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The Cape Fear Rural Transportation Planning Organization exists to serve as the intergovernmental organization for local elected officials, the North Carolina Department of Transportation, and residents of Brunswick, Columbus and Pender Counties to work cooperatively to address transportation issues.

**Rural Transportation Coordinating Committee (RTCC)  
Meeting Agenda  
July 3, 2019 • 10:00 AM  
Brunswick Community College • Room 207 • Leland, NC**

**I. INTRODUCTORY BUSINESS**

1. Call to Order
2. Introductions
3. Additions or corrections to the agenda
4. Approval of minutes: May 1, 2019 (*attached*)
5. Public Comment

**II. PRESENTATIONS**

6. **Brunswick County Community Connectivity Plan** – Helen Bunch

**III. REGULAR BUSINESS**

7. **FY 2019-2020 PWP Amendment** – The Planning Work Program (PWP) for the current fiscal year needs to be slightly amended to reflect additional funds/expenditures associated with the NC 211/East Coast Greenway Feasibility Study grant approved on May 20. *Staff requests a motion to recommend approval of the attached FY 2019-2020 PWP Amendment.*
8. **NC 211/East Coast Greenway Feasibility Study Steering Committee** – NCDOT approved the NC 211/East Coast Greenway Feasibility Study grant request. *Staff requests a motion to recommend establishment of a Steering Committee pursuant to the attached memo.*
9. **P6.0 Preliminary Carryover Project Modifications/Deletions** - The deadline for project modifications and deletions is October 25. *Staff requests a motion to recommend approval of the attached preliminary modifications and deletions.*
10. **P6.0 New Project Solicitation** – The deadline for entering new projects into the P6.0 database is December 20th. The preliminary P6.0 new project submittal list will be presented

to the RTAC at their September 20<sup>th</sup> meeting. New project ideas must be submitted to the CFRPO by August 21st to be included on the preliminary project list. *No action required.*

**11. NC Ferry Tug Naming Resolution** – The NC Ferry Division names vessels after cities and regions in NC. *Staff requests a motion to recommend approval of the attached resolution.*

**12. Reports/Updates**

- Cape Fear RPO
  - Prioritization 6.0 (memo and summary *attached*)
  - Columbus Co. Comprehensive Transportation Plan (CTP)
  - Brunswick Co. CTP
  - Pender Co. CTP
  - Topsail Beach Non-motorized Transportation Plan
  - US 74 Corridor Master Plan
  - STIP amendments and revisions
- NCDOT Division 3 (Brunswick & Pender)
- NCDOT Division 6 (Columbus)
- NCDOT Transportation Planning Division (TPD)
- Wilmington Area MPO (WMPO)
- Grand Strand MPO (GSATS)

**IV. OTHER**

**13. Open discussion:** General questions, comments, and other discussions

**14. Future meetings:** Wed., Sep. 4, 2019  
Wed, Nov. 6, 2019

**15. Adjourn**

# Cape Fear RPO

Brunswick County ❖ Columbus County  
Pender County

## Rural Transportation Coordinating Committee

May 1st, 2019 Meeting Minutes

**\*\*DRAFT\*\***

### Voting Members Present

Samantha Alsup, Columbus County  
Helen Bunch, Brunswick County  
Mike Dickson, Surf City  
Gordon Hargrove, Lake Waccamaw  
Travis Henley, Pender County  
Robert Lewis, Whiteville  
Caitlyn Marks, NCDOT Division 3

Katie Moore, WMPO  
Nazia Sarder, NCDOT TPD  
Allen Serkin, Cape Fear RPO  
Chad Staradumsky, Burgaw  
Darius Sturdivant, NCDOT Division 6  
Jake Vares, Oak Island

### Others Present

Billy Christ, Congressman Rouzer  
Fred Fontana, AARP

Pat Garrell, Chadbourn  
Sam Shore, Cape Fear COG

1. **Introduction and quorum** – Having reached a quorum, Mr. Serkin called the meeting to order at 10:05 AM. The attendees introduced themselves.
2. **Changes or additions to the agenda** – Mr. Serkin requested an additional item regarding an amendment to the FY 2019-2020 PW be added between the agenda items for recommending approval of the FY 2019-2020 PWP and Reports/Updates. *Mr. Henley made a motion to approve the agenda as amended. Ms. Bunch seconded the motion. The motion carried.*
3. **Municipal appointments** – Mr. Dixon nominated Mr. Staradumsky to the vacant Pender Municipal 2 seat. With no other nominations, Mr. Staradumsky was elected to the Pender Municipal 2 seat.
4. **Approval of the minutes** – There were no changes to the minutes. *Mr. Vares made a motion to approve the minutes. Mr. Staradumsky seconded the motion. The motion carried.*
5. **Public Comment** – There was no comment from the public.
6. **Presentation: NC Statewide Plan** – Ms. Sarder provided a presentation discussing NC Moves 2050, the upcoming update to NCDOT's long-range transportation plan, and the process by which NCDOT is gathering input.
7. **Prioritization Prioritization 6.0** – Ms. Marks provided a presentation explaining the Prioritization 6.0 process. In the course of discussing prioritization, Mr. Sturdivant offered information that as the Durham Light Rail project is no longer moving forward, Durham is

being allowed to reallocate those funds to other projects. *Ms. Alsup made a motion directing Mr. Serkin to draft a resolution to be brought to the RTAC expressing concern regarding the funds for the Durham Light Rail Project and that the prioritization process should be followed in determining how funds from cancelled projects are spent. Mr. Lewis seconded the motion. The motion carried.*

