion	10%	Economic Competitiveness	10%	Safety
10%	Economic Competitiveness	10%	System Opportunities	5%	Economic Competitiveness

Benefit-Cost: Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Safety: Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index.

System Opportunities: Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes.

Capacity and Diversion: Measurement of train volume compared to track capacity, and the amount of freight and/or passenger volumes diverted off highways by the project.

Economic Competitiveness: Measurement of the estimated number of full time jobs created in 20 years.

Normalization in P6.0

- Statewide Mobility (only) No normalization, scores are stand-alone for comparison (Highway, Aviation, and Freight Rail eligible projects)
- Regional Impact & Division Needs Allocate funds to Highway and Non-Highway modes based on minimum percentages (shown below)

Mode	Statewide Mobility	Regional Impact	Division Needs
Highway		90% minimum (Region competition)	90% minimum (Division competition)
Non-Highway	No Normalization	4% minimum (Statewide competition)	4% minimum (Division competition)
Flex (All Modes)		6% (Region competition)	6% (Division competition)

Committed Projects – Not subject to re-evaluation in P6.0

 First Right-of-Way (ROW) OR Construction (CON) date in 2020-2025 based on Final 2020-2029 STIP (first 6 years of STIP)

<u>Carryover Projects – Automatically carry over from P5.0 for evaluation in P6.0</u>

Project must meet at least one of the following criteria:

- Programmed in the Final 2020-2029 STIP, but not considered a Committed Project
- Sibling of a programmed project (where unfunded limits are included in a single NEPA/SEPA document)
- Project has a NEPA/SEPA document completed within the last 10 years (2009-2018) or the NEPA/SEPA document is actively being worked on (with scoping meeting completed by 12/31/2018)

Number of Project Submittals for Each Mode

MPOs and RPOs:

- Base of 12 submittals, plus:
 - + One additional submittal for every 50,000 in population
 - + One additional submittal for every 500 centerline miles

NCDOT Divisions:

14 submittals each

All submittals must be coordinated with associated MPOs, RPOs, and Divisions.

Number of Local Input Points for Regional Impact and Division Needs Categories

Number of Points per Area:

- Base of 1,000 points, plus:
 - + 100 additional points for every next 50,000 in population
- Maximum 2,500 points per area
- Same allocation of points for Regional Impact and Division Needs categories
- 100 point max per project per category
- Flex Policy (new in P6.0): up to 500 points (half of base allotment) can be transferred between Regional Impact and Division Needs within an organization

FINAL Prioritization 6.0 Schedule

						1	
	Dec					NCDOT Provides	JLTOC
	Nov			isting + New)	Review period of all data & costs to be used for scoring (by MPOs, RPOs, and Divisions)		
	Oct			Projects (Exi	Review perio costs to be us (by MPOs,		
	Sept			Scores for All			
	Aug			ulates Quant.			
2020	Jul			SPOT Reviews and Calculates Quant. Scores for All Projects (Existing + New)			
2	Jun			SPOT Revi			
	May	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	Apr		Online				
	Mar		s into SPOT (
	Feb		MPOs, RPOs, & Divisions test, enter, and submit projects into SPOT Online				
	Jan		t, enter, and s				
	Dec		Divisions test				
	Nov		Os, RPOs, & I			.	
2019	Oct		MP			s vision Inpu Tasks	
20	Sept	BOT adopts 2020-2029 STIP			: -	blue box = NC BOT Actions Yellow Box = MPO/RPO/Division Input Green Box = NCDOT Work Tasks	
	Aug		,		(Box = NC B Box = MP	
	Jul	BOT approves P6.0 Criteria & Weights			Notes:	Yellow Green	

	Jun		BOT adopts 2023-2032 STIP
	Мау	; 5/1/2020) 5ut, one in) 88/2021)	
2022	Apr	octs (closes & mittals (one of closes \$1/2) and old old set of closes \$1/2 and old old set of closes \$1/2 and old old set old	
20	Mar	mitting proje g extra subb g extra subb lility projects for 3 month rects release for 3 month	
	Feb	ing, and sub for receivir due ects objects releas tewide Mobi ndow opens Point Assigr Impact Proj ndow opens	NCDOT releases Draft STIP
	Jan	Weights enter beletions due Modifications bmitting projes for all programmed Staput Point wired Regional put Point wireleased	ds Scores and veeds projects
	Dec	Key Dates: July 2019: BOT approves P6.0 Criteria & Weights October 2019: SPOT Online opens for testing, entering, and submitting projects (closes 5/1/2020) December 20, 2019: Carryover Project Deletions due for receiving extra submittals (one out, one in) Carryover Project Modifications due May 1, 2020: Area-Specific Weights due SPOT Online closes for submitting projects End of February 2021: Quantitative scores for all projects released Draft list of Programmed Statewide Mobility projects released Draft list of Programmed Statewide Mobility projects released Deadline for Approval of Local Input Point window opens for 3 months (closes 5/28/2021) End of July 2021: Draft list of Programmed Regional Impact Projects released August 2, 2021: Division Needs Local Input Point window opens for 3 months (closes 10/29/2021) February 2022: DRAFT 2023-2032 STIP released	SPOT finalizes Division Needs Scores and TIP Unit programs Division Needs projects NCDOT Provides Report to TOO TOO TOO TOO TOO TOO TOO TOO TOO TO
	Nov	approves P6 sPOT Online Carryo carryo aa-Specific V OT Online c 2021: Qual Draff Bediline for : Draff list C Division Ne	SPOT finalize: TIP Unit progr
	Oct	Key Dates: July 2019: BOT October 2019: S December 20, 20 May 1, 2020: Are SP End of February August 2, 2021: F February 2022:	sign Division
	Sep	Key July July Dece May Marc Marc	MPOs, & Divisions assign Division Needs Local Input Points
	Aug		MPOs, RPOS,
73	Б	alizes Regional rres and TIP Unit Regional Impact	
2021	Jun	SPOT finalizes Regional Impact scores and TIP Unit programs Regional Impact projects	
	Мау		
	Apr	MPOs, RPOs, & Divisions assign Regional Impact Local Input Points (with option to assign Division Needs Local Input Points)	
	Mar	MPOS, RPOS, 1 Impact Local assign Division	
	Feb	TP Unit Programs Statewide Mobility Projects	
	Jan	SPOT Reviews and Calculates Quant. Scores for All Projects (Confd.)	
		Spot Records Score Projects	

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-4 (August 2019)

EB-5600 SR 1219 (SOUTH 17TH STREET), HOSPITAL CONSTRUCTION FY 2020 - \$746,000 (BGANY) NEW HANOVER PLAZA TO INDEPENDENCE BOULEVARD. PROJ.CATEGORY CONSTRUCT MULTIUSE PATH. DIVISION AT THE REQUEST OF THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 19 TO FY 20.

FY 2020 - <u>\$1,400,000</u> (NHPIM) \$1,400,000

CONSTRUCTION

TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.

PROJ.CATEGORY STATEWIDE

I-140, US 17 TO NORTH OF US 74. PAVEMENT

REHABILITATION.

I-6036 BRUNSWICK

HIGHWAY PROGRAM

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

					0				TYPE OF WO	ORK / ESTIMAT	ED COST IN TH	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	JECT BREAKS			
ROUTE/CITY	Ē				S.			DELIVERABLE PROGRAM	ROGRAM				DEVELOPMEN	DEVELOPMENTAL PROGRAM		UNFUNDED
COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	(THOU) (THOU)	u) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
INTERSTATE PROJECTS 1-40 NEW HANOVER PENDER	6039	MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.	11.9	10539	NHPIM			c 5270 C	5269							
SW																
I-40 PENDER	I-6040 E	EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION.	15.2	11200	MIDIM				0	2600	C 2600					
SW																
I-140 BRUNSWICK	J-6036 U	US 77 TO NORTH OF US 74. PAVEMENT REHABILITATION.	5.1	1410	10 NHPIM		C 1400									
SW																
F.140 BRUNSWICK NEW HANOVER	I-6038 U	US 421 TO US 74/US 76. PAVEMENT REHABILITATION.	9.8	4000	MHPIM		- - -					C 4000				
SW																
I-140 NEW HANOVER	I-6037 U	US 421 TO 140. PAVEMENT AND BRIDGE REHABILITATION.	6.8	10385	MIDIM							C 10385				
sw																
OJECTS	R-2633 U	US 17 SOUTH OF NC 87 IN BRUNSWICK COUNTY TO 140 IN NEW HANOVER COUNTY. FOUR LANE DIVIDED FREEWAY ON NEW LOCATION.	20.2	773030 68422	684220NHP CONTRACTOR NHP CONTRACTOR	CG 3405 AA CC 5125 BA CC 10250 BB	CG 3405 AA CG 5125 BA CG CG 10250 BB CG	G 5125 BA CG	5125 BA CG 10250 BB CG	5125 BA CG 10250 BB	G 5125 BA					
BRUNSWICK NEW HANOVER					TRN AA TRN BA TRN BB CA CC CC		NC 87 SOUTH OF BISHOP TO US NC 87 SOUTH OF BISHOP TO US US 74/US 76 EAST OF MALMO IN SR 1430 (CEDAR HILL ROAD) TO US 74/US 76 EAST OF MALMO IN WEST OF US 421 NORTH OF WIL WEST OF NC 133 TO US 117. C US 117 TO EAST OF I40 SOUTH IMPLEMENTATION OF INTELLIGI	NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD) COMPLES R 1430 (CEDAR HILL ROAD) TO WEST OF US 421 NORTH OF WILMINGTON COMPLETE US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON TO WEST OF US 421 NORTH OF WILMINGTON WEST OF US 421 NORTH OF WILMINGTON TO WEST OF NC 133 TO US 117 COMPLETE WEST OF US 431 TO US 117 COMPLETE US 117 TO EAST OF 140 SOUTH OF CASTLE HAYNE COMPLETE	74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE BRUNSWICK COUNTY - COMPLETE BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD) COMPLETE WEST OF US 421 NORTH OF WILMINGTON COMPLETE BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON MINGTON TO WEST OF US 3 COMPLETE OMPLETE OMPLETE OF CASTLE HAYNE COMPLETE OF CASTLE HAYNE COMPLETE	IN BRUNSWICK IN BRUNSWICK SR 4430 (CEDAR F WILMINGTON. WEST OF US 421 133 COMPLET PLETE STEMS (ITS) UI	COUNTY COMI COUNTY COMI HILL ROAD) C. - COMPLETE NORTH OF WILIN E	74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY COMPLETE BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD) COMPLETE WEST OF US 421 NORTH OF WILMINGTON COMPLETE BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON OPEN TO TRAFFIC MINGTON TO WEST OF NC 133 COMPLETE OMPLETE OF CASTLE HAYNE COMPLETE OF CASTLE HAYNE COMPLETE	O TRAFFIC			
					GARVEE BOI PAYBACK FY	ND FUNDING \$31. r 2013-2024	05 M FOR SEGMENT	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;	010-2021 - GARVE	E BOND FUNDIN	G \$50 M FOR SEC	MENT BA; PAYBA	CK FY 2014-2025 -	GARVEE BOND FUNI	DING \$100 M FOR SI	EGMENT BB;
DIV - Division Category HF - State Dollars (Non S SW - Statewide Category	<u> </u>	EX - Exempt Category SD - Sta REG - Regional Category TRN - Transition Project	te Dollars	State Dollars (Non-STI)			<u>a</u>	Page 1 of 20							Tuesday	Tuesday, August 6, 2019

	UNFUNDED	FUTURE YEARS					CB 51480 A CB 41184 B	222				
		FY 2029					CB 6435 A CB 6864 B SM PAYBACK 2022 BACK 2021 - 2035.	6275				
	TAL PROGRAM	FY 2028					CB 6435 A CB 6864 B BOND FUNDING \$20 M PAY	7 8375				ROGRESS
JECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027					CB 6843 B CB 6864 B CB 68ES. BUILD NC BOND FI	C 6975			C 12300 C	RIGHT-OF-WAY IN P 5880. DER CONSTRUCTIC
IOUSANDS / PRO,		FY 2026					CB 6864 B CB 6864 B HT-OF-WAY IN PRO				C 12300 C	OLLEGE ROAD) F EESS. INCLUDES U- OAKS DRIVE) UN
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025					CB 6435 A CB CB CB CB CB CB CB				C 8000 B C 12300 C	SR 1272 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD COMPLETE CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD) RIGHT-OF-WAY IN PROGRESS NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD RIGHT-OF-WAY IN PROGRESS. INCLUDES U-5880. SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE) UNDER CONSTRUCTION
F WORK / ESTIM		FY 2024					CB 6435 A C 12667 A CB 6864 B CB 0864 B PLANNING/DESIGN G/DESIGN IN PROG	-	OMPLETE		C 12300 C	SR 1272 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD COMPLETE CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD RIGHT-OF-WAY IN PRO SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARS
TYPEC	DELIVERABLE PROGRAM	FY 2023				WAY FUNDS	CB 6435 A C 12667 A C 12667 A C B 6864 B E E E E E E E E E E E E E E E E E E		SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE COMPLETE			MARTIN LUTHER K ; JACKSONVILLE S SE ROAD) TO STAT DAD) TO SR 2290 (M
	DELIVERA	FY 2022				ECT STATE HIGHW	SOUTH OF HAMPS'		ORY ROAD) TO DAN			CENTRE DRIVE) TO 3 TO CINEMA DRIVE 117/NC 132 (COLLE LE SOUND LOOP R
		FY 2021		7		UNDER CONSTRUCTION; "S" FUNDS REFLECT STATE HIGHN	CB 6864 B CC 1600 B US 17 BYPASS S		SR 1570 (FACT	SRESS		SR 1272 (NEW CSX RAILROAI NORTH OF US SR 1403 (MIDD)
		DS FY 2020		UNDER CONSTRUCTION	C 100	R CONSTRUCTION	A H090215-A B H090215-B		A H141537	RIGHT-OF-WAY IN PROGRESS		A H090499-B C H090499-C D H090499-D
PRIOR		(THOU) FUNDS	4 71234	UNDE	3780 TA S	UNDE	101547T T T T T REG REG	7 22 20 EEE T	REG	RIGHT	4 64844T	REG SW SW
TOTAL	PROJ	COSI H (THOU)	71234		4280		340632	346	ò		122044	
		LENGTH	1.5 5 ON 8.		æ vo		0 US 12.3	9			8.6	
		LOCATION / DESCRIPTION	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.		DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION	OT (TACG SEGAN ACTION A	1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.		COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT	MI TOO EMENTO
	9	ID NUMBERS	R-3601		R-5783		R-3300 H090215	11 6700	H141537		U-4902	H090499
	ROUTE/CITY	COUNTY	RURAL PROJECTS US 17/US 74/US 76 BRUNSWICK NEW HANOVER	TRN	VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	DIV	US 17 (HAMPSTEAD BYPASS) NEW HANOVER PENDER	URBAN PROJECTS	PENDER	REG	US 17 BUSINESS (MARKET STREET)	NEW HANOVER