8. **FY 2018-2019 PWP Amendment** – Mr. Serkin presented a PWP amendment for the current fiscal year based on expenditures to date. *Ms. Bunch made a motion to recommend approval of the PWP amendment. Mr. Henley seconded the motion. The motion carried.*
9. **FY 2019-2020 PWP** – Mr. Serkin presented the PWP for the next fiscal year. *Ms. Bunch made a motion to recommend approval of the PWP. Mr. Lewis seconded the motion. The motion carried.*
10. **FY 2019-2020 PWP Amendment** – Mr. Serkin explained that the RPO applied for funds from the Transportation Planning Division for an East Coast Greenway/NC 211 corridor study. If the RPO gets these funds and is responsible for administering them, they must be accounted for in the PWP. Therefore, Mr. Serkin requested that an alternative PWP be recommended with an additional \$100,000 under the Special Studies line item for the RTAC to adopt if it becomes appropriate. *Mr. Staradumsky made a motion to recommend approval of the PWP amendment. Mr. Vares seconded the motion. The motion carried.*
11. **Reports/Updates** – Mr. Serkin provided an update on Prioritization 6.0, highlighting the carryover projects and noting that in this prioritization round points may be moved from the Region to Division tier. Mr. Serkin also relayed that NCDOT is working on updating PADT numbers for significant segments across the state through 2022. Mr. Serkin stated that NCDOT is continuing to work on the Columbus County CTP. Mr. Serkin stated that the US 74 Corridor Master Plan was sent back to the drawing board due to the scope being too broad but is coming back around. Mr. Serkin stated the newly completed Topsail Island Bridge did not win an NCDOT Mobi Award. Ms. Marks provided an update for Division 3. Mr. Sturdivant provided an update for Division 6. Ms. Sarder gave an update for the Transportation Planning Division, noting that her unit has been experiencing high turnover and that the Brunswick County CTP is still the next priority. There was consensus among Pender County representatives that this was fine and that their biggest concern regarding their own CTP is ensuring that it covers the whole county. Ms. Moore gave an update for the WMPO. There were no updates from the Grand Strand MPO.
12. **Adjournment** – There being no further discussion, the meeting was adjourned at 11:36 AM.

FY 2019-2020  
 PLANNING WORK PROGRAM  
 ANNUAL PROPOSED FUNDING SOURCES TABLE  
 Cape Fear RPO

FY 2019-2020  
 PLANNING WORK PROGRAM  
 AMENDMENT TABLE  
 Cape Fear RPO

TASK CODE	WORK CATEGORY	RPO PROGRAM FUNDS		
		LOCAL 20%	STATE 80%	TOTAL
<b>I. DATA COLLECTION AND ASSESSMENT</b>				
<b>I-1</b>	<b>DATA COLLECTION AND ASSESSMENT</b>	<b>\$ 1,700</b>	<b>\$ 6,800</b>	<b>\$ 8,500</b>
I-1.1	Highway			
I-1.2	Other Modes			
I-1.3	Socioeconomic			
I-1.4	Title VI			
<b>II. TRANSPORTATION PLANNING</b>				
<b>II-1</b>	<b>COMPREHENSIVE TRANSPORTATION PLAN (CTP)</b>	<b>\$ 1,600</b>	<b>\$ 6,400</b>	<b>\$ 8,000</b>
II-1.1	Develop CTP Vision			
II-1.2	Conduct CTP Needs Assessment			
II-1.3	Analyze Alternatives and Environmental Screening			
II-1.4	Develop Final Plan			
II-1.5	Adopt Plan			
<b>II-2</b>	<b>PRIORITIZATION</b>	<b>\$ 2,600</b>	<b>\$ 10,400</b>	<b>\$ 13,000</b>
II-2.1	Project Prioritization			
<b>II-3</b>	<b>PROGRAM AND PROJECT DEVELOPMENT</b>	<b>\$ 1,000</b>	<b>\$ 4,000</b>	<b>\$ 5,000</b>
II-3.1	STIP Participation			
II-3.2	Merger / Project Development			
<b>II-4</b>	<b>GENERAL TRANSPORTATION PLANNING</b>	<b>\$ 25,600</b>	<b>\$ 102,400</b>	<b>\$ 128,000</b>
II-4.1	Regional and Statewide Planning			
II-4.2	Special Studies, Projects and Other Trainings			
<b>III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES</b>				
<b>III-1</b>	<b>ADMINISTRATIVE ACTIVITIES</b>	<b>\$ 5,300</b>	<b>\$ 21,200</b>	<b>\$ 26,500</b>
III-1.1	Administrative Documents			
III-1.2	TCC / TAC Work Facilitation; Ethics Compliance			
III-1.3	Program Administration			
<b>IV. DIRECT COSTS</b>				
<b>IV-1</b>	<b>PROGRAMMATIC DIRECT CHARGES</b>	<b>\$ 2,000</b>	<b>\$ 8,000</b>	<b>\$ 10,000</b>
IV-1.1	Program-wide Direct Costs			
<b>IV-2</b>	<b>ADVERTISING</b>	<b>\$ 200</b>	<b>\$ 800</b>	<b>\$ 1,000</b>
IV-2.1	News Media Ads			
<b>IV-3</b>	<b>LODGING, MEALS, INCIDENTALS</b>	<b>\$ 300</b>	<b>\$ 1,200</b>	<b>\$ 1,500</b>
IV-3.1	Hotel Costs			
IV-3.2	Meal Costs			
IV-3.3	Incidentals			
<b>IV-4</b>	<b>POSTAGE</b>	<b>\$ 20</b>	<b>\$ 80</b>	<b>\$ 100</b>
IV-4.1	Mailings			
<b>IV-5</b>	<b>REGISTRATION / TRAINING</b>	<b>\$ 200</b>	<b>\$ 800</b>	<b>\$ 1,000</b>
IV-5.1	Conference Registration			
IV-5.2	Meeting / Workshop / Training Fees			
<b>IV-6</b>	<b>TRAVEL</b>	<b>\$ 640</b>	<b>\$ 2,560</b>	<b>\$ 3,200</b>
IV-6.1	Mileage Reimbursement			
IV-6.2	Car Rental Costs			
IV-6.3	Other Travel Expenses			
<b>V. INDIRECT COSTS</b>				
<b>V-1</b>	<b>INDIRECT COSTS</b>	<b>\$ 6,034</b>	<b>\$ 24,135</b>	<b>\$ 30,169</b>
V-1.1	Incurred Indirect Costs			
<b>TOTAL</b>		<b>\$ 47,194</b>	<b>\$ 188,775</b>	<b>\$ 235,969</b>

1st Quarter Amendment Table		
Date: 7/10/2019		
Original Budgeted Amount	Net Change	New 1st Quarter Budgeted Amount
<b>I. DATA COLLECTION AND ASSESSMENT</b>		
<b>\$ 8,500</b>	<b>\$ -</b>	<b>\$ 8,500</b>
Provide explanation for moving funds from one category to another.		
<b>II. TRANSPORTATION PLANNING</b>		
<b>\$ 8,000</b>	<b>\$ -</b>	<b>\$ 8,000</b>
Provide explanation for moving funds from one category to another.		
<b>\$ 13,000</b>	<b>\$ -</b>	<b>\$ 13,000</b>
Provide explanation for moving funds from one category to another.		
<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 5,000</b>
Provide explanation for moving funds from one category to another.		
<b>\$ 125,000</b>	<b>\$ 3,000</b>	<b>\$ 128,000</b>
+\$3000 to Special Studies for NCDOT auto-generated computer charges to		
<b>III. ADMINISTRATION OF TRANS PLANNING &amp; POLICES</b>		
<b>\$ 26,500</b>	<b>\$ -</b>	<b>\$ 26,500</b>
Provide explanation for moving funds from one category to another.		
<b>IV. DIRECT COSTS</b>		
<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ 10,000</b>
Provide explanation for moving funds from one category to another		
<b>\$ 1,000</b>	<b>\$ -</b>	<b>\$ 1,000</b>
Provide explanation for moving funds from one category to another		
<b>\$ 1,500</b>	<b>\$ -</b>	<b>\$ 1,500</b>
Provide explanation for moving funds from one category to another		
<b>\$ 100</b>	<b>\$ -</b>	<b>\$ 100</b>
Provide explanation for moving funds from one category to another		
<b>\$ 1,000</b>	<b>\$ -</b>	<b>\$ 1,000</b>
Provide explanation for moving funds from one category to another		
<b>\$ 3,200</b>	<b>\$ -</b>	<b>\$ 3,200</b>
Provide explanation for moving funds from one category to another		
<b>V. INDIRECT COSTS</b>		
<b>\$ 30,169</b>	<b>\$ -</b>	<b>\$ 30,169</b>
Provide explanation for moving funds from one category to another		
<b>\$ 232,969</b>	<b>\$ 3,000</b>	<b>\$ 235,969</b>

Approved by the TAC on: \_\_\_\_\_ 20\_\_

Approved by the TAC on: \_\_\_\_\_ 20\_\_

\_\_\_\_\_  
 Signature, TAC Chairman

\_\_\_\_\_  
 Signature, RPO Secretary

**FY 2019-2020  
PLANNING WORK PROGRAM  
Narrative  
Cape Fear RPO**

<b>I. DATA COLLECTION AND ASSESSMENT</b>		
<b>I-1 DATA COLLECTION AND ASSESSMENT</b>		<b>\$ 8,500.00</b>
<b>I-1.1 Highway</b>	Collection, analysis, and mapping of highway- and vehicle-related data, including the CFRPO traffic counting program, signalized intersections, etc.	
<b>I-1.2 Other Modes</b>	Collection, analysis, and mapping of non-highway-related data, etc.	
<b>I-1.3 Socioeconomic</b>	Collection, analysis, and mapping of demographic, socioeconomic, land use, and environmental data, including existing and future land use, zoning, employment, commuting, travel preference data; etc.	
<b>I-1.4 Title VI</b>	Collection, analysis, and mapping of demographic data related to Title VI compliance, including minority, poverty, age 65+, English proficiency, vehicle access; etc.	
<b>II. TRANSPORTATION PLANNING</b>		
<b>II-1 COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT</b>		<b>\$ 8,000.00</b>
<b>II-1.1 Develop CTP Vision</b>	Study setup and coordination for the Brunswick and Pender Co. CTPs, including Community Understanding Report, meeting coordination, developing CTP vision/goals/objectives, public engagement prior to final adoption, etc.	
<b>II-1.2 Conduct CTP Needs Assessment</b>	Review and analyze Brunswick and Pender Co. CTP data and transportation deficiencies; develop project and program alternatives and recommendations; ensure recommendations are developed to achieve all components of CTP vision/goals/objectives; etc.	
<b>II-1.3 Analyze Alternatives and Environmental Screening</b>	Review and analyze project and program alternatives against community vision/goals/objectives, natural and human environmental constraints, fiscal reality, funding and maintenance concerns, etc.	
<b>II-1.4 Develop Final Plan</b>	Develop and review final written, graphic, and mapping products for the Brunswick and Pender Co. CTPs	
<b>II-1.5 Adopt Plan</b>	Coordinate meetings, develop and review presentations, attend public hearings and other meetings, etc. related to final CTP adoption	
<b>II-2 PRIORITIZATION</b>		<b>\$ 13,000.00</b>
<b>II-2.1 Project Prioritization</b>	Duties and responsibilities related to implementing STI and other local project prioritization activities	
<b>II-3 PROGRAM AND PROJECT DEVELOPMENT</b>		<b>\$ 5,000.00</b>
<b>II-3.1 STIP Participation</b>	Duties and responsibilities related to reviewing and commenting on STIP additions, modifications, deletions, and drafts; other correspondence with STIP unit; etc.	
<b>II-3.2 Merger / Project Development</b>	Review and comment on Merger and other project development documents and attend Merger and other project development meetings	
<b>II-4 GENERAL TRANSPORTATION PLANNING</b>		<b>\$ 128,000.00</b>
<b>II-4.1 Regional and Statewide Planning</b>	Participate in a regional and statewide planning activities, including Wilmington MPO TCC and MTP, GSATS TCC and MPT, Brunswick Transit TAB, Columbus County Transportation TAB, PAS-TRAN TAB, East Coast Greenway Alliance, Mountains-to-Sea Trail, NCARPO, APA-NC, NCDOT committees, Eastern NC MPO/RPO Coalition, etc.; conduct TRC reviews; review local/regional/statewide news related to transportation, land use, demographics, socioeconomics, and economic activity	