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

FUTURE YEARS UNFUNDED FY 2029 **DEVELOPMENTAL PROGRAM** FY 2028 TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS FY 2027 FY 2026 FY 2025 FY 2024 **DELIVERABLE PROGRAM** FY 2023 FY 2022 FY 2021 FY 2020 FUNDS PRIOR YEARS COST (THOU) TOTAL PROJ COST (THOU) LENGTH LOCATION / DESCRIPTION ID NUMBERS

6450 C 6450 6450 6450 1250 33300 6. US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE. H110978 **U-5731** URBAN PROJECTS US 74 ROUTE/CITY **NEW HANOVER** COUNTY US 74

FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. - RIGHT-OF-WAY IN PROGRESS 4800 A 5436 SW 57267 2.0 SR 1409 (MILITARY CUTOFF ROAD)
INTERSECTION IN WILMINGTON. CONVERT
AT-GRADE INTERSECTION TO AN
INTERCHANGE. H141232 **U-5710** (EASTWOOD ROAD) **NEW HANOVER**

S

2800 1600 RIGHT-OF-WAY IN PROGRESS 1000 27000 6. US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES. H110981 **U-5734 NEW HANOVER** (SOUTH FRONT STREET) **US 421**

5600

14510 T 27510 9. **U-5729** (CAROLINA BEACH ROAD)

US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - RIGHT-OF-WAY IN PROGRESS REG H110987 SW H110987 REG SW US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. H110987

NEW HANOVER

US 421

US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. - RIGHT-OF-WAY IN PROGRESS

6467 6467 A 6467 A 97371 9.7 SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. U-5702

SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS. PROJECT TO BE LET V U-5704. H149006-B/C ⋖ NHP SN H142202 (COLLEGE ROAD) **NEW HANOVER** NC 132

US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD), ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. H149006-A ш RG

C 36100 E

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

	UNFUNDED	FUTURE YEARS	223												
		FY 2029	71												
	DEVELOPMENTAL PROGRAM	FY 2028	71			C 8434									
OJECT BREAKS	DEVELOPME	FY 2027				88									
THOUSANDS / PF		FY 2026	R 17050 U 1500	- - -		20					C 13212				Y IN PROGRESS
TIMATED COST IN		FY 2025	R 17051 U 1500	_		R 9375	_				C 13213		C 1125		C C 6834C STRUCTION AY) RIGHT-OF-WA
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	AM	23 FY 2024				0 R 9375					C 1391		C 1125		3 C
F	DELIVERABLE PROGRAM	FY 2022 FY 2023				R 6250 U 2500	- - -				1543		100		C 6833
	TEG	FY 2021 FY						Α.	006		515 R 500		<u>« > </u>		RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) UNDER CONSTRUCTION SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY) RIGHT-OF-WAY IN PROGRESS
		FY 2020 F		- - - -	PROJECT TO BE LET WITH U-5792.			PROJECT TO BE LET WITH U-5702A.) 006 D	RIGHT-OF-WAY IN PROGRESS.	₩ ⊃				RAND H090390-C SR 11
PRIOR	YEARS	COST (THOU) FUNDS	1000 T	_	PROJECT TO	1100 NHP NHP NHP		PROJECT TO	965 <mark>T</mark>	RIGHT-OF-W	1300 T T		2000		76486 BGANY TRN B
TOTAL		COST (THOU) (82701			56400			2765		31674		3000		98696
		LENGTH	N 2.9						0.5		3.7		1.0		3.2
		LOCATION / DESCRIPTION	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.			US 76 (OLEANDER DRIVE). CONSTRUCT INTERCHANGE.			US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.		L140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES		NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.		RANDALL PARKWAY TO US 74 (MLK, JR. Parkway) in Wilmington. Widen to Multi-Lanes.
	٤	ID NUMBERS	U-5881	H149006-D		U-5704	H149006-E		U-5914 H110994		U-5863	H110980	U-5954 H150020		U-3338
	ROUTE/CITY	COUNTY	URBAN PROJECTS NC 132 (COLLEGE ROAD)	NEW HANOVER	SW	NC 132 (COLLEGE ROAD)	NEW HANOVER	SW	NC 133 BRUNSWICK	DIV	NC 133 (CASTLE HAYNE ROAD)	NEW HANOVER REG	NC 133 (CASTLE HAYNE ROAD) NEW HANOVER	REG	SR 1175 (KERR AVENUE) NEW HANOVER

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

	UNFUNDED	FUTURE YEARS]		R 9900 A		C 219434 A			C 593286B		
	L PROGRAM	FY 2028 FY 2029		-								R 9900 A R 9900 A	Ш					FEAR RIVER.	
SANDS / PROJECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2026 FY 2027	C 1600			C 25533 C 25333												US 17 IN BRUNSWICK COUNTY TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION. NC 133 TO US 421 (INDEPENDENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOCATION WITH A STRUCTURE OVER THE CAPE FEAR RIVER.	
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2024 FY 2025	00 2000 R 33000			18575 C 25533												VAY ON NEW LOCATION. F FREEWAY ON NEW LOCATION W	
TYPE OF WORK	DELIVERABLE PROGRAM	FY 2023				R 18575 R			98 98									Y TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION. ENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOC	
	DELIVE	FY 2021 FY 2022		-		R 12384			C 2436		ENT PROJECT.							US 17 IN BRUNSWICK COUNTY . NC 133 TO US 421 (INDEPENDER	
	•	(THOU) FUNDS FY 2020	101			6 4163 BGANY BGANY BGANY			2 3410L R 225 T R 225 L L		ECONOMIC DEVELOPMENT PROJECT.	0 11540 NHP NHP	BOND R	d HN	NHP	BONDR	NHP	DIV A H129646-A B H129646-B	
TOTAL	PROJ	LENGTH (THOU)	. 0.3 5410 Y			1.7 130696			8732			11.2 1026790	ų	ш					
		LOCATION / DESCRIPTION	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.			RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.			SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.			US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD)	INTERSECTION. CONSTRUCT A NEW /	FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER.					
	Ē	ID NUMBERS	U-6201	H110991		U-4434	H129637		U-5926			U-4738							
	ROUTE/CITY	COUNTY	<u>URBAN PROJECTS</u> SR 1175 (KERR AVENUE)	NEW HANOVER	DIV	SR 1209 (INDEPENDENCE BOUL EVARD	EXTENSION) NEW HANOVER	DIV	NEW ROUTE	NEW HANOVER	DIV	NEW ROUTE	CROSSING)					BRUNSWICK NEW HANOVER	

	UNFUNDED	FUTURE YEARS							U 2900 RB 54054 R 1450 C 18500	
		FY 2029	R 125 C 381			C 2238	PL 240		RB 3861 R 1450	
	DEVELOPMENTAL PROGRAM	FY 2028	R 125			C 2238	PL 240			
OJECT BREAKS	DEVELOPMEI	FY 2027	R 125 C 381			C 2238	PL 240			
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2026	R R 125			C 2238	PL 240			
IMATED COST IN		FY 2025	R 125			C 2238	PL 240			
E OF WORK / EST	N	FY 2024	R 125	<u>-</u>		C 2238	PL 240	C 16700		
TYP	DELIVERABLE PROGRAM	22 FY 2023	125 R 125 31 R 31 381 C 381 95 C 95	<u>-</u>		8 C 2238	60 PL 240 60 PL 60	13 R 3394		43.
	DELIVE	021 FY 2022	381 C 381 95	<u>-</u>		2238 C 2238	240 PL 240 60 60 PL 60	N 1131		BUILD NC BOND ROW FUNDING \$45 M PAYBACK 2029 - 2043.
		FY 2020 FY 2021	33 31 R 8 95 C 95			2238 C Z	240 PL 60			OW FUNDING \$45 M
~	S.	FUNDS	3126BGDA R L R BGDA C	-	IN PROGRESS	4476 BGDA C	313 <u>BGDA PL</u>	1500	10T T T	BUILD NC BOND F
TOTAL PRIO	•	(THOU) (THOU)	9446 312			26856 447	3313 3	22908 150	85125	
		LENGTH	DA				(PL)	1.1 T	2.5	
		LOCATION / DESCRIPTION	WILMINGTON URBAN AREA MPO STP-DA PROGRAM.			WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.	WILMINGTON URBAN AREA METROPOLITAN PLANNING (PL) SUPPLEMENT.	NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	
	€	NUMBERS	U-553 <i>4</i>			U-5989	U-5525	U-5790 H090717	U-6202 H171413	
	ROUTE/CITY	COUNTY	URBAN PROJECTS VARIOUS	BRUNSWICK NEW HANOVER PENDER	DIV	VARIOUS BRUNSWICK NEW HANOVER PENDER DIV	VARIOUS BRUNSWICK NEW HANOVER PENDER DIV	US 421 (CAROLINA BEACH ROAD) NEW HANOVER DIV	SR 2048 (GORDON ROAD) NEW HANOVER	AIG

	UNFUNDED	FUTURE YEARS			H	DER CONSTRUCTIC		U 500 R 3750									Ī
		FY 2029			Ā	BUSINESS (MARKET STREET) TO US 17 BUSINESS (MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP ROAD). REALIGN ROADWAY UNDER CONSTRUCTIC		U 500 R 1250									
	DEVELOPMENTAL PROGRAM	FY 2028				OOP ROAD). REAL					7680						
OJECT BREAKS	DEVELOPMEN	FY 2027			H	33 (MIDDLE SOUND I			-		7680				 - 		
THOUSANDS / PR		FY 2026	C 20250			(ET STREET)/SR 140			<u> </u> 						<u> </u>		Ī
IMATED COST IN		FY 2025	R 3645		H	17 BUSINESS (MAR					U 200						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	M	3 FY 2024	R 1215			KET STREET) TO US											
Ĭ	DELIVERABLE PROGRAM	122 FY 2023				3 17 BUSINESS (MAR			-						 - -		
	DELIV	FY 2021 FY 2022			23825	LENDIRE ROAD, WEST OF US 17											
		FY 2020 FY		PROJECT TO BE LET WITH U-5881.	23825 C 2		UCTION		-					7100			
80	YEARS	FUNDS	1500T	PROJECT TO BE	181509T C	SW A H129103	UNDER CONSTRUCTION	260 BGANY BGANY BGANY			10 T T T			972 NHPB C			
TOTA! PRI		COST (THOU)	26610 1		229159 181			9260			15970			5072			
		LENGTH			. US 17 4.0 AULTI-			VVILLE			EM. 39.2			_			
		LOCATION / DESCRIPTION	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON, CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		SR 1409 (MILITARY CUTOFF ROAD) TO US 17 (MARKET STREET) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.			GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.			WILMINGTON CITYWIDE SIGNAL SYSTEM.			REPLACE BRIDGE 640029 OVER SMITH CREFK			
	!	ID NUMBERS	U-5792 H141226		U-4751	H129103		U-6128	H171546		U-6199	H171364		B-4590			ROJECTS
	POLITE/CITY	COUNTY	URBAN PROJECTS US 74 (MARTIN LUTHER KING, JR. PARKWAY) NEW HANOVER	DIV	SR 1409 (MILITARY CUTOFF ROAD EXTENSION)	NEW HANOVER	SW	US 76 (OLEANDER DRIVE)	NEW HANOVER	REG	WILMINGTON	NEW HANOVER	DIV	BRIDGE PROJECTS NC 133	NEW HANOVER	HF	HIGHWAY SAFETY PROJECTS

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

SD - State Dollars (Non-STI)

	UNFUNDED	FUTURE YEARS			
		FY 2029			
	L PROGRAM	FY 2028			
CT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027			
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2026	TED LOCATIONS. TED LOCATIONS. TED LOCATIONS.		
OST IN THC		FY 2025	IS AT SELECTS AT SELEC		
TIMATED C		FY	PROVEMEN'	 	
WORK / ES		FY 2024	LIGHTING IN LIGHTING IN LIGHTING IN		
TYPE OF	DELIVERABLE PROGRAM	FY 2023	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. R.CONTRACT (DPOC) - IN PROGRESS	RIOUS LOCATIONS. RIOUS LOCATIONS.	
	DELIVERABL	FY 2022	E STRIPS, GUARD E STRIPS, GUARD E STRIPS, GUARD	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	
		FY 2021	SION 3 RUMBL SION 3 RUMBL SION 3 RUMBL SION 3 RUMBL	SAFETY IMPROVEMENTS AT VA	
		FY 2020	HSIP C 650	30 DIV 180 DIV 30 REG 180 REG 240 SW	a
ĺ		COST (THOU) FUNDS	HSIP O	HSIP HSIP HSIP HSIP HSIP DIV DIV REG REG SW SW SW SW	IN PROGRESS
AI PRIOR		_	22135 21485 <u>HSIP</u> DIV BIV REG SW DIVIS	3236 2536	
TOTAL	PROJ	COST 1 (THOU)	221	32	
		LENGTH	F		
		RIPTION	, GUARDRAIL, ROVEMENTS A	T VARIOUS NT PROGRAM	
		LOCATION / DESCRIPTION	IBLE STRIPS IGHTING IMP 'ATIONS.	DIVISION 3. DIVISION 3. ENHANCEME	
		LOCAT	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3. ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.	
	Ē	ID NUMBERS	W-5203 P	N-5703	
	ROUTE/CITY	COUNTY	HIGHWAY SAFETY PRO VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	ER N PROJECTS	DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