<b>II-4.2 Special Studies, Projects and Other Trainings</b>	Assist member jurisdictions with transportation, land use, environment, demographic/socio-economic, and mapping components of land use plans and ordinances; develop local bicycle and pedestrian plans; develop corridor studies; develop parking inventories and plans; update transit LCPs (as needed); administer and participate in NC 211/East Coast Greenway Feasibility Study; participate in other special studies or plans as requested or approved by the RTAC; transportation- and GIS- related training, including NCAMPO conference, APA-NC conference, NCAUG fall conference (if held at Carolina Beach, as usual), NCPTA conference NCDOT PTD training conference, NC Transportation Summit, etc.	
<b>III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES</b>		
<b>III-1 ADMINISTRATIVE ACTIVITIES</b>		<b>\$ 26,500.00</b>
<b>III-1.1 Administrative Documents</b>	Preparation of Planning Work Plan, PWP amendments, indirect cost allocation plan, quarterly invoices and reimbursement documentation; update of RTCC/RTAC bylaws, RPO MOU, or LPA funding agreement, as necessary	
<b>III-1.2 TCC / TAC Work Facilitation; Ethics Compliance</b>	Conduct/attend RTCC/RTAC meetings, including preparation of meeting announcements, agendas, packets, minutes, etc.; coordinate RTCC/RTAC appointments/elections; develop RTCC/RTAC rosters and meeting schedules; ensure RTAC ethics compliance; etc.	
<b>III-1.3 Program Administration</b>	Update and implement Public Involvement Plan, Title VI Plan, etc.; maintain and update website and public notice distribution lists; collect and review public comments; ensure program compliance; respond to inquiries from the general public and correspond with other transportation stakeholders on items not otherwise addressed above; staff meetings; general program administration	
<b>IV. DIRECT COSTS</b>		
<b>IV-1 PROGRAMMATIC DIRECT CHARGES</b>		<b>\$ 10,000.00</b>
<b>IV-1.1 Program-wide Direct Costs</b>	Direct costs including audit, phone and internet, copies and printing, dues and subscriptions, equipment and supplies, insurance, building rent and maintenance, professional services, computer and information technology, etc.	
<b>IV-2 ADVERTISING</b>		<b>\$ 1,000.00</b>
<b>IV-2.1 News Media Ads</b>	Public notice advertisements	
<b>IV-3 LODGING, MEALS, INCIDENTALS</b>		<b>\$ 1,500.00</b>
<b>IV-3.1 Hotel Costs</b>	Lodging costs for overnight program and training activities, including NCAMPO conference, APA-NC conference, and NCARPO quarterly meetings	
<b>IV-3.2 Meal Costs</b>	Overnight travel-related meal per-diems	
<b>IV-3.3 Incidentals</b>	Overnight travel-related incidentals, including tips	
<b>IV-4 POSTAGE</b>		<b>\$ 100.00</b>
<b>IV-4.1 Mailings</b>	Postage for RTAC packets and other mailings	
<b>IV-5 REGISTRATION / TRAINING</b>		<b>\$ 1,000.00</b>
<b>IV-5.1 Conference Registration</b>	Registration fees for NCAMPO, APA-NC, and other approved conferences	
<b>IV-5.2 Meeting / Workshop / Training Fees</b>	Meeting, workshop, and training fees, etc.	
<b>IV-6 TRAVEL</b>		<b>\$ 3,200.00</b>
<b>IV-6.1 Mileage Reimbursement</b>	Mileage reimbursement	
<b>IV-6.2 Car Rental Costs</b>	Car rental costs	

**IV-6.3 Other Travel Expenses**

Parking costs and other transportation expenses

**V. INDIRECT COSTS**

**V-1 INDIRECT COSTS APPROVED BY COGNIZANT AGENCY FY 18-19** \$ 30,169.00

**V-1.1 Incurred Indirect Costs**

Indirect costs per NCDOT-approved indirect cost allocation plan

**TOTAL** \$ 235,969.00



## **MEMORANDUM**

DATE: June 27, 2019  
TO: RTCC/RTAC  
FROM: Allen Serkin  
RE: NC 211/East Coast Greenway Feasibility Study Steering Committee

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NCDOT Transportation Planning Division has approved the Statewide Planning and Research (SPR) grant request for an NC 211/East Coast Greenway Feasibility Study. Once the procurement process is complete and a consultant is under contract, a steering committee will guide development of the study. Staff recommends formal establishment of a steering committee and authority for CFRPO staff to determine the actual composition of steering committee based on the following:

- Cape Fear COG/RPO staff
- NCDOT staff, preferably representing Division 3, Transportation Planning Division (funding agency), Bicycle and Pedestrian Transportation Division
- Local government staff and/or volunteers from Brunswick County, City of Southport, Town of Oak Island, and Town of St. James representing interests related to transportation, planning, recreation, and tourism
- Local bicycle/pedestrian, recreation, and tourism interest groups
- East Coast Greenway Alliance staff and/or volunteers

## MEMORANDUM

DATE: June 27, 2019  
TO: RTCC/RTAC  
FROM: Allen Serkin  
RE: Prioritization 6.0 Carryover Project Modifications and Deletions

Based on the Draft 2020-2029 STIP, the following projects carryover automatically for P6.0:

SPOT ID	TIP	Description	Cost to NCDOT
F150235	F-5705	Southport-Ft. Fisher Ferry: Acquire an additional river class ferry vessel to reduce expected passenger congestion	\$ 14,000,000
H090133-B	R-2561B	NC 87: Widen to 4 lanes from SR 1730 (Elwell Ferry Road) in Bladen County to NC 11 in Columbus County	\$ 56,100,000
H090133-C	R-2561C	NC 87: Widen to 4 lanes from NC 11 to US 74/76	\$ 93,000,000
H090236-A	R-3434	NC 906 (Midway Rd): Widen to 4 Lanes from NC 211 (Southport-Supply Rd) to SR 1501 (Gilbert Rd)	\$ 26,800,000
H090236-B	R-3434	NC 906 (Midway Rd/Galloway Rd): Widen to 3 lanes on 4-lane right-of-way, and realign the offset intersection of Midway Rd and Galloway Rd with US 17 Business (Old Ocean Hwy)	\$ 45,900,000
H090237-A	R-5876	Future I-74 (Carolina Bays Pkwy): Construct freeway on new location from the SC state line to US 17 at NC 130	\$ 366,700,000
H090287-AE		Future I-74 (Delco Bypass): Construct interstate on new location from west of SR 1844 (Oscar Blanks Rd) to east of the Columbus/Brunswick county line	\$ 83,700,000
H090287-AF		Future I-74 (US 74/76): Upgrade to interstate standards from east of the Columbus/Brunswick county line to NC 87 (Maco Rd)	\$ 39,300,000
H090287-AG		Future I-74 (US 74/76): Upgrade to interstate standards from NC 87 (Maco Rd) to SR 1426 (Mt Misery Rd)	\$ 304,000,000
H090287-G		Future I-74 (US 74/76): Construct interchange at existing at-grade Intersection of US 74/76 and NC 87 (Maco Rd)	\$ 20,000,000
H090806-C	R-5947	NC 211: Widen to 4 lanes from SR 1112 (Sunset Harbor Road) to NC 906 (Midway Road) per feasibility study WS-40814	\$ 33,500,000

Staff is working with our NCDOT partners to consider the following carryover project modifications:

SPOT ID	Project Description	Comment
H090133-C	NC 87: Widen to 4 lanes from <u>R-2561CA @ Narrow Gap Rd</u> <del>NC-11</del> to US 74/76	Modify limits and cost for R-2561CA
H090287-AE	Future I-74 (Delco Bypass): Construct interstate on new location from west of SR 1844 (Oscar Blanks Rd) to east of the Columbus/Brunswick county line	Modify alignment and termini per FS-H090287
H090287-AF	Future I-74 (US 74/76): Upgrade to interstate standards from east of the Columbus/Brunswick county line to NC 87 (Maco Rd)	

**CAPE FEAR RURAL TRANSPORTATION PLANNING ORGANIZATION**

**RESOLUTION SUPPORTING THE NAMING OF NC FERRY DIVISION TUGS**

**WHEREAS**, the Rural Transportation Advisory Committee is the duly recognized transportation decision making body for the Cape Fear Rural Planning Organization (CFRPO), as authorized under NCGS §136-211; and

**WHEREAS**, the NCDOT Ferry Division, Albemarle RPO, Cape Fear RPO, Down East RPO, Mid-East RPO, Wilmington MPO, and NCDOT Division 1, 2, and 3 Division Engineers coordinated and supported the Ferry Support Fleet Replacement project (F130001) to replace all tugs and barges in the Ferry Division fleet in Prioritization 4.0; and

**WHEREAS**, the Ferry Support Fleet Replacement project (F-5703) was fully funded for Federal Fiscal Year 2019 in the 2017-2027 State Transportation Improvement Program (STIP); and

**WHEREAS**, the NC Ferry Division has a tradition of naming NC ferry vessels after towns and regions of coastal NC.

**NOW THEREFORE, BE IT RESOLVED**, that the Rural Transportation Advisory Committee of the Cape Fear Rural Transportation Planning Organization hereby supports the naming of the new tugs as follows:

- NC-3 tug: WANCHESE
- NC-4 tug: MOREHEAD CITY
- NC-5 tug: CAPE FEAR
- NC-6 tug: HOBUCKEN
- NC-7 tug: MANNS HARBOR

**ADOPTED** at a regular meeting this 10<sup>th</sup> day of July 2019.

BY:

ATTEST:

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Frank Williams, Chair

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Allen Serkin, Secretary

## MEMORANDUM

DATE: June 27, 2019  
TO: RTCC/RTAC  
FROM: Allen Serkin  
RE: Prioritization 6.0 update

1. **COMMITTED PROJECTS:** The Board of Transportation has approved that projects programmed for right-of-way or construction in the first 6 years of the Final 2020-2029 STIP will be considered committed and are not subject to re-prioritization in P6.0. Based on the Draft 2020-2029 STIP, the following CFRPO projects would be considered committed:

SPOT ID	Mode	TIP	Description	Cost to NCDOT
A150497	Aviation	AV-5815	ACZ (Henderson Field) - Construct Apron Expansion (Phase II) and Partial Parallel Taxiway (PC# 2485)	\$2,103,000
B170770	BikePed	EB-5982	NC 211 - Construct a sidewalk on the east side of NC 211 (N Howe St) from the ABC Store (end of current sidewalk) to Doshier Hospital	\$204,000
F150236	Ferry	F-5707	Southport-Ft Fisher Ferry - Construct additional mooring facilities at Southport terminal	\$5,000,000
H090803-F	Highway	R-5877	US 17 - Construct a continuous Green T intersection at NC 210 at Surf City	\$2,800,000
H150503	Highway	R-5850	NC 53 - Widen to 3 lanes from US 117 Bypass to Stag Park Rd	\$4,200,000
H170193	Highway	R-5952	US 701 Bypass/Complex St - Construct an interchange at the intersection of US 701 Bypass and SR 1305 (Complex St) in Tabor City, including partial realignment of US 701 Business (Hickman Rd) and Complex Street	\$7,900,000

2. **CARRYOVER PROJECTS:** The Board of Transportation has approved the method for determining which P5.0 projects will carryover automatically to P6.0 and which projects will need to be resubmitted as new projects. There are three categories of carryover projects: (1) uncommitted projects programmed in the Final 2020-2029 STIP; (2) projects that will be within the limits of a NEPA document for a project programmed in the Final 2020-2029 STIP; and (3) projects with a NEPA document that was completed after January 1, 2009 or is in-progress and active as of December 31, 2018. These criteria are slightly different from P5.0. The CFRPO projects that would carry over automatically to P6.0 based on the Draft 2020-2029 STIP was provided in a separate memo.
3. **NEW PROJECT SUBMITTALS:** The Board of Transportation has approved the method for determining the number of new project submittals per mode for P6.0. An additional submittal

for a mode can be obtained by deleting a carryover project for that mode. The CFRPO will receive 19 new submittals per mode for P6.0. This is the same as in P5.0.