	UNFUNDED	FUTURE YEARS				
	S	FUT			 -	
		FY 2029	25 6 50 50			
		FY;	K K O O			
	ROGRAM	FY 2028	25 6 200 50			
	ENTAL PF	Ā	<u> </u>			
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027	25 6 200 50			
ROJECT	ΘE		<u> </u>			
ANDS / P		FY 2026	R R 6 C 200 C 200 50			
THOUS	<u> </u>]]
COSTIN		FY 2025	25 6 6 50 50 50 50 6 6 6 6 6 6 6 6 6 6 6			
TIMATED			<u> </u>			
ORK / ES		FY 2024	25 6 6 50 50 50			
PE OF W	IM	3	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			
Ξ	PROGR4	FY 2023	C 2000 C 2000 C 50			
	DELIVERABLE PROGRAM	122	25 6 6 50 50			
	DELIV	FY 2022	<u> </u>			
		FY 2021	25 200 50			
		FY?	EE EO O			
		FY 2020	25 6 50 50 50			JCTION
			<u> </u>	IN PROGRESS		UNDER CONSTRUCTION
œ	S.	COST COST (THOU) (THOU) FUNDS	273 TADA L TADA L	IN PRO	086	UNDER
/L PRIO	YEAF	202 (THO!	3083 2		6 086	
101	PR S	SOE OHE	8		6	
		LENGTH				
					ts t	
		RIPTION	MPO		CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.	
		LOCATION / DESCRIPTION	AN AREA I		UTHPORT	
		OCATION	TON URBA		LAND, SO	
		5	IS WILMINGTON URBAN AREA MPO TRANSPORTATION ALTERNATIVES PROGRAM.		CEDAR IS FISHER D	
	!	ID NUMBERS	ROJECT			
		Ñ	U-5527		F-5301	
			D PEDES		ECTS	
	POLITE/CITY	COUNTY	BICYCLE AND PEDESTRIAN PROJECTS VARIOUS U-5527 W THE PROJECTS PROMOVER	á	FERRY PROJECTS VARIOUS BRUNSWICK CARTERET NEW HANOVER	
	2	2 2 3 3	VARIOUS BRUNSWI		FERRY PR VARIOUS BRUNSWICI CARTERET NEW HANO	TRN

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

	UNFUNDED	FUTURE YEARS		
		FY 2029		
	DEVELOPMENTAL PROGRAM	FY 2028		
PROJECT BREAKS	DEVELOPME	6 FY 2027		
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		5 FY 2026		- }
ESTIMATED COST		124 FY 2025	GES - UNDER CONST	
TYPE OF WORK /	GRAM	FY 2023 FY 2024	ONE SUPPORT TUG, THREE BARGES - UNDER CONSTRUCTION OR SUPPORT TUG, THREE BARGES - UNDER CONSTRUCTION	
	DELIVERABLE PROGRAM	FY 2022 FY	R TUGS, ONE SUPPO	
	1	FY 2021	TWO SUPPORT/ANCHOR TUGS,	
		S FY 2020	C 3250 A C 2100 B F130001	
aOlad IV	y YEARS	U) (THOU) FUNDS	11600 6250 T T T DIV B DIV B T T T T T T T T T T T T T T T T T T	
1017	PRC	COSI LENGTH (THOU)	± = = = = = = = = = = = = = = = = = = =	
		LOCATION / DESCRIPTION	FOR TUGS AND BARGES CONSTRUCT MOORING FACILITIES.	
	Ē	ID NUMBERS	F-5703	F150236
	ROUTE/CITY	COUNTY	FERRY PROJECTS VARIOUS BEAUFORT BERTIE BRUNSWICK CAMDEN CARTERET CHOWAN CRAVEN CONSLOW C	FISHER BRUNSWICK NEW HANOVER

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

	UNFUNDED	FUTURE YEARS	C 13300										
		FY 2029	C 700										
	AL PROGRAM	FY 2028											
ECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027											
USANDS / PROJI		FY 2026											
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025											FUNDS.
WORK / ESTIMAT		FY 2024						÷					, \$75 FROM STATE
TYPE OF	E PROGRAM	FY 2023			C 7513	TNY		PLANNING, DESIGN, RIGHT-OF-WAY, AND CONSTRUCTION BY CITY OF WILMINGTON					UE CROSS BLUE SHIELD, \$75 FROM STATE FUNDS.
	DELIVERABLE PROGRAM	FY 2022			C 7513	DISCRETIONARY FUNDING PROVIDED FROM FEDERAL CRISI GRANT		ISTRUCTION BY CI					525 FROM BLUE CF
		FY 2021			8 600	PROVIDED FROM F		-OF-WAY, AND CON					UNDER CONSTRUCTION - OTHER FUNDING - \$525 FROM BL
		FY 2020				IONARY FUNDING	C 746	G, DESIGN, RIGHT.		UNDER CONSTRUCTION	C 129		ONSTRUCTION - 0
PRIOR	YEARS	COSI (THOU) FUNDS	Ŀ		4080 T DP	DISCRET	BGANY	PLANNIN	230	UNDERC	37 L TADA	250	UNDER C
TOTAL		(THOU)	14000		45480		933		230		682	250	
		LENGTH			13.0 ND		H. 1.7				0.5	_	
		LOCATION / DESCRIPTION	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.		TIE AND RAIL REHABILITATION. IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CURYE RE-ALIGNMENTS AND UPGRADE SWITCH OPERATIONS. CLOSE AND IMPROVE VARIOUS EXISTING AT GRADE CROSSINGS.		<u>7TS</u> HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.		OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH.		CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).	WILMINGTON. CONSTRUCT BICYCLE AND PEDESTRIAN ACCOMODATIONS ON SOUTH 17TH STREET, WALTMOOR ROAD, AND BETHEL ROAD.	
	ģ	ID NUMBERS	F-5705 F150235		ECTS P-5740 R170187		STRIAN PROJEC EB-5600 B141213		EB-5543		EB-6029	EB-5544	
	ROUTE/CITY	COUNTY	FERRY PROJECTS SOUTHPORT-FORT FISHER BRUNSWICK NEW HANOVER	REG	EREIGHT RAIL PROJECTS CSX SE LINE P-5 NEW HANOVER R1	SW	BICYCLE AND PEDESTRIAN PROJECTS SR 1219 EB-5600 HC (SOUTH 17TH BC STREET) NEW HANOVER B141213	DIV	SR 1403 (MIDDLE SOUND LOOP ROAD) NEW HANOVER	TRN	CARENDON AVENUE NEW HANOVER DIV	GARY SHELL CROSS-CITY TRAIL NEW HANOVER	TRN

SD - State Dollars (Non-STI)

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

				TOTAL	aCiaa				TYP	E OF WORK / I	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	ST IN THOUS	ANDS / PROJ	ECT BREAKS				
ROUTE/CITY	9				YEARS			DELIVER	DELIVERABLE PROGRAM	И				DEVELOPME	DEVELOPMENTAL PROGRAM	AM	'n	UNFUNDED
COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	(THOU) (TI	(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	.4 FY 2025	025	FY 2026	FY 2027	FY 2028	FY 2029		FUTURE YEARS
BICYCLE AND PEDESTRIAN PROJECTS SR 1403 (MIDDLE EB-6027 CC SOUND LOOP), SR 2862 OC (LENDIRE ROAD, OGEDEN BUSINESS LANE NEW HANOVER	EB-6027	CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE.	رن. دن:	1805	305		R 200		7000 C 1000									
BELVILLE ELEMENTARY MULTI USE PATH BRUNSWICK DIV	EB-6026	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.	4.0	151	L TAPDA TAPDA L TAPDA	PE 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		C C 24 2 2 4 4 9 4 4 4 9 4 4 9 4 4 9 4 9 4										
PEACHTREE AVENUE NEW HANOVER DIV	EB-5719 B141312	PARK AVENUE TO MCMILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209	22 TAANY L	C 150				$\frac{1}{1}$						+		\mathbb{H}
RICE HOPE MULTI USE PATH BRUNSWICK DIV	EB-6025	MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE.	0.2	200	L STBGDA STBGDA STBGDA	PE 24		C C R R R										
WILMINGTON NEW HANOVER DIV	EB-6028	CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.	0.0	200	75L TADA	C 25 C 100						H I						$H \mid$
AVIATION PROJECTS	(a)																	

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

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	UNFUNDED	FUTURE YEARS																					
		FY 2029																					
	AL PROGRAM	FY 2028																					
ECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027	C 5100								C 6000			C 7000									
OUSANDS / PROJ		FY 2026			3300																		
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025			H																		
: WORK / ESTIMA		FY 2024																					
TYPE OF	DELIVERABLE PROGRAM	FY 2023																					
	DELIVERAB	FY 2022				1		C 500													C 800		
		FY 2021		:	- I I I I I I I I I I I I I I I I I I I	<u> </u>) BY ILM.) BY ILM.) BY ILM) BY ILM.
		FY 2020			OTHER TUNDS PROVIDED BY ILM.		OTHER FUNDS PROVIDED BY ILM.						OTHER FUNDS PROVIDED BY ILM.				OTHER FUNDS PROVIDED BY ILM			UNDER CONSTRUCTION			OTHER FUNDS PROVIDED BY ILM.
PRIOR	YEARS	COST (THOU) FUNDS	0 ⊢	1	O F	<u>.</u>	OTHERF	⊢0			0 ⊢		OTHERF	o F	<u>.</u>		OTHERF	505		UNDER C	0 -		OTHERF
	PROJ	COST (THOU)	2600		3800			2000			0200			7500				202			1300		
		LENGTH									IM.										.NC		
		LOCATION / DESCRIPTION	TAXIWAY J IMPROVEMENTS.		INCREASE WIDTH OF ALL TAXIWAYS.			EXTEND RUNWAY 6-24PHASE 1			WIDEN NORTH-SOUTH TAXIWAY SYSTEM.			REHABILITATE RUNWAY.				PIPE DITCHES IN FBO #2 AREA.			EXPAND THE GENERAL AVIATION APRON.		
	<u> </u>	ID NUMBERS	AV-5886	A170936	AV-5796	A150423		AV-5730	A130514		AV-5799	A150114		AV-5885		A170916		AV-5713	A130512		AV-5795	A150101	
	ROUTE/CITY	COUNTY	AVIATION PROJECTS WILIMINGTON INTERNATION (ILM)	NEW HANOVER	WILMINGTON	NEW HANOVER	SW	WILMINGTON INTERNATIONAL (ILM)	NEW HANOVER	SW	WILMINGTON INTERNATIONAL (II M)	NEW HANOVER	SW	WILMINGTON	AIRPORT	(ILM) NEW HANOVER	SW	WILMINGTON	NEW HANOVER	SW	WILMINGTON IN MY	NEW HANOVER	SW

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

	UNFUNDED	FUTURE YEARS											
		FY 2029											
	AL PROGRAM	FY 2028											
ECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027											
USANDS / PROJE		FY 2026											
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025											
WORK / ESTIMAT		FY 2024											
TYPE OF	DELIVERABLE PROGRAM	FY 2023											
	DELIVERABL	FY 2022											
		FY 2021	C 3440	BY ILM.	O 5100 C 500	BY ILM.						CP 260 CP 26 CP 26	
		FY 2020		OTHER FUNDS PROVIDED BY ILM.		OTHER FUNDS PROVIDED BY ILM.		UNDER CONSTRUCTION		UNDER CONSTRUCTION		FBUS CP 260 CP L CP 26 CP S CP 26 CP S CP 26 CP FUNDS AUTHORIZED IN PROGRESS	CP 2588 CP 323
PRIOR	YEARS	(THOU) FUNDS	0 -	OTHER FI	<u>- -</u>	OTHER FI	200	UNDERC	200	UNDERC	478 JARC	1249 FBUS L S S FUNDS AI	2836 FBUS
TOTAL	PROJ	(THOU)	3940		2600		200		200		478	1873	6070
		LENGTH											
		LOCATION / DESCRIPTION	EXPANSION OF AIR CARRIER APRON.		TAXIWAY IMPROVEMENTS.		UPGRADE AIRFIELD LIGHTING VAULT.		REHABILITATE GA APRON NORTH.		TS REPLACEMENT HYBRID BUS	REPLACEMENT LTV	REPLACEMENT BUS
	٤	ID NUMBERS	AV-5801 A150118		AV-5798 A150418		AV-5704 A130515		AV-5702 A130508		TA-5134	TA-5222	TA-5223
	ROUTE/CITY	COUNTY	AVIATION PROJECTS WILMINGTON INTERNATIONAL (ILM) NEW HANOVER	SW	WILMINGTON INTERNATIONAL (ILM) NEW HANOVER	SW	WILMINGTON INTERNATIONAL (ILM) NEW HANOVER	SW	WILMINGTON INTERNATIONAL (ILM) NEW HANOVER	SW	PUBLIC TRANSPORTATION PROJECTS CAPE FEAR PUBLIC TA-5134 R TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

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UNFUNDED	FUTURE YEARS			E			
	FY 2029		A	F			
ECT BREAKS DEVELOPMENTAL PROGRAM	FY 2028						
JECT BREAKS DEVELOPMEN	FY 2027						
IOUSANDS / PRO	FY 2026						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS SRAM DEVELOPME	FY 2025						
F WORK / ESTIM	FY 2024						
TYPE C DELIVERABLE PROGRAM	FY 2023						
DELIVERA	FY 2022						
	FY 2021						PROGRESS
	NDS FY 2020	S CP 700		F	SDA	CP 324	FUNDS AUTHORIZED IN PROGRESS L STBGDA
TOTAL PRIOR PROJ YEARS	IST COST OU) (THOU) FUI	700 FBUS	771 771 <mark>FNU</mark>	460 460 FNF	389 389 STBGDA STRODA	1321 956 FUZ	FUNDS AU [*] 2125 2125 L
5 €	CC LENGTH (TH						
	SCRIPTION			VEHICLE			
	LOCATION / DESCRIPTION	PUBLIC TRANSPORTATION PROJECTS CAPE FEAR PUBLIC TA-5224 REPLACEMENT TROLLEY TRANSPORTATION AUTHORITY NEW HANOVER	AL	CAPITAL - REPLACEMENT VEHICLE		REPLACEMENT LTV	WMMTC CONSTRUCTION
	ID NUMBERS	N PROJECTS 5224 REPL	TA-6516 CAPITAL	TA-6552 CAPIT	TA-6700 ADA	TA-5221 REPL	TD-4721 WMM
	_	ANSPORTATIOI UBLIC TA- VION IR					
SHOLL	COUNTY	PUBLIC TRANSF CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

	UNFUNDED	FUTURE YEARS						
		FY 2029						
"	DEVELOPMENTAL PROGRAM	FY 2028						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	DEVELOPM	126 FY 2027						
THOUSANDS		FY 2026						
IIMATED COST IN		FY 2025						
E OF WORK / EST	M	FY 2024						
Ĭ	DELIVERABLE PROGRAM	PY 2023						
	DELIVE	.1 FY 2022						
		20 FY 2021				63	IN PROGRESS	
		JNDS FY 2020	DDA	3GDA	STBGDA	8 8	FBUS	L STBGDA STPDA
OTA! PRIOR	PROJ YEARS	JOST COST HOU) (THOU) FI	638 638 L STPDA	313 313 L STBGDA	325 325 <mark>STB</mark>	3354 3040 FUZ	1256 1256 FBUS L	875 875
F	. – `	LENGTH (T						
		LOCATION / DESCRIPTION	S ADA and Preventive Maintenance	Preventive Maintanence	ADA	PREVENTIVE MAINTENANCE	PREVENTIVE MAINTENANCE	Preventive Maintenance
	9	ID NUMBERS	TATION PROJECTS 76-6170	16-6795	1 G-6796		TG-5244	1G-6784
	ROUTE/CITY	COUNTY	PUBLIC TRANSPORTATION PROJECTS CAPE FEAR PUBLIC TG-6170 A TRANSPORTATION M AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

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	UNFUNDED	FUTURE YEARS						
		FY 2029						
	AL PROGRAM	FY 2028						
JECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027						
OUSANDS / PRO.		FY 2026						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025						
OF WORK / ESTIM		FY 2024						
TYPE	BLE PROGRAM	FY 2023	0 0 0	0 718				
	DELIVERA	FY 2022		218				
		0 FY 2021		N PROGRESS				
		JNDS FY 2020	2	FNU O 218 O FNU L S S S FUNDS AUTHORIZED IN PROGRESS	ο _Σ			
OTA! PRIOR	PROJ YEARS	HOU) (THOU) FUNDS	66 FUZ	2863 1991 FNU FNU SW FN	636 636 <u>JARC</u>	1872 1872 FNF	738 738 FNF	116 FNF
-	\	LENGTH (T	w					
		LOCATION / DESCRIPTION	S Route 201 in Wilmington, upgrade ammenities and bus stops	ADMINISTRATION	OPERATING ASSISTANCE	OPERATING ASSISTANCE - NEW FREEDOM	OPERATING	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS
	ģ	ID NUMBERS	TATION PROJECTS TG-6177 a	TK-6176	TM-6137 C	TN-6108 C	TN-6121 C	TN-5135
	ROUTE/CITY	COUNTY	PUBLIC TRANSPORTATION PROJECTS CAPE FEAR PUBLIC TG-6177 R TRANSPORTATION an AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

SD - State Dollars (Non-STI)

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

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	UNFUNDED	FUTURE YEARS						
		FY 2029						
	IL PROGRAM	FY 2028						
CT BREAKS	DEVELOPMENTAL PROGRAM	FY 2027						
JSANDS / PROJE		FY 2026						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025						
NORK / ESTIMAT		FY 2024						
TYPE OF \	BLE PROGRAM	FY 2023		0 2729 0 2759 0 845		PL 384		
	DELIVERABLI	FY 2022		0 2129 0 2759 0 845		PL 384		88
		FY 2021		0 2759 0 2759 0 845 OGRESS	OGRESS	PL 384 PL 14 PL 14 PL OGRESS	OGRESS	88 80
		5 FY 2020		FUZ 0 2129 0 L	FUZ CP 80 L CP 10 L CP 10 L CP 10 L CP 10 L CP CP 10 L CP CP CP CP CP CP CP	FMPL PL 384 PL L 14 PL S PL S PL S PL S PL S PL PL	FUZ L L L L L L L L L L L L L L L L L L L	88 80
PRIOR	YEARS	COST (THOU) FUNDS	368 JARC L	55630 FUZ L SMAP FUNDS A	200 FUZ L S S FUNDS A	2760 FMPL L S S FUNDS A	150 FUZ	168 FEPD
		COST (THOU)	368	78562	300	4408	150	432
		LENGTH	route		GE GE			
		LOCATION / DESCRIPTION	for express fixed Jowntown Stations	ANCE	NCE - SHORT RAN	NCE - 5303		iervice
		LOCATION	S Operating Assistance for express fixed route serving Forden and Downtown Stations	OPERATING ASSISTANCE	PLANNING ASSISTANCE - SHORT RANGE DEVEL OPMENT	PLANNING ASSISTANCE - 5303	PLANNIG SRTP	Capital Purchase of Service
	9	ID NUMBERS	TION PROJECTS TO-5210 se	TO-4751 0	TP-5110 D	TP-5111 P	TP-5125 P	TQ-9001 C
	ROUTE/CITY	COUNTY	PUBLIC TRANSPORTAT CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

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

	UNFUNDED	FUTURE YEARS						
		FY 2029						
	DEVELOPMENTAL PROGRAM	FY 2028						
JECT BREAKS	DEVELOPMEN	FY 2027						
OUSANDS / PRO,		FY 2026						
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025						
F WORK / ESTIMA		FY 2024						
TYPE 0	DELIVERABLE PROGRAM	FY 2023						
	DELIVERAE	FY 2022		Щ				AD 28
		FY 2021		PROGRESS			PROGRESS	AD 28
		DS FY 2020		L S S FUNDS AUTHORIZED IN PROGRESS			FED 0 85	AD 28
AL PRIOR	J YEARS	I COSI U) (THOU) FUNDS	20 20 FEPD L	176 176 EPD S S S S S S S S S S S S S S S S S S S	250 250 FEPD L L S S S S S S S S S S S S S S S S S	117 117 <u>L</u>	1190 1020 <u>FEPD</u> L L L L L L L L L	156 72 FEPD
101	PRO	COSI LENGTH (THOU)		_	2		Ħ	
			Vehicle		URCHASE OF	e Vehicle		
		LOCATION / DESCRIPTION	S310 Capital Project - Service Vehicle	Capital - Purchase of Service	OPERATING ASSISTANCE - PURCHASE OF SERVICE	5310 Capital Project - Revenue Vehicle	OPERATING ASSISTANCE	Project Administration
	٤	ID NUMBERS LO	DUECT					
	-	NON	ORT	ΤΩ-9011	TQ-6157	TQ-9036	TQ-6513	TQ-7005
	ROUTE/CITY	COUNTY	PUBLIC TRANSPORT CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY ONSLOW SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

	UNFUNDED	FUTURE YEARS				
		FY 2029				
	DEVELOPIMENTAL PROGRAM	FY 2028				
OJECT BREAKS	DEVELOPME	FY 2027				
THOUSANDS / PR		FY 2026				
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025				
OF WORK / EST		FY 2024				
TYPE	DELIVERABLE PROGRAM	FY 2023			CP 22	
	DELIVERA	FY 2022			CP 22	
		FY 2021		PROGRESS	CP 22	PROGRESS
		FY 2020	CP 41	FUNDS AUTHORIZED IN PROGRESS	CP 22	FUNDS AUTHORIZED IN PROGRESS
TOTAL PRIOR	PROJ YEARS	COST COST (THOU) (THOU) FUNDS	306 255 FEPD	FUNDS AU	326 230 FUZ	FUNDS AU
		LENGTH			JC	
		LOCATION / DESCRIPTION	<u>S</u> Mobility manager		SAFETY & SECURITY - MIN. 1% SET ASIDE	
	!	ID NUMBERS	TQ-8019		TS-5103 Sv	
	VTIO/STIDE	COUNTY	PUBLIC TRANSPORTA CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	SD

STATEWIDE PROJECT

	UNFUNDED	FUTURE YEARS			
		FY 2029	C 100000		48 DIV
	ROGRAM	FY 2027 FY 2028 FY 2029	C 100000 C		48 DIV PE
EAKS	DEVELOPMENTAL PROGRAM	2027 F	C 95800 C		48 DIV PE
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	DEVEL				48 DIV PE
USANDS / P		FY 2026	C 85615		PE 48
ST IN THOU		025	889		48 DIV
IMATED CC		FY 2025	C 69588		48 DIV PE
VORK / EST		FY 2024			PE 48 D
TYPE OF \	GRAM	FY 2023			48 DIV
	DELIVERABLE PROGRAM				B DIV PE
	DELIVE	FY 2022			PE 4
		FY 2021			48 DIV
					48 DIV PE
		S FY 2			PE
PRIOR	YEARS	COST COST (THOU) (THOU) FUNDS FY 2020	NHPIM		4180 T
TOTAL	PROJ	COST (THOU)	451003		2780
		LENGTH			
		LOCATION / DESCRIPTION	INTERSTATE MAINTENANCE BALANCE.		HYDRAULICS, PRELIMINARY ENGINEERING
	!	ID NUMBERS	JECTS I-9999		M-0392
	VIIOITIO	COUNTY	INTERSTATE PROJECTS VARIOUS STATEWIDE	SW	RURAL PROJECTS VARIOUS

B B

48 DIV PE 48 REG PE 64 SW PE

48 DIV PE 48 REG PE 64 SW PE

HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.

STATEWIDE

HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. 48 REG PE 48 REG PE 64 SW PE

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		300		300 DIV 300 REG 400 SW		270 DIV 270 REG 360 SW	
		300 PE		300 DIV PE 300 REG PE 400 SW PE		270 DIV PE 270 REG PE 360 SW PE	
		300 PE		300 DIV PE 300 REG PE 400 SW PE		270 DIV PE 270 REG PE 360 SW PE	
		300 PE		300 DIV PE 300 REG PE 400 SW PE		270 DIV PE 270 REG PE 270 SW PE	PECIFIC WORK. PECIFIC WORK. PECIFIC WORK.
						# # H	COJECT SP COJECT SP COJECT SP
JECTS. JECTS.		900 sol		PE 300 DIV 300 REG PE 400 SW	OUS PROJECTS. OUS PROJECTS. OUS PROJECTS.	3 PE 270 DIV 270 REG PE 360 SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.
LEOUS PRO LEOUS PRO		300		300 DIV PE 300 REG PE 400 SW PE	SCELLANE SCELLANE SCELLANE	270 DIV PE 270 REG PE 360 SW PE	S PROJECT S PROJECT S PROJECT
INEERING FOR MISCELLANEOUS PROJECTS. INEERING FOR MISCELLANEOUS PROJECTS.		300 PE		300 DIV PE 300 REG PE 400 SW PE	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	270 DIV PE 270 REG PE 360 SW PE	INVESTIGATIONS INVESTIGATIONS INVESTIGATIONS
RY ENGINEERING RY ENGINEERING		300 PE		300 DIV PE 300 REG PE 400 SW PE	ELIMINARY ENG ELIMINARY ENG ELIMINARY ENG	270 DIV PE 270 REG PE 360 SW PE	AL STUDIES AND AL STUDIES AND AL STUDIES AND
HYDRAULICS, PRELIMINARY ENG HYDRAULICS, PRELIMINARY ENG		<u> </u>		SW PE	RVICES, PR RVICES, PR RVICES, PR	SW PE	EOTECHNIC EOTECHNIC EOTECHNIC
DRAULICS, DRAULICS,		PE 300		PE 300 DIV PE 300 REG PE 400 SW	CHNICAL SE	E 270 DIV E 270 REG E 360 SW	ATEWIDE GI ATEWIDE GI ATEWIDE GI
ΗH		300 B		300 DIV PE 300 REG PE 400 SW PE	7E(270 DIV PE 270 REG PE 360 SW PE	ST, ST,
REG REG SW SW	COGRESS	<u>BE</u>		3 3 3	DIV DIV REG REG SW SW IN PROGRESS	BE PE	DIV REG SW
SW SW	2	535 T		17088 T T	DIV REG SW IN PR	12931 T	DIV REG SW
		3535		27088		21841	
		TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY- ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.	
		M-0505		M-0360		M-0376	
		VARIOUS STATEWIDE	DIV	VARIOUS	STATEWIDE	VARIOUS	STATEWIDE