4. **LOCAL INPUT POINTS**: The Board of Transportation has approved the methodology for determining the number of points available for project assignments. The CFRPO will have 1300 points available to assign to projects at both the Regional Impact and Division Needs categories, with no more than 100 points available to any one project. This is the same as in P5.0.
5. **SCORING CRITERIA**: The Board of Transportation has approved the project scoring criteria for Prioritization 6.0, as summarized on the following pages. Of note is that there will now be two different highway scoring criteria for Mobility projects (those that add capacity) and for Modernization projects (those that upgrade to standard geometry without adding capacity).

# 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.

Quantitative Score vs. Local Input				
Funding Category	QUANTITATIVE		LOCAL INPUT	
	Data		Division	MPO/RPO
Statewide Mobility	Criteria 1 = 30%	} 100%	--	--
	Criteria 2 = 25%			
	Criteria 3 = 15%			
	Criteria 4 = 10%			
	Criteria 5 = 15%			
	Criteria 6 = 5%			
Regional Impact	Criteria 1 = 20%	} 70%	15%	15%
	Criteria 2 = 20%			
	Criteria 3 = 10%			
	Criteria 4 = 10%			
	Criteria 5 = 10%			
Division Needs	Criteria 1 = 15%	} 50%	25%	25%
	Criteria 2 = 15%			
	Criteria 3 = 10%			
	Criteria 4 = 5%			
	Criteria 5 = 5%			

## 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	
(not eligible)	(not eligible)	20%	Safety
		15%	Accessibility/Connectivity
		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	
(not eligible)	25%	Cost Effectiveness	20%	Cost Effectiveness
	20%	Demand/Density	10%	Demand/Density
	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	
(not eligible)	25%	Cost Effectiveness	15%	Cost Effectiveness
	20%	Demand/Density	15%	Demand/Density
	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	
(not eligible)	(not eligible)	15%	Cost Effectiveness
		15%	Impact
		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	No Normalization	90% minimum (Region competition)	90% minimum (Division competition)
Non-Highway		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)

## Carryover Projects – Automatically carry over from P5.0 for evaluation in P6.0

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

**HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

U-5827	SR 1632 (LOUIS STEPHENS DRIVE), POPLAR PIKE LANE	BUILD NC CONST	FY 2020 -	\$86,000	(T)
WAKE	IN MORRISVILLE TO SR 2123 (LITTLE DRIVE) IN		FY 2021 -	\$86,000	(T)
<b>PROJ.CATEGORY</b>	RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY		FY 2022 -	\$86,000	(T)
DIVISION	ON NEW LOCATION.		FY 2023 -	\$86,000	(T)
	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN AND</u></b>		FY 2024 -	\$86,000	(T)
	<b><u>RIGHT-OF-WAY DELAY CONSTRUCTION FROM FY 19</u></b>		FY 2025 -	\$86,000	(T)
	<b><u>TO FY 20.</u></b>		FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		CONSTRUCTION	FY 2020 -	\$1,577,000	(T)
				\$2,867,000	

**DIVISION 6**

I-5877	I-95, SR 1811 (BUD HAWKINS ROAD) (EXIT 70) AND SR	CONSTRUCTION	FY 2020 -	\$1,025,000	(T)
HARNETT	1001 (LONG BRANCH ROAD) (EXIT 71). IMPROVE		FY 2021 -	\$9,738,000	(T)
<b>PROJ.CATEGORY</b>	INTERCHANGES.		FY 2022 -	\$9,737,000	(T)
STATEWIDE	<b><u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u></b>			\$20,500,000	
	<b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>				

R-5020A	US 701 BYPASS, SR 1166 (PLEASANT PLAINS ROAD) TO	CONSTRUCTION	FY 2021 -	\$10,933,000	(T)
COLUMBUS	SR 1437 (VIRGIL AVENUE).		FY 2022 -	\$10,933,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u></b>		FY 2023 -	\$10,934,000	(T)
REGIONAL	<b><u>CONSTRUCTION FROM FY 20 TO FY 21</u></b>			\$32,800,000	

R-5020B	US 701 BYPASS, SR 1437 (VIRGIL AVENUE) TO US 74/US	BUILD NC CONST	FY 2021 -	\$1,716,000	(T)
COLUMBUS	76.		FY 2022 -	\$1,716,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u></b>		FY 2023 -	\$1,716,000	(T)
DIVISION	<b><u>CONSTRUCTION FROM FY 20 TO FY 21</u></b>		FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$10,216,000	(T)
		CONSTRUCTION	FY 2021 -	\$1,500,000	(T)
				\$27,160,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP MODIFICATIONS