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IN PROGRESS

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

HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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				TOTAL PR	PRIOR					I TPE OF WO	JKK / ES I IMA	I THE UF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	HOUSANDS	/ PROJECT	SKEANS			
ROUTE/CITY	٤				YEARS			DELIV	DELIVERABLE PROGRAM	SRAM				DEV	DEVELOPMENTAL PROGRAM	- PROGRAM		UNFUNDED
COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	ON LENGTH	COSI CO (THOU) (TH	(THOU) FUNDS	FY 2020	FY 2021	FY 2022		FY 2023	FY 2024	FY 2025	FY 2	2026 F	FY 2027	FY 2028	FY 2029	FUTURE YEARS
RURAL PROJECTS VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.	OR STIP	1412	712 T	PE 21 DIV PE 21 REG PE 28 SW	3 d B	3 3 3	21 DIV PE 21 REG PE 28 SW PE	21 DIV PE 21 REG PE 28 SW PE	21 DIV 21 REG 28 SW	PE 21 DIV PE 21 REG PE 28 SW		21 DIV PE 21 REG PE 28 SW PE	21 DIV PE 21 REG PE 28 SW PE	21 DIV PE 21 REG PE 28 SW PE	PE 21 DIV PE 21 REG PE 28 SW	
STATEWIDE					DIV DIV REG REG SW SW		STATEWIDE L. STATEWIDE L. STATEWIDE L.	ANDSCAPE PLANDSCAPE PL	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS. STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS. STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.	ONSTRUCTION ONSTRUCTION ONSTRUCTION	1							
VARIOUS STATEWIDE DIV	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.	F EXISTING	3100	3100 IN PROGRESS	SS.												
VARIOUS	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELL ANEDIS PROJECTS	NCH,	684	384T	PE 100 DIV PE 100 REG	_ 0 -	$\frac{1}{1}$				Ш	Щ		H			
STATEWIDE					DIV DIV REG REG SW SW			TION PLANNIN TION PLANNIN	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER. TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER. TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.	FFIC FORECAS FFIC FORECAS FFIC FORECAS	STING FOR MIS STING FOR MIS STING FOR MIS	RANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER. RANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIE RANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TI	ROJECTS ON ROJECTS ON ROJECTS ON	THE DIVISION THE REGIONA THE STATEWII	TIER. L'TIER. DE TIER.			_
					IN PROGRESS	SS												
VARIOUS STATEWIDE	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)	CH, ND 3E FROM HB 2346,	6994	6994													
DIV					UNDER CON	UNDER CONSTRUCTION												
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.	NEERING PROGRAM IERGENCY ID JGRAM SIGNAM SIGNAM SIGNAM SIGNAM	22000	2000 T T DIV DIV REG REG	PE 600 DIV PE 800 SW PE PE 800 SW PE PE 800 SW PE	100 1 1	DIV PE 6 REG PE 6 SW PE 8 Y ENGINEERING FIP) COMPLIAN	PE	600 REG PE 800 SW PE WAY FLOODPI RESILIENCE.	600 DIV 600 REG 800 SW AIN PROGRAM	PE	PE PE CITATE FEDER	600 DIV PE 600 REG PE 800 SW PE RAL EMERGEN	600 DIV PE 600 REG PE 800 SW PE :Y MANAGEMEN:	600 DIV 600 REG 800 SW FEI NT AGENCY (FEI NT AGENCY	PE	PE 600 DIV PE 600 REG PE 600 REG
					SW SW IN PROGRESS	SS	PROGRAM (NF PRELIMINARY PROGRAM (NF	IP) COMPLIAN ' ENGINEERING IP) COMPLIAN	CE AND FLOOD S FOR THE HIGH CE AND FLOOD	RESILIENCE. WAY FLOODPI RESILIENCE.	LAIN PROGRAIN	(HFP) TO FACII	.ITATE FEDER	AL EMERGENG	Y MANAGEMEI	NT AGENCY (FEI	AA) AND NATION	PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE. 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.
VARIOUS STATEWIDE	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.	OF LOCAL BY THE	2750	250T	R 250	R 250	R 2	250 R	250 R	250	R 250	<u>«</u>	250 R	250 R	250	R 250	
DIV																		
DIV - Division Category HF - State Dollars (Non STI) SW - Statewide Category] <u>[</u>	- Exempt Category G - Regional Category I - Transition Project	SD - State Dolla	State Dollars (Non-STI)				Page 2 of	of 15								Tuesd	Tuesday, August 6, 2019

HIGHWA

STATEWIDE PROJECT

	UNFUNDED	FUTURE YEARS						E									
		FY 2029	150 DIV 150 REG 200 SW		75 DIV 75 REG	we hou		200		120 DIV 120 REG 160 SW							
	iRAM		150 DIV PE 150 REG PE 200 SW PE		75 DIV PE 75 REG PE	Me la		OI		120 DIV PE 120 REG PE 160 SW PE							
	DEVELOPMENTAL PROGRAM	FY 2028	3 3 3			<u> </u>		PE 200		3 3 3 3 4	 -						
CT BREAKS) EVEL OPME	FY 2027	PE 150 DIV PE 150 REG PE 200 SW	ILLANEOUS P	75	100 20		PE 200		PE 120 DIV PE 120 REG PE 160 SW							
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	1	FY 2026	150 DIV F 150 REG F 200 SW	MISC	DIV	Mc mi		200		120 DIV F							
IN THOUSAN		" 	150 DIV PE 150 REG PE 200 SW PE	Y ENGINEERII Y ENGINEERII Y ENGINEERII		MA A		<u> </u>		DIV REG PE SW PE	<u>.</u> 1		 				
ATED COST		FY 2025		, PRELIMINAR , PRELIMINAR , PRELIMINAR	PE 75	PEL TOURSW S PROJECTS S PROJECTS		PE 200		PE 120 PE 120 PE 160	S PROJECTS. S PROJECTS. S PROJECTS.						
ORK / ESTIM		FY 2024	150 DIV 150 REG 200 SW	AL ANALYSIS AL ANALYSIS AL ANALYSIS		SCELLANEOUS SCELLANEOUS SCELLANEOUS		200		120 DIV 120 REG 160 SW	SCELLANEOU SCELLANEOU SCELLANEOU						
TYPE OF WC	SRAM	FY 2023	150 DIV PE 150 REG PE 200 SW PE	NVIRONMENT NVIRONMENT NVIRONMENT		TPEI TUUJSW [PE] T		200 PE		120 DIV PE 120 REG PE 160 SW PE	1 5 5 5						
	DELIVERABLE PROGRAM		150 DIV PE 150 REG PE 200 SW PE	PMENT AND E PMENT AND E PMENT AND E	_ O .	Jaw Pej Ary Enginee Ary Enginee Ary Enginee		Ⅱ		120 DIV PE 120 REG PE 160 SW PE	IARY ENGINEE IARY ENGINEE IARY ENGINEE						
	DELIVEF	FY 2022	3 3 3	ECT DEVELOI ECT DEVELOI ECT DEVELOI	# # # # 7	L FEL TUDISM RY, PRELIMINARY RY, PRELIMINARY RY, PRELIMINARY		PE 200			GN, PRELIMIN GN, PRELIMIN GN, PRELIMIN						
		FY 2021	150 DIV 150 REG 200 SW	TEWIDE PROJ TEWIDE PROJ TEWIDE PROJ		I TUDISW TOGRAMMET TOGRAMMET		200		120 DIV 120 REG 160 SW	UCTURE DESI UCTURE DESI UCTURE DESI						
		FY 2020	150 DIV PE 150 REG PE 200 SW PE		(D	PHOI PHOI PHOI PHOI		200 PE		120 DIV PE 120 REG PE 160 SW PE							
		FUNDS FY	3 3 3	DIV REG SW	3 3 2	DIV REG SW		<u>PE</u>		34 B	DIV REG SW	IN PROGRESS		IN PROGRESS		IN PROGRESS	
PRIOR	YEARS	(THOU) FU	70007 T T T	DIV REG SW	4258 T	DIV REG SW		1064 T		4076 T T	DIV REG SW	N N	244131	N	278058	N N	
TOTAL	PROJ	(THOU)	12000		6758			3064		8076			244131		278058		
		LENGTH											<u>.</u>				
		RIPTION	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS		IINARY ANEOUS			TOLLING/FINANCIAL FEASIBILITY STUDIES.		IINARY ANEOUS			TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		
		LOCATION / DESCRIPTION	OJECT DEVEL AL ANALYSIS, FOR MISCELL		ETRY, PRELIN			ICIAL FEASIBI		SIGN, PRELIN FOR MISCELL			ATIONS (INCIE 511, SMARTL		EN OPERATIO		
		LOCAT	STATEWIDE PROJECT DEVELOPMENT ENVIRONMENTAL ANALYSIS, PRELIMI ENGINEERING FOR MISCELLANEOUS	ROJECTS.	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS			OLLING/FINA!		STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.			RAFFIC OPER		TRAFFIC SYSTEM OPERA (SIGNAL MAINTENANCE).		
	Ē	NUMBERS		_		-											
		~	TS M-0479		M-0219			M-0452		M-0391			: <u>TS</u> R-4049		R-4701		
	ROUTE/CITY	COUNTY	RURAL PROJECTS Various	STATEWIDE	VARIOUS	STATEWIDE	SW	VARIOUS STATEWIDE	SW	VARIOUS	STATEWIDE		RURAL PROJECTS VARIOUS STATEWIDE		VARIOUS STATEWIDE		

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Tuesday, August 6, 2019

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

STATEWIDE PROJECT

			TOTAL	PRIOR				TYPE OI	- WORK / ESTIM	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	OUSANDS / PROJ	ECT BREAKS			
ROUTE/CITY	9			YEARS			DELIVERA	DELIVERABLE PROGRAM				DEVELOPMEN	DEVELOPMENTAL PROGRAM		UNFUNDED
COUNTY	NUMBERS	LOCATION / DESCRIPTION LENGTH		(THOU) FUNDS	S FY 2020	D FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
RURAL PROJECTS VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.	20234	20234											
				IN PROGRESS	RESS										
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										
Ä				PROGRA	PROGRAM IN PROGRESS	SS									
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).	91242	91242											
				IN PROGRESS											
VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.	73915	43915 BG BG BG	C C 90	900 DIV C 900 DIV 900 REG C 900 REG 1200 SW C 1200 SW	IV C 900 DIV EG C 900 REG W C 1200 SW	V C 900 DIV EG C 900 REG W C 1200 SW	C 900 DIV C 900 REG C 1200 SW	C 900 DIV C 900 REG C 1200 SW	C 900 DIV C 900 REG C 1200 SW	C 900 DIV C 900 REG C 1200 SW	C 900 DIV C 900 REG C 1200 SW	C 900 DIV C 900 REG C 1200 SW	
STATEWIDE				- CD			RETROFIT FOUR RETROFIT FOUR RETROFIT FOUR	EN SITES EN SITES EN SITES	R TO PROTECT W R TO PROTECT W R TO PROTECT W	ATER QUALITY - DIV ATER QUALITY - RE ATER QUALITY - ST	ISION CATEGORY.	IN PROGRESS IN PROGRESS Y IN PROGRESS	1		
				IN PROGRESS	RESS										
VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.	155559	145559 NHP NHP T T T T T T T T T		150 DIV M 150 DIV 150 REG M 150 REG 200 SW M 200 SW 150 DIV M 150 DIV 150 REG M 150 REG 200 SW M 200 SW ENVIRONMENTAL N ENVIRONMENTAL N ENVIRONMENTAL N	M	V M 150 DIV EG M 150 REG N M 200 SW V M 150 DIV EG M 150 REG N M 200 SW D MINIMIZATION. D MINIMIZATION.	M 150 DIV M 200 SW M 150 REG M 150 DIV M 200 SW	M 150 DIV M 200 SW M 150 DIV M 150 DIV M 150 DIV M 200 SW	M 150 DIV M 200 SW M 150 DIV M 150 DIV M 150 REG M 200 SW	M 150 DIV M 200 SW M 150 DIV M 150 DIV M 200 SW	M 150 DIV M 200 SW M 150 DIV M 150 DIV M 150 DIV M 200 SW	M 150 DIV M 200 SW M 150 REG M 150 DIV M 150 REG M 200 SW	
oroni Cad Horida				IN PROGRESS	RESS										
BRIDGE PROJECTS															

EX - Exempt Category SD - State Dollars (Non-STI) REG - Regional Category

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STATEWIDE PROJECT

	UNFUNDED	FUTURE YEAR	
		FY 2029	
	TAL PROGRAM	FY 2028	
ECT BREAKS	DEVELOPMENTAL PROGRAM	FY 2026 FY 2027	
JUSANDS / PROJ		FY 2026	
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025	
WORK / ESTIMAT		FY 2024 FY 2025	
TYPE OF	IVERABLE PROGRAM	FY 2023	
	DELIVERABLI	FY 2022	
		FY 2021	
		FY 2020	
TOTAL PRIOR		COST COST (THOU) (THOU) FUNDS FY 2020	
		LENGTH	
		LOCATION / DESCRIPTION	
	!	ID NUMBERS	
	POLITE/CITY	COUNTY	

	UNFUNDED	FY 2029 FUTURE YEARS	7200 DIV 7200 REG 9600 SW	C 30000				
0	DEVELOPIMENTAL PROGRAM	FY 2028	DIV 1 7200 DIV REG 7200 REG 7200 REG SW 1 9600 SW					
I FRUJECI BREAK	DEVELOPIN	026 FY 2027	7200 DIV 1 7200 DIV 7200 REG 7200 REG 9600 SW 9600 SW	509 C 16943				
SOME IN LEGISLANDS		FY 2025 FY 2026	7200 DIV 7.7 7200 REG 7.9 9600 SW 9900 SW	25157 C 26509				
THE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT DREAMS		FY 2024 FY	7200 DIV 7200 REG 9600 SW	C 21682 C				
ם בו	DELIVERABLE PROGRAM	2 FY 2023	DIV 1 7200 DIV 1 7200 DIV 1 7200 REG 1 7200 REG SW 1 9600 SW N. N. N.	C 12031				
	DELIVER	FY 2021 FY 2022	7200 DIV 1 7200 1 7200 1 7200 1 7200 1 7200 1 7200 1 9600				: MOTOR VEHICLES	
		FY 2020 FY	7200 DIV 7200 REG 9600 SW BRIDGE BRIDGE	83			IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES	
AL PRIOR	J YEARS	J COSI U) (THOU) FUNDS	154 257354BG BG BG DIV DIV REG REG SW SW	IN PROGRESS R22 BGOFF		6702 6702	IN PROGRES	
TOTAL	PRO	LENGTH (THOU)	497354	162322				
		LOCATION / DESCRIPTION	BRIDGE INSPECTION PROGRAM.	BRIDGE REPLACEMENT HOLDOUT.		DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (IM) PROGRAM.		
	9	ID NUMBERS	B-9999	B-8888		ATION PROJECTS C-3600		
	ROUTE/CITY	COUNTY	BRIDGE PROJECTS VARIOUS STATEWIDE	VARIOUS STATEWIDE	DIV	CONGESTION MITIGA VARIOUS STATEWIDE	Ä	

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PART	817	204	817	204	01	1226	817	204	817	204	
BY DE			8	2	4901	12	8	2	8	2	
RESS	PE	PE	R	R	၁	C	0	0			
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES	41540 CMAQ	S(M)	CMAQ	S(M)	CMAQ	S(M)	CMAQ	S(M)	CMAQ	S(M)	
	51751										
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	MPRC	ENT/									
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	CMA(Υ	CEA								
	STATEWIDE CMAQ PROJECTS TO IMPROVE	ALI	MAINTENANCE AREAS.								
	TATE	ir a	MAINT								
	رن	4	_								
	C-5600										

STATEWIDE

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HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

STATEWIDE PROJECT

					PRIOR				TYPE OF W	ORK / ESTIMATE	D COST IN THO	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	ECT BREAKS			
ROUTE/CITY	٤				YEARS			DELIVERABLE PROGRAM	PROGRAM				DEVELOPMENTAL PROGRAM	AL PROGRAM		UNFUNDED
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
CONGESTION MITIGA- VARIOUS	GATION PROJECTS C-5601	S CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.	_	1468	CMAQ	PE 118 PE 29 R 118										
					L	R 29										
					CMAQ	2 18										
					CMAQ											
STATEWIDE					_	R7		- - -	- - -	_ _ _				- - -		
ă																
VARIOUS	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN		2994												
		FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING					NORTH CAROLINA CLEAN EI COUNTIES IN PROGRESS	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES IN PROGRESS	CHNOLOGY CENTER	R. CONDUCT A CL	EAN-FUEL ADVAN	NCED TECHNOLOG	Y OUTREACH AND	AWARENESS PROG	3RAM IN ALL CMAC	-ELIGIBLE
		EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.	_		m 0		NORTH CAROLINA	NORTH CAROLINA CLEAR ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES IN PROGRESS NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.	CHNOLOGY CENTER	r. Emissions-kei R. Emissions-rei	JUCING SUB-AWA JUCING SUB-AWA	ARDS IN ALL CIMAQ ARDS IN ALL CIMAQ	ELIGIBLE COUNTII	ES IN PROGRESS ES.		
X																
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500											
EX					IN PROGRE	SS BY NCDENR	IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY	UALITY								
NORTH CAROLINA STATE UNIVERSITY	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION		4694	4694											
STATEWIDE		PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.			EX		PHASE 2 OF IMPLEMENTATION	EMENTATION								
ă					IN PROGRE	SS BY NORTH C.	IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY	NIVERSITY								
STATEWIDE STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON- ATTAINMENT AREAS.		300000	СМАФ	C 30000	C 30000	C 30000	C 30000 C	30000	30000	c 30000	C 30000	C 30000	30000	
EX																
HIGHWAY SAFETY PROJECTS	PROJECTS															
DIV - Division Category HF - State Dollars (Non STI) SW - Statewide Category	STI)	- Exempt Category SD - G - Regional Category I - Transition Project	State Dollars (Non-STI)	(Non-STI)				Page 6 of 15							Tuesday	Tuesday, August 6, 2019
]											

HIGHWAY PROGRAM

STATEWIDE PROJECT

					X.				TYPE OF	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	TED COST IN TH	OUSANDS / PRC	JECT BREAKS			
ROUTE/CITY	9			•	RS			DELIVERABLE	LE PROGRAM				DEVELOPIME	DEVELOPMENTAL PROGRAM		UNFUNDED
COUNTY	N	LOCATION / DESCRIPTION	LENGTH	(THOU) (THOU)	SI OU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
HIGHWAY SAFETY PROJ VARIOUS	ECTS V-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000	HSH HSH	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	C 450 DIV C 450 REG C 600 SW	G C 450 DIV C 600 SW	G C 450 DIV C 600 SW	C 450 DIV C 450 REG C 600 SW	
STATEWIDE					DIV DIV REG REG SW SW		IGNAL RETIMING TO IGNAL RETIMING TO IGNAL RETIMING TO	O IMPROVE SAFETY. O IMPROVE SAFETY. O IMPROVE SAFETY.								
VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		149943 1303	130343HSIP HSIP HSIP HSIP HSIP HSIP		K O K O K O									
STATEWIDE					DIV DIV REG REG SW SW	3300 Jaw	I CI 3360JSW I I I I I I I I I I I I I I I I I I I	I L Jardrail, Safett Jardrail, Safett Jardrail, Safett	AND LIGHTING AND LIGHTING AND LIGHTING	IMPROVEMENTS A: IMPROVEMENTS A: IMPROVEMENTS A1	T SELECTED LOCA SELECTED LOCA SELECTED LOCA	ATIONS ON DIVISIC ATIONS ON REGION ATIONS ON STATW	N CATEGORY. IAL CATEGORY. DE CATEGORY.			
VARIOUS STATEWIDE	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500 15	1500	2										
VARIOUS STATEWIDE	W-5717	HIGHWAY SYSTEM DATA COLLECTION.		2000	HSIP HSIP DIV DIV REG REG SW SW	PE 150 DIV PE 150 REG PE 200 SW	150 DIV 150 REG 200 SW WAY SYSTEM WAY SYSTEM	PE 150 DIV PE 150 REG PE 200 SW PE 200 SW PDATA COLLECTION DATA COLLECTION DATA COLLECTION	E 150 DIV E 150 REG E 200 SW	PE 150 DIV PE 150 NEG PE 200 SW	PE 150 DIV PE 150 REG PE 200 SW	PE 150 DIV PE 150 REG PE 200 SW	PE	PE 150 DIV PE 150 REG PE 200 SW	PE	
VARIOUS	M-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		505525	HSIP HSIP DIV DIV REG REG SW SW	C 12750 DIV C 12675 REG C 16900 SW	C 12960 DIV C 12960 DIV C 12960 REG C 17280 SW IGHWAY SAFETY IM IIGHWAY SAFETY IM IIGHWAY SAFETY IM	C 15750 DIV 15750 DIV 250 DIV	C 15750 DIV C 15750 DIV C 21000 SW C 21000 SW C S	C 15750 DIV C 15750 REG C 21000 SW	C 15750 DIV C 15750 REG C 21000 SW	C 15750 DIV C 15750 REG C 21000 SW	C 15750 DIV G C 15750 REG C 21000 SW	C 15750 DIV G C 15750 REG C 21000 SW	C 15750 DIV C 15750 REG C 21000 SW	
DIV - Division Category HF - State Dollars (Non STI) SW - Statewide Category		EX - Exempt Category SD - Sta REG - Regional Category TRN - Transition Project	State Dollars (Non-STI)	(Non-STI)				Page 7 of 15							Tuesda	Tuesday, August 6, 2019

STATEWIDE PROJECT

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				PRIOR				TYPE OF	WORK / ESTIM	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	OUSANDS / PROJ	ECT BREAKS			
				YEARS			DELIVERABL	DELIVERABLE PROGRAM				DEVELOPMENTAL PROGRAM	TAL PROGRAM		UNFUNDED
_	LOCATION / DESCRIPTION	LENGTH	THOU) (T	COST (THOU) FUNDS	S FY 2020	20 FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
SAFETY I IDENTIFIC PRELIMIN	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	5	22101	22101 DIV D REG R SW S	DIV REG SW	SAFETY MANAG SAFETY MANAG SAFETY MANAG	EMENT PROGRAM, F EMENT PROGRAM, F EMENT PROGRAM, F	PROJECT IDENTIFIC PROJECT IDENTIFIC PROJECT IDENTIFIC	CATION, ANALYSI CATION, ANALYSI CATION, ANALYSI	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	/ ENGINEERING. / ENGINEERING. / ENGINEERING.				
SAFEI IDENT PRELI	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	5	55000	HSIP HSIP HSIP DIV D REG R	PE 16 16 16 16 16 16 16 16	1650 DIV PE 1650 DIV 1650 REG PE 1650 REG 2200 SW PE 2200 SW SAFETY MANAGEN SAFETY MANAGEN SAFETY MANAGEN	V PE 1650 DIV CO PE 1650 REG REG V PE 2200 SW FE EMENT PROGRAM, FEMENT PROGRAM	DIV PE 1650 DIV REG PE 1650 REG PE 1650 REG PE 2200 SW AM, PROJECT IDENTIFICAM, PROJECT IDENTIFICAM	PE 1650 DIV PE 2200 SW PE 2200 SW CATION, ANALYSIS CATION, ANALYSIS	PE	≥ાં ≥	PE 1650 DIV PE 2200 SW	PE 1650 DIV PE 1650 REG PE 2200 SW	PE	
SIGN	SIGNAL RETIMING TO IMPROVE SAFETY.		3500	3500 DIV DIV REG REG SW SW IN PROGRESS	DIV REG SW SORESS	SIGNAL RETIMIN SIGNAL RETIMIN SIGNAL RETIMIN	SIGNAL RETIMING TO IMPROVE SAFETY. SIGNAL RETIMING TO IMPROVE SAFETY. SIGNAL RETIMING TO IMPROVE SAFETY.	ET.Y.							
SAFE ROUTES TO SCHOOLS PROJECTS NARIOUS SR-5000 SAFE STATEWIDE EDUC	TS SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON- INFRASTRUCTURE NEEDS.		6435	6435 IN PROGRESS	GRESS										
SAFI PRO POLI	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		16339	16339 IN PROC	GRESS - \$200	IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C	ILLOCATED TO SR-56	001C							
ESI	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		2500	2500 IN DROGBESS	V U Q										
					22-140										

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

HIGHWAY PROGRAM

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ROUTE/CITY	<u> </u>				YEARS			DELIVERA	ABLE PROGRAM				DEVELOPMENTAL PROGRAM	AL PROGRAM		UNFUNDED
COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	C LENGTH (TI	соз с (ТНОU) (ТН	COSI (THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
BRIDGE PROJECTS VARIOUS STATEWIDE	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		12337 1	12337											
DIV					UNDERC	UNDER CONSTRUCTION	-									
VARIOUS STATEWIDE	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		10918 1	10918											
DIV					IN PROGRESS	ESS										
VARIOUS STATEWIDE	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		32648	32648 DIV DIV REG REG SW SW	. 0 .	BRIDGE PRES BRIDGE PRES BRIDGE PRES	SERVATION ISSUES SERVATION ISSUES SERVATION ISSUES	BRIDGE PRESERVATION ISSUES AT SELECTED SITES. BRIDGE PRESERVATION ISSUES AT SELECTED SITES. BRIDGE PRESERVATION ISSUES AT SELECTED SITES.							
VARIOUS STATEWIDE	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264	3264 BG	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	
DIV					IN PROGRESS	RESS										
						<u> </u>	NON-HIGH	NON-HIGHWAY PROGRAM	RAM							
STATEWIDE PRO	ROJECT															
			ĭ		PRIOR				TYPE 0	F WORK / ESTIM/	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	USANDS / PROJ	CT BREAKS			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	C C LENGTH (TI	PROJ YE COST C(THOU) (TH	YEARS COST (THOU) FUNDS	FY 2020	FY 2021		DELIVERABLE PROGRAM FY 2022 FY 2023	FY 2024	FY 2025	FY 2026	DEVELOPMENTAL PROGRAM FY 2027 FY 2028	AL PROGRAM FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PASSENGER RAIL PROJECTS NORTH CAROLINA C-5571 RAILROAD STATEWIDE	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456											
X					IN PROGRESS	RESS										
BICYCLE AND PEDESTI VARIOUS STATEWIDE	STRIAN PROJECTS E-4018 NV	IS NATIONAL RECREATIONAL TRAILS.		13845	1845 <u>TA</u>	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
DIV					IN PROGRESS	RESS										
PASSENGER RAIL PROJECTS	OJECTS															

SD - State Dollars (Non-STI)

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

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STATEWIDE PROJECT

CT BREAKS		FY 2028 FY 2029 1010ht 1200ht 120	PE 300 DIV PE 300 DIV PE 300 REG PE 300 REG PE 400 SW PE 400				-	PE 1000 PE 1000								R 500 R 500	- - -		
THOUSANDS / PROJECT BREAKS		FY 2026 FY 2027	PE 300 DIV PE 300 DIV PE 300 REG PE 300 REG PE 400 SW PE 400 SW				-	PE 1000 PE 1000							'NMENTS.	R 500 R 500	- - -		
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2023 FY 2024 FY 2025	300 DIV PE 300 DIV PE 300 DIV 300 REG PE 300 REG PE 300 REG 400 SW PE 400 SW PE 400 SW				-	1000 PE 1000 PE 1000						10000	ONSTRUCTION OF TRAILS BY LOCAL GOVEF	500 R 500 R 500 2500 C 2500 C 2500			
TYPE	DELIVER	FY 2021 FY 2022 F	V PE 300 DIV PE 300 DIV PE EG PE 300 REG PE 300 REG PE V PE 400 SW PE 400 SW PE	STATEWIDE RAIL PRELIMINARY ENGINEERING STATEWIDE RAIL PRELIMINARY ENGINEERING STATEWIDE RAIL PRELIMINARY ENGINEERING				PE			OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY. IN PROGRESS				LOCAL FUNDS REPRESENT LOCAL MATCH FOR RIGHT-OF-WAY AND CONSTRUCTION OF TRAILS BY LOCAL GOVERNMENTS.	R 500 R 500 R	-		
	COST	_	14170 4170 T PE 300 DIV T PE 300 REG T PE 400 SW	DIV DIV REG REG SW SW	6476 6476		UNDER CONSTRI	11503 1503 BG PE 1000			OTHER FUNDS REPRESEN		IN PROGRESS	12500 L R 500 TALT5 R 2000 L L	LOCAL FUNDS REPRESEN	31944 1944 RR 500 RR 500 RR C 2500		IN PROGRESS	
		LOCATION / DESCRIPTION LENGTH (STATEWIDE RAIL PRELIMINARY Engineering		STATEWIDE PEDESTRIAN FACILITIES	OROGRAM.		STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		SAFE ROUTES TO SCHOOL EDUCATION.		ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.		RAILS TO TRAILS PROGRAM		TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.			
	<u>Q</u>	NUMBERS	<u>OJECTS</u> P-5602		BICYCLE AND PEDESTRIAN PROJECTS VARIOUS EB-3314 ST			EB-5542 S		EB-6033		EB-4411 S		EB-6037 F					IL PROJECTS
	ROUTE/CITY	COUNTY	PASSENGER RAIL PR VARIOUS	STATEWIDE	BICYCLE AND PE VARIOUS	STATEWIDE	TRN	VARIOUS Statewide	DIV	VARIOUS STATEWIDE	DIV	VARIOUS STATEWIDE		VARIOUS	VIO	PASSENGER RAIL PROJECTS VARIOUS Y-5500	STATEWIDE	DIV	PASSENGER RAIL PROJECTS