R-5021	- CAPE FEAR RURAL PLANNING	NC 211, SR 1500 (MIDWAY ROAD) TO NC 87. WIDEN TO	CONSTRUCTION	FY 2020 -	\$345,000	(HP)
BRUNSWICK	ORGANIZATION	MULTI-LANES.		FY 2020 -	\$21,005,000	(BG5200)
<b>PROJ.CATEGORY</b>		<b><u>TO STRATEGICALLY BALANCE LETTINGS. DELAY</u></b>		FY 2021 -	\$21,350,000	(BG5200)
DIVISION		<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>		FY 2022 -	\$21,350,000	(BG5200)
				FY 2023 -	\$21,350,000	(BG5200)
					\$85,400,000	
R-5701	- CAPE FEAR RURAL PLANNING	NC 53, US 117 BUSINESS (WALKER	RIGHT-OF-WAY	FY 2020 -	\$10,000	(T)
PENDER	ORGANIZATION	STREET/WILMINGTON STREET). IMPROVE		FY 2020 -	\$150,000	(L)
<b>PROJ.CATEGORY</b>		INTERSECTION.	UTILITIES	FY 2020 -	\$400,000	(T)
REGIONAL		<b><u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 20 NOT</u></b>	CONSTRUCTION	FY 2020 -	\$1,700,000	(T)
		<b><u>PREVIOUSLY PROGRAMMED.</u></b>			\$2,260,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, June 6, 2019

## Cape Fear RPO Division 6 Columbus County Project Report - July 2019

### Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc.

**C203988 (B-5332)**

REPLACE BRIDGE #130 OVER CEDAR CREEK ON SR 1005 (PEACOCK ROAD)

Let Date: 7-18-2017

Work Began: 3-15-2018

Original Completion Date: 2-7-2019

Revised Completion Date: 4-8-2019

Contractor: The Tara Group of Lumberon INC

Contract Amount: \$520,434

**PROJECT COMPLETE**

**C204040 (B-5699, B-5700, B-5711)**

REPLACE 1 BRIDGE IN COLUMBUS COUNTY (B-5699), 1 BRIDGE IN CUMBERLAND COUNTY (B-5700) AND REPLACE 1 BRIDGE IN HARNETT COUNTY (B-5711); COLUMBUS CO: (B-5699) REPLACE BRIDGE #68 ON NC 214

Let Date: 6-6-2017

Work Began: 11-27-2017

Estimated Completion Date: 11-15-2018

Scheduled Progress: 100%

Actual Progress: 66.58%

Contractor: Smith-Rowe

Contract Amount: \$5,491,634

Columbus Project Cost: \$1,250,000

**C204115 (R-5749)**

CONSTRUCT INTERCHANGE AT US 74-76 AND SR 1001 (HALLSBORO ROAD)

R/W Date: 3-31-17

Let Date: 2-20-2018

Work Began: 4-25-2018

Original Completion Date: 11-19-2020

Revised Completion Date: 2-25-2021

Scheduled Progress: 32%

Actual Progress: 36.43%

Contractor: BMCO Construction INC

Contract Amount: \$9,398,677

**HALLSBORO ROAD WILL REMAIN CLOSED UNTIL CONSTRUCTION OF THE NEW INTERCHANGE IS COMPLETE**

**C204133 (W-5601EV)**

US 74 IMPROVEMENTS - CONSTRUCT DIRECTIONAL CROSSOVERS ON US 74 FROM SR 1824 WATER TANK RD TO JUST EAST OF THE BRUNSWICK COUNTY LINE IN COLUMBUS COUNTY

R/W Date: 6-30-2017

Let Date: 8-21-2018

Work Began: 1-9-2019

Estimated Project Completion Date: 12-2020

Scheduled Progress: 12%

Actual Progress: 16.61%

Contractor: Highland Paving Co LLC

Estimated Project Cost: \$3,255,000



**Cape Fear RPO Division 6 Columbus County Project Report - July 2019**

<b>Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc.</b>
<p><b>DF00169</b>  REPLACE BRIDGE #84 OVER JUNIPER SWAMP ON SR 1119 (WRIGHT ROAD), BRIDGE #196 OVER GREENS BRANCH ON SR 1003 (SILVER SPOON ROAD) AND BRIDGE #198 OVER WEST PRONG CREEK ON SR 1546 (BILL HOOKS ROAD)  Let Date: 6-21-2017  Work Began: 1-17-2018  Original Completion Date: 1-24-2019  Revised Completion Date: 5-9-2019  Contractor: Civil Works Contracting LLC  Contract Amount: \$1,754,870  <b>PROJECT COMPLETE</b></p>
<p><b>DF00201</b>  RESURFACING, WIDENING &amp; PAVEMENT MARKINGS ON NC 11, SR 1150, SR 1730, SR 1843 &amp; VARIOUS SECONDARY ROUTES IN BLADEN AND COLUMBUS COUNTIES (16.44 MILES)  Let Date: 3-7-2018  Availability Date: 4-4-2018  Work Began: 5-3-2018  Original Completion Date: 8-30-2019  Revised Completion Date: 9-13-2019  Scheduled Progress: 70%  Actual Progress: 47.49%  Contractor: Barnhill  Contract Amount: \$2,052,738</p>
<p><b>DF00202</b>  RESURFACING, WIDENING &amp; PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES IN BLADEN AND COLUMBUS COUNTIES (30.07 MILES)  Let Date: 3-7-2018  Work Began: 6-4-2018  Original Completion Date: 8-30-2019  Revised Completion Date: 9-16-2019  Scheduled Progress: 52%  Actual Progress: 88.22%  Contractor: Barnhill  Contract Amount: \$4,380,068</p>
<p><b>DF00229 (W-5706P)</b>  INSTALL THERMOPLASTIC PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES IN BLADEN, COLUMBUS, CUMBERLAND AND HARNETT COUNTIES  Let Date: 8-15-2018  Work Began: 2-14-2019  Estimated Completion Date: 8-30-2019  Scheduled Progress: 54%  Actual Progress: 68.17%  Contractor: Performance Sealing &amp; Striping INC  Contract Amount: \$1,466,415</p>
<p><b>DF00219</b>  RESURFACING, MILLING, MAT COAT, WIDENING AND PAVEMENT MARKINGS ON NC 130 AND SR 1740 IN COLUMBUS COUNTY  Let Date: 6-6-2018  Work Began: 4-23-2019  Estimated Completion Date: 6-30-2020  Scheduled Progress: 8%  Actual Progress: 61.75%  Contractor: S.T. Wooten Corporation  Contract Amount: \$4,414,924</p>

## Cape Fear RPO Division 6 Columbus County Project Report - July 2019

### Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc.