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

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STATEWIDE PROJECT

					NOR				TYPE 0	WORK / ESTIM	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	OUSANDS / PROJ	ECT BREAKS			
ROUTE/CITY	Ġ			PROJ YE	YEARS			DELIVERABLE PROGRAM	E PROGRAM				DEVELOPMENTAL PROGRAM	TAL PROGRAM		UNFUNDED
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH	_	(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
PASSENGER RAIL PRO. VARIOUS STATEWIDE	PROJECTS Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841											
DIV					IN PROGRESS	ESS										
VARIOUS	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED		24500	RR		#		R 500	S 500	R 500	R 500	R 500	R 500	S 500	
STATEWIDE		BALANCE.														
DIV																
VARIOUS	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		2000	RR	S 500	S 500									
STATEWIDE														-		
DIV																
VARIOUS STATEWIDE	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14847	14847											
ΔIO					IN PROGRESS	ESS										
BICYCLE AND PEDESTE	STRIAN PROJECTS	TS													Ī	
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408											
TRN					IN PROGR	ESS - \$182,000 I	IN STPDA FUNDS A	IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E	371E							
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	0	1402	1402 FNF											
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	O &	4081	4081 FNU											
SD																
GREYHOUND LINES Statewide	TI-6107	INTERCITY BUS SERVICE from RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910 FNU										A	
SD																
DIV - Division Category HF - State Dollars (Non STI) SW - Statewide Category		- Exempt Category SD - G - Regional Category - Transition Project	State Dollars (Non-STI)	(Non-STI)				Page 11 of 15							Tuesday	Tuesday, August 6, 2019

STATEWIDE PROJECT

1502 1502 1503 1503 157,202 157				PRIOR YEARS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS DELIVERABLE PROGRAM UNFUNDED UNFUNDED	DED
709 709[NW] 709 [NW]	LOCATION / DESCRIPTION				FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2028 FY 2029	YEARS
7799 7789FW	RIAN PROJECTS TI-6106 INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON	W RALEIGH TO ND US 117 WITH ELD, WILMINGTON	-			ΙД
7769 7046 FSPR CP 600	CAPITAL		789	789 FNF		П
90863 38693 FNU CP 5488 CP 5479 CP 5471 CP 5490 CP 5491 CP 549	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES	SEARCH		7049 FSPR S FUNDS AL	CP 600 I	П
90863 38033[NU CP 5468 CP 5469 CP 5470 CP 5471 CP 5490 CP 5491	TECHNOLOGY - ADMINISTRATION (ITRE)	TION (ITRE)	50	50 UTCH		П
useful 7915 7915 443 443 443	5311 Capital Projects for Rural Areas	Areas		6053 FNU L S S FUNDS AL	5469 CP 5470 CP 5471 CP 5490 CP 5490 CP 5491 CP 684 CP 685 CP 687 CP 687 CP CP	Щ
443	Replacement of Transit Vehicles meeting useful life	es meeting useful		7915 CMAQ L		П
	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE	M CAPITAL OMMUNITY S AND NON- THE STATE	443	443 FNF		A I

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

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

	UNFUNDED	FUTURE YEARS																			
		FY 2029 FU				Ш			H			Ш			L F]			
	PROGRAM	FY 2028		- - -																	
T BREAKS	DEVELOPMENTAL PROGRAM	FY 2027	CP 5005 CP 626			CP 1011 CP 127									AD 97		AD 14684 AD 2753 AD 918			AD 2960	
USANDS / PROJEC	7	FY 2026	CP 5005 C	979		CP 1011 C	171			- - -					AD 96 A		AD 14684 A AD 2753 A AD 918 A			AD 2940 A	
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS		FY 2025	CP 5005 CP 626			CP 1010 CP 127									AD 95		AD 14683 AD 2753 AD 918			AD 2920	
- WORK / ESTIMA		FY 2024	CP 5005 CP 626	979		CP 1010 CP 127	171								AD 94		AD 14683 AD 2753 AD 918			AD 2900	
TYPE OF	DELIVERABLE PROGRAM	FY 2023	CP 5004			CP 1009 CP 127									AD 94		AD 14682 AD 2753 AD 918			AD 2880	
	DELIVERAB	FY 2022	CP 4450 CP 557			CP 1009 CP 127				- - -					AD 93		AD 14682 AD 2753 AD 918			AD 2860	
		FY 2021	CP 4449		PROGRESS	CP 1008		PROGRESS		- - -	PROGRESS			PROGRESS	AD 93	PROGRESS	AD 14681 AD 2753 AD 918		PROGRESS	AD 2840	PROGRESS
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DIV - Division Category EX - Exempt Category SD - State Dollars (Non-STI)
HF - State Dollars (Non STI) REG - Regional Category
SW - Statewide Category TRN - Transition Project

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NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

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

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Tuesday, August 6, 2019

STATEWIDE PROJECT

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



Cape Fear Public Transportation Authority

P.O. Box 12630 • Wilmington, NC 28405 • (910) 343-0106 • (910) 343-8317 fax • wavetransit.com

August 07, 2019

Mike Kozlosky Executive Director Wilmington Urban Area Metropolitan Planning Organization P.O. Box 1810 Wilmington, NC 28402

Attn:

Amy Kimes, PE, Sr. Project Engineer, Wilmington Metropolitan Planning Organization (WMPO)

Delivered Via email and USPS to addressee to: amy.kimes@wilmingtonnc.gov

Dear Mr. Kozlosky:

The Cape Fear Public Transportation Authority has begun our fiscal year 2020 and respectfully request the WMPO carefully consider the following funding assistance to Wave Transit:

• STBGP-DA - as you are aware, when the region was designated as a TMA, Wave Transit was no longer eligible to use FTA §5307 funding for operating assistance. This change left a gap in our operating budget of approximately \$2,000,000 annually. Following extensive discussion with our federal delegation in Washington, provisions in the FAST Act were added and the Authority is currently able to utilize up to 75% of the region's §5307 formula funding for eligible operating assistance. This narrowed the operating assistance funding gap to approximately \$500,000 per year.

With generous assistance from the WMPO and through the STP-DA and its successor the STBGP-DA program, the Authority has been able to maintain a stable level of service without significant additional revenue from our local funding partners. This support led us to include STBGP-DA funding in our current FY 2020 operating budget.

We respectfully request FY 2020 STPGP-DA funding for preventive maintenance and ADA compliance in the amounts outlined in Table 1 totaling \$600,000. The Authority has included the required local matching funds in out adopted FY 2020 operating budget.

			STBGP-		
STIP #	System	Project	DA	Local	Total
TF-6784	Cape Fear Public Transportation Authority	Preventive Maintenance	\$260,000	\$65,000	\$325,000
TG-6700	Cape Fear Public Transportation Authority	ADA Compliance	\$340,000	\$85,000	\$425,000
Totals			\$600,000	\$150,000	\$750,000

Table 1

As the WMPO develops its plan to allocate funding from the annual STBGP-DA program, the Authority suggests an annual percentage be apportioned to transit initiatives in the region. This approach was successful during its previous utilization. If implemented, the percentage should be sufficient to meet the preventive maintenance and ADA needs of the Authority which will ensure consistency in the transit program offered throughout the region while keeping local taxpayer subsidies free for competing projects.

We appreciate your consideration of this important request and look forward to our continuing partnership with the WMPO in providing quality public transportation services to Southeastern North

Carolina. If you have questions or need additional information, please do not hesitate to contact me. We look forward to your feedback.

Cordially,

Albert Eby

Executive Director



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT August 1, 2019

Project Description

The Cape Fear Crossing project is proposed as a roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River. The project is programmed in the 2018-2027 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.

The following list includes tasks during the month of July:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- The Draft Environmental Impact Statement (DEIS) was signed on 3/25/19 and distributed for review on 4/01/19. The document and hearing maps are available on the project website at www.ncdot.gov/projects/cape-fear-crossing.
- The project team is preparing responses to public comments and will be including them as part of the 6/11/19 Post Hearing Meeting summary to be made available to the public.
- The project team is evaluating and calculating preliminary impacts for modified versions of Alternatives MA, NA, and V-AW.

Upcoming Activities

- FHWA and NCDOT will meet with environmental and regulatory resource agencies to determine the Least Environmentally Damaging Practicable Alternative (LEDPA)/Preferred Alternative. This meeting is anticipated to be held in December 2019.
- An updated traffic forecast will be prepared on the Preferred Alternative once identified.
- Alternative designs will be refined on the Preferred Alternative and technical studies will be updated.

Past Activities

- Post Hearing Meeting was held on 6/11/19.
- The NEPA/Section 404 Merger Team met on 5/8/19 to discuss alternative impacts and public comments received to date.
- Two Corridor Public Hearings were held April 29th and April 30th.
- The Traffic Noise Report was finalized on 4/25/19.
- The USACE public notice was published 4/10/19.
- The DEIS was finalized on 3/25/19.
- The Sea Level Rise Analysis was finalized on 2/20/19.
- The project team received final concurrence from the State Historic Preservation Office (HPO) on 2/12/19 regarding Section106 effects on historic resources in the project study area
- A newsletter was sent on 12/21/18 to notify citizens of the remaining alternatives under study and the project schedule.
- The project team coordinated with the SHPO on 10/30/18 regarding two new properties identified that are eligible for the National Register of Historic Places (NRHP).
- The Air Quality Report was finalized on 10/09/18.
- The Red-Cockaded Woodpecker Foraging Habitat Analysis was finalized on 9/26/18.
- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17; the Essential Fish Habitat Assessment was finalized on 9/01/17.

- The NEPA/Section 404 Merger Team reached Concurrence Point 2A "Bridging Decisions and Alignment Review" on 5/30/17; final concurrence on Concurrence Point 2A was received on 8/17/17.
- The project team received final concurrence from the HPO on 5/26/17 regarding Section106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 "Purpose and Need and Study Area Defined" on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – "Detailed Study Alternatives Carried Forward" on 2/10/14.
- Technical documents that have been finalized are available on the project website under "Project Documents."

Contact Information

NCDOT – John Conforti, <u>jgconforti@ncdot.gov</u>, 919.707.6015; AECOM – Joanna Rocco, <u>joanna.rocco@aecom.com</u>, 919.239.7179; Website: <u>https://www.ncdot.gov/projects/cape-fear-crossing</u>; Email: <u>capefear@ncdot.gov</u>; Hotline: 1.800.233.6315

WILMINGTON MPO TRANSPORTATION PLANNING AUGUST 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.

Next Steps:

- A red line, fiscal constraint analysis of ranked modal projects have been prepared and presented by staff to the CAC, TCC, and Board. The WMPO Board is currently reviewing and will propose any changes at its August Board meeting. Revised lists are planned for adoption in September 2019.
- Projects considered for potential funding by identified alternative funding forecasts will be identified by staff and reviewed and approved by the CAC, TCC, and Board in September and October 2019.
- Approval of complete fiscally constrained project lists is expected to be completed by end of October 2019.
- Release of Draft Plan to public anticipated for end of January 2020
- Adoption of final plan in 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: 0 reviews
- New Hanover County Informal Plan Reviews: 0 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: 4 reviews
- Town of Navassa Informal Reviews: 1 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: 28 total (New Hanover County 7, City of Wilmington 15, Carolina Beach 0, Leland 1, Navassa 1, and Pender County 3, Brunswick County 1); new 6 and ongoing 22
- Pender County Development Plan Reviews: 0 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 60 (8 new, 52 on-going)
- City of Wilmington Informal Reviews: 30 (6 new, 24 on-going)
- City of Wilmington Concept Reviews: 12 (9 new concept reviews- 3 on-going concept)
- COW Project Releases: 14 Full releases

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

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

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

Project Status and Next Steps:

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

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.

- 100% Plan approval received
- 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.

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:

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

 Summer 2019
- Update/renew permits Fall 2019
- NCDOT final design approval Fall 2019
- Right of way acquisition complete Spring 2020
- Begin Construction Winter 2020
- Complete Construction Winter 2021

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 Summer 2019
- Update/renew permits Fall 2019
- NCDOT final design approval Fall 2019
- Right of way acquisition complete Spring 2020
- Begin Construction Winter 2020
- Complete Construction Winter 2021

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.

- 100% Plans approved by NCDOT
- 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

- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.

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:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- · Right of way Certification-TBD
- · Encroachment agreement needed once right-of-way finalize
- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.

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:

- 100% Plans approved by NCDOT
- 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
- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.

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.

- Let Date: March 14, 2019
- Additional funds have been received and the contract is being routed for signatures
- Preconstruction meeting will be held within the next 30 days

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
- The City is providing survey information to NCDOT

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 have been approved. The PCE and 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:

- Plans and specification approved by NCDOT on February 19, 2019.
- Construction Authorization and funding request in progress.
- Bid opening to be held on August 8, 2019.

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:

- Scoping meeting held with NCDOT
- PE funds were released at the December 2017 Board of Transportation meeting
- The Town and Engineer have agreed to a fee. The Town working to complete the contract. The contract is in the process of being executed.

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.

- 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.

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:

- 90% plans comments have been received and have been corrected
- Construction funds requested on July 1, 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 are being requested

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
- The agreement is being routed for signatures

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

- The agreement has been executed
- Existing plans have been submitted to DOT for review. Comments have been received by the Town.

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. Initiating a 6 month bicycle and pedestrian safety campaign to take place April to September 2019
- 2. Bike Share
 - a. Completed agreement with Zagster. Contract has been signed.
 - b. Zagster is in process of securing "title sponsors" to fund the program
- 3. New Go Coast Website
 - New website is being created
- 4. Social Media
 - a. Posting at least three times per week
 - b. WMPO Facebook, Instagram, and Twitter and Go Coast Instagram
- 5. NCDOT has selected a new vendor for Share The Ride NC. Vendor will be announced July 2019
- 6. Scooters
 - a. Waiting on direction from NC General Assembly for policy on electric scooter share programs
 - b. General Assembly currently defining "scooter" in Bill 553 which it not yet passed. Bill will not determine where scooters can be ridden.
- 7. Writing a model ordinance for regulation of electric bicycles to be presented to the Bike/Ped Advisory Committee in August
- 8. Developing TDM portion of the Metropolitan Transportation Plan

Cape Fear Public Transportation Authority Project Update August 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 are scheduled for production in August 2019. All vehicles are expected to be delivered by August 30, 2019.

On February 28, 2019 the Authority authorized \$879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. The first vehicle is expected to complete production on August 29, 2019 with the second vehicle beginning production immediately thereafter.

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.

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. Applications are due by September 30th with an expected award in the late part of 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 project is expected to be completed in the spring of 2018.

The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following

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

- Staff has begun its evaluation of the proposed changes and revenue neutral route changes are being presented to the board. The modifications are expected to take place in conjunction with the opening of the WMMTC.
- 3. Long Term Funding (no change) 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.

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. Completion of the entire project is estimated to occur on November 01, 2019 due to delays in SHPO window production.

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Project Manager		Description	County	PO	KOW	Date	Comment
Krista Kimmel	U-4902D	US 17 Bus - Market St Median	New Hanover	WMPO	۵	Feb-19	Contract # C204319
Robert Vause	HILC	Hoover Rd widening from proposed interchange to US 17 with 2' paver	Pender	WMPO	2019	Mar-19	
Eric Murray	W-5601DH	3rd St and Dock St Intersection	New Hanover	WMPO	₾	Jul-19	
Krista Kimmel	U-3338C	Kerr Ave Interchange at MLK	New Hanover	WMPO	2018	Dec-19	
Derek Pielech	17BP.3.C.4	Replace Culvert on SR 1175	New Hanover	WMPO	TBD	Feb-20	
Mike Bass	U-5710A	US 74 (Eastwood Road)- construct roadway on new location between l	. New Hanover	WMPO	凸	Apr-20	
Derek Pielech	B-4590	Replace Bridge 29 on Corneilus Harnett Dr/Castle Hayne Rd over Smith New Hanover	New Hanover	WMPO	TBD	Apr-20	
Krista Kimmel	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	WMPO	₾	Jun-20	
Eric Murray	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	WMPO	2019	Jun-20	
			New Hanover/				
Trace Howell	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	Pender	WMPO	₾	Sep-20	
			New Hanover/				
Trace Howell	R-3300B	Hampstead Bypass	Pender	WMPO/CFRPO	₫	Sep-20	*Previously SS-4903CE
Eric Murray	W-5703C	Monkey Junction Pedestrain Improvements	New Hanover	WMPO	TBD	Nov-20	
Mike Bass	U-5710	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover	WMPO	2019	Sep-21	
Trace Howell	U-5732	US 17 Hampstead Median Project	Pender	WMPO/CFRPO	2018	Sep-21	
Krista Kimmel	U-5926	New Route from 23rd St to 26th St	New Hanover	WMPO	2020	Jun-22	
Brian Harding	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Sh	· New Hanover	WMPO	2019	Jul-22	
Brian Harding	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	WMPO	2020	May-23	
Brian Harding	U-5863	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	WMPO	2021	Oct-23	
Trace Howell	U-5790	Monkey Junction Interchange	New Hanover	WMPO	2022	Apr-24	
Trace Howell	U-5792	MLK at College	New Hanover	WMPO	2022	Jun-24	Let with U-5881
Brian Harding	U-5954	NC 133 at 23rd St Roundabout	New Hanover	WMPO	2022	Jun-24	
Krista Kimmel	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	WMPO	2018	Dec-24	
Brian Harding	U-5734	US 421 Front St Widening	New Hanover	WMPO	2023	May-25	
Krista Kimmel	U-4434	Independence Boulevard Extension	New Hanover	WMPO	2020	Jun-25	
Trace Howell	U-5702A	College Rd from New Centre to Shipyard	New Hanover	WMPO	2022	Jun-25	
Trace Howell	U-5704	US 17 (Oleander) at College	New Hanover	WMPO	2022	Jun-25	
Trace Howell	U-5881	College Rd from Gordon Rd to New Centre	New Hanover	WMPO	2022	Jun-26	Let with U-5792
None	U-6199	Wilmington Citywide Signal System Upgrade	New Hanover	WMPO	2025	Jun-27	
Krista Kimmel	U-6201	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	WMPO	2025	Jun-27	
		College Rd Access management improvement from Carolina Beach					
Trace Howell	U-5702B	Rd to Shipyard Blvd	New Hanover	WMPO	2025	Jan-29	
Trace Howell	U-5732A	Dan Owen Connector	Pender	WMPO/CFRPO	2017	CSF (Now)	
Krista Kimmel	0809-N	Kerr Ave Widening from Patrick to Wrightsville	New Hanover	WMPO	2025	N/A	Removed From STIP
Brian Harding	N-6083	23rd St widening from MLK to NC 133	New Hanover	WMPO	2025	N/A	Removed From STIP
Krista Kimmel	U-4738A	Cape Fear Crossing (US 17 to NC 133)	swick/New Hand	WMPO	2028	РУ	Work continuing
Krista Kimmel	U-4738B	Cape Fear Crossing (NC 133 to US 421)	swick/New Hand	WMPO	ΡY	ΡY	Work Continuing
Brian Harding	U-6128	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Le New Hanover	: New Hanover	WMPO	2029	ΡΥ	Project currently on hold
Brian Harding	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	WMPO	2029	ΡΥ	Work Continuing

Regional Impact Division Needs Project Let Fallen out of STIP

8/5/2019
PO:
Contact:
Caitlin Marks
910-341-2000 | cmmarks@ncdot.gov
Please note: Let Dates may change with the final STIP release in September

Adam Britt N/A New Hanover Wayne Currie HVBP New Hanover Alex Stewart R-2633D Brunswick, New Hanover Daniel Waugh Brunswick, New Hanover Daniel Jones N/A Onslow, Pender Alex Stewart 15403.1065027 New Hanover Daniel Jones R-3783C/D Sampson Daniel Jones R-3601(L) Brunswick Wayne Currie HVBP New Hanover Alex Stewart U-4751 New Hanover Wayne Currie HVBP New Hanover				Projects Under Construction	Construction		
Adam Britt N/A New Hanover Wayne Currie HVBP New Hanover Mayne Currie HVBP New Hanover Daniel Waugh NA Onslow, Pender Daniel Jones N/A Onslow, Pender Alex Stewart 15403.1065027 New Hanover Alex Stewart 15403.1065027 New Hanover Daniel Jones R-3601(L) Brunswick, Duplin, New Hanover Mayne Currie HVBP New Hanover Alex Stewart U-4902D New Hanover Wayne Currie HVBP New Hanover						Estimated	Percent
Adam Britt N/A New Hanover Wayne Currie HVBP New Hanover Alex Stewart R-2633D Brunswick, New Hanover, Daniel Jones N/A Onslow, Pender Alex Stewart 15403.1065027 New Hanover Lydia McKeel R-5783C/D Sampson Daniel Jones R-3601(L) Brunswick Wayne Currie HVBP New Hanover Alex Stewart U-4751 New Hanover Alex Stewart U-4751 New Hanover Wayne Currie HVBP New Hanover	ımber	Resident	TIP/WBS/Program	County	Description	Completion	Complete
Mayne Currie HVBP New Hanover Alex Stewart R-2633D Brunswick, New Hanover, Daniel Jones N/A Onslow, Pender Alex Stewart 15403.1065027 New Hanover Alex Stewart 15403.1065027 New Hanover Daniel Jones R-3601(L) Brunswick Duplin, New Hanover Mayne Currie HVBP New Hanover Alex Stewart U-4751 New Hanover Wayne Currie HVBP New Hanover	18	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Aug-19	91.84%
Alex Stewart R-2633D Brunswick, New Hanover Daniel Waugh Daniel Jones N/A Onslow, Pender Alex Stewart 15403.1065027 New Hanover Brunswick, Duplin, New Hanover, Onslow, Pender, Cydia McKeel R-5783C/D Sampson Daniel Jones R-3601(L) Brunswick Wayne Currie HVBP New Hanover Alex Stewart U-4751 New Hanover Wayne Currie HVBP New Hanover	19	Wayne Currie	HVBP	New Hanover	Cape Fear Memorial Bridge	Oct-19	96.31%
Daniel Waugh Brunswick, New Hanover, Daniel Jones Alex Stewart Lydia McKeel Daniel Jones R-5783C/D Brunswick, Duplin, New Hanover Brunswick, Duplin, New Hanover Brunswick Daniel Jones R-5783C/D Sampson Brunswick Alex Stewart U-4902D New Hanover Wayne Currie HVBP New Hanover Wayne Currie HVBP New Hanover Wayne Currie HVBP New Hanover New Hanover New Hanover New Hanover	080	Alex Stewart	R-2633D	Brunswick, New Hanover	I-140 ITS for Wilmington Bypass	Nov-19	96.46%
Brunswick, New Hanover, Daniel Jones Alex Stewart Lydia McKeel Daniel Jones R-5783C/D R-3601(L) Mayne Currie Wayne Currie Wayne Currie Wayne Currie HVBP Wayne Currie HVBP Wayne Currie HVBP Wew Hanover New Hanover	DC00258	Daniel Waugh		Pender	Hoover Rd (SR 1569) Pipe Replacements	Nov-19	0.00%
Alex Stewart 15403.1065027 New Hanover Brunswick, Duplin, New Hanover, Onslow, Pender, Lydia McKeel R-5783C/D Sampson Daniel Jones R-3601(L) Brunswick Wayne Currie HVBP New Hanover Mayne Currie HVBP New Hanover Wayne Currie HVBP New Hanover	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	61.45%
Brunswick, Duplin, New Hanover, Onslow, Pender, Lydia McKeel R-5783C/D Sampson Daniel Jones R-3601(L) Brunswick Wayne Currie HVBP New Hanover	C204282	Alex Stewart	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Apr-20	26.85%
R-3601(L) Brunswick HVBP New Hanover U-4751 New Hanover HVBP New Hanover HVBP New Hanover HVBP New Hanover	DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	0.00%
Wayne Currie HVBP New Hanover Alex Stewart U-4751 New Hanover Wayne Currie HVBP New Hanover Wavne Currie HVBP New Hanover Wavne Currie HVBP New Hanover	231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jun-20	72.50%
Alex Stewart U-4751 New Hanover Stewart U-4902D New Hanover Wayne Currie HVBP New Hanover Wavne Currie HVBP New Hanover New Hanover	203	Wayne Currie	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21	6.39%
Alex Stewart U-4902D New Hanover Wayne Currie HVBP New Hanover Wavne Currie HVBP New Hanover	086	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	23.46%
Wayne Currie HVBP New Hanover Wayne Currie HVBP New Hanover	319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	10.23%
Wayne Currie HVBP New Hanover Wavne Currie HVBP	Ω	Wayne Currie	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD
Wavne Currie HVBP New Hanover	0	Wayne Currie	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD
	0	Wayne Currie	HVBP	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD

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Complete	98.94%																							55.94%	93.93%																			
Completion	Jul-20																							Oct-19	Nov-19																			
Map	0 US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.	1 NC 130 (Whiteville Rd) from US 17 Bus to SR 1335	2 NC 179 (Old Georgetown Rd) from 179 Bus (Beach Dr) to NC 904	3 NC 904 (Longwood Rd) from SR 1321 to SR 1304	4 NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904	5 SR 1319 (Union School Rd) from SR 1316 to US 17	6 SR 1504 (Clemmons Rd) from SR 1316 to US 17	7 SR 1333 (Project Rd) from SR 1326 to end of Pavement	8 SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326	9 SR 1337 (Marlow Rd) from SR 1336 to SR 1333	10 SR 1308 (Etheridge Rd) from SR 1300 to NC 904	11 SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336	12 SR 1356 (Marlowtown Rd) from 1302 to SR EOM	13 SR 1301 (McLamb Rd) from SR 1300 to SC line	14 SR 1316 (Old Shallotte Rd) from NC 904 to US 17	15 SR 1155 (Goose Creek Rd) from NC 179 to SR 1143	16 SR 1304 (Pea Landing Rd) from US 17 to NC 904	17 SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304	18 SR 1165 (Thomasboro Rd) from US 17 to SR 1164	19 SR 1720 (Washington Rd) from US 17 Bus. To EOM	20 SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM	21 SR 1315 (Russtown Rd) from SR 1313 to NC 904	22 SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway	0 US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)		1 Highsmith Rd from NC 210 to SR 1401	2 Whitestocking Rd from NC 53 to SR 1513	3 Maple Rd from Old River Rd to Dead End								11 Pelham Rd/Eleanor Roosevelt Ln from Garden Rd to Raccoon Rd	12 Oakvale Rd from Scotts Hill Loop to Lafayette St	13 Lafayette St from Poplar Grove Rd to Cul-de-Sac	14 Point Caswell Rd from Slocum Trail rd to End of Pavement	15 Giddeons Pond Rd from NC 11 to SR 1325 (Sill Creek Rd)	16 Cottle Acres from Piney Woods Rd to Penderlea Hwy	17 West Willarlea Rd from Eleanor Roosevelt Ln to NC 11	18 East Willarlea Rd from Eleanor Roosevelt to NC 11	10 Sill Creek Bd from Garden Bd/Baccoon Bd to Crooked Bun Bd
MPO/RPO N	GSATS/WMPO/CFRPO	CFRPO/GSATS	GSATS	CFRPO/GSATS	GSATS	GSATS	CFRPO	CFRPO	CFRPO	CFRPO	CFRPO	CFRPO	GSATS	GSATS	CFRPO/GSATS	GSATS	GSATS	CFRPO/GSATS	GSATS	GSATS	CFRPO	CFRPO/GSATS	GSATS	WMPO	WMPO/CFRPO	WMPO/CFRPO	CFRPO	CFRPO	CFRPO	WMPO	CFRPO	CFRPO	CFRPO	CFRPO	WMPO	CFRPO	WMPO	WMPO	CFRPO	CFRPO	CFRPO	CFRPO	CFRPO	0
П	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	W-5203Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	- 1
Resident	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Daniel Waugh	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	Lydia McKeel	
County	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	Brunswick	v Hanover/Bruns		Pender	Pender	Pender	Pender	Pender	Pender	Pender	Pender		Pender	Pender	Pender	Pender	Pender	Pender	Pender	Pender	Pender	
Year	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018 / 1	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	
Number	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204094	C204135	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	DC00229	



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

August 2019

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

AUGUST TPD UPDATES WILMINGTON MPO

August 2019

New Business:

Brunswick County Model – The new engineer and modeler have taken over the model since the previous engineer and modeler left. As of June 20th, base year estimation has been completed. Currently the engineer and modeler have been validating the model and getting it ready for base year run.

NCMoves 2050: The second survey of NCMoves 2050 comment period ended in June. The NCMoves team has compiled the survey results. In this second round, there were 10,100 responses to the survey. The first survey back in December of last year gathered 3,600 responses. In this round, MPOs believe that the most important topic is: equity. The RPOs believed the most important topic is: broadband access.

2020-2029 STIP: Approval will be in September of 2019 instead of the June meeting. The current 2018-2027 STIP will be maintained and amended until adoption.

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

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 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.

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 <u>survey</u> 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.