**DF00236 (B-6039)**

REPLACE BRIDGE #211 ON SR 1904 (RED BUG ROAD) OVER JOCKEY BRANCH

Let Date: 10-17-2018

Work Began: 2-18-2019

Original Completion Date: 11-25-2019

Revised Completion Date: 12-25-2019

Scheduled Progress: 69%

Actual Progress: 76.44%

Contractor: The Tara Group of Lumberton INC

Contract Amount: \$609,374

**DF00240 (SS-4906DJ)**

REPLACE BRIDGE# 222, 226 & 230 ON SR 1700 (RED HILL ROAD) OVER RED HILL SWAMP IN COLUMBUS COUNTY

Let Date: 2-20-2019

Work Began: 5-28-2019

Original Completion Date: 10-13-2020

Revised Completion Date: 11-9-2020

Scheduled Progress: 8%

Actual Progress: 4.99%

Contractor: The Tara Group of Lumberton INC

Contract Amount: \$2,721,617

**Cape Fear RPO Division 6 Columbus County Project Report - July 2019**

<b>Upcoming Projects: STIP/Bridge/Safety/Maintenance/Resurfacing Projects, etc.</b>
<p><b>DF00200</b>                      ASPHALT SURFACE TREATMENT ON VARIOUS SECONDARY ROUTES IN COLUMBUS COUNTY                      Let Date: 2-7-2018                      Availability Date: 4-1-2018                      Estimated Completion Date: 6-15-2019                      Scheduled Progress: 0%                      Actual Progress: 0%                      Contractor: Riley Paving INC                      Contract Amount: \$1,359,074</p>
<p><b>DF00203</b>                      RESURFACING, MILLING, WIDENING AND PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES AND NC 130 AND NC 905 IN COLUMBUS COUNTY                      Let Date: 3-7-2018                      Availability Date: 4-2-2018                      Estimated Completion Date: 8-30-2019                      Scheduled Progress: 0%                      Actual Progress: 0%                      Contractor: Barnhill                      Contract Amount: \$3,469,047</p>
<p><b>DF00233</b>                      RESURFACING, MILLING, PAVEMENT INTERLAYER, WIDENING, PAVEMENT MARKINGS ON US 701 BYPASS AND VARIOUS SECONDARY ROUTES (31.4 miles)                      Let Date: 10-17-2018                      Original Completion Date: 10-30-2020                      Revised Completion Date: 11-6-2020                      Scheduled Progress: 0%                      Actual Progress: 0%                      Contractor: Barnhill Contracting Company                      Contract Amount: \$4,448,417</p>
<p><b>C204272 (B-6006)</b>                      REPLACE BRIDGE #313 ON SR 1159 (OLD TRAM ROAD) OVER BOOGY BRANCH IN COLUMBUS COUNTY. ALSO INCLUDES REPLACING 2 BRIDGES IN BLADEN COUNTY AND 1 BRIDGE IN ROBESON COUNTY                      Let Date: 1-15-2019                      Availability Date: 2-25-2019                      Estimated Project Completion Date: 8-1-2021                      Scheduled Progress: 0%                      Actual Progress: 0%                      Contractor: The Tara Group of Lumberton INC                      Contract Amount: \$2,745,918  <b>R/W &amp; Construction for Bridge #313: FY 2019</b></p>
<p><b>R-2561C</b>                      Widen NC 87 to multilanes from NC 11 to US 74/76                      R/W &amp; Utilities Date: FY 2025                      Construction date to begin: FY 2027                      Estimated Project Cost: \$87,225,000</p>
<p><b>R-2561CA</b>                      NC 87 at NC 11 convert at-grade intersection to interchange                      R/W &amp; Utilities: FY 2020                      Let Date: FY 2021                      Estimated Project Cost: \$22,500,000</p>

**Cape Fear RPO Division 6 Columbus County Project Report - July 2019**

<b>Upcoming Projects: STIP/Bridge/Safety/Maintenance/Resurfacing Projects, etc.</b>
<p><b>R-5013</b>                      Intersection improvements at US 701 and NC 410 (Joe Brown Highway)                      Construction to Begin: FY 2020                      Estimated Project Cost: \$1,570,000</p>
<p><b>R-5819 &amp; R-5820</b>                      US 74/76 at SR 1740 (Old Lake Road) and US 74/76 at SR 1735 (Chaunceytown Road) improvements                      R/W acquisition &amp; Utilities: FY 2020                      Let Date: FY 2021                      Construction to Begin: FY 2022                      Estimated Project Cost (R-5819): \$11,235,000                      Estimated Project Cost (R-5820): \$20,497,000                      Combined Estimated Project Cost: \$31,732,000  <b>FY 2018-27 STIP Amendment to include PROJECT COST INCREASE from \$11,082,000 to \$31,732,000</b>  <b>PUBLIC MEETING WAS HELD MAY 30, 2019</b></p>
<p><b>R-5020 A</b>                      US 701 Bypass from South of SR 1166 (Pleasant Plains Road) to SR 1437 (Virgil Avenue). Widen to multilanes.                      R/W acquisition: FY 2018                      Original Let Date: FY 2021                      REVISED LET DATE: FY 2025                      Construction to Begin: FY 2024                      Project Cost Estimate: \$39,275,000  <b>PROJECT LETTING HAS BEEN DELAYED FROM JULY 2020 to JULY 2024</b></p>
<p><b>R-5020B</b>                      US 701 Bypass from SR 1437 (Virgil Avenue) to US 74/US 76. Widen to multilane facility                      R/W acquisition: FY 2018                      Let Date: FY 2021                      Construction to Begin: FY 2021                      Project Cost Estimate: \$28,425,000</p>
<p><b>R-5797</b>                      US 74 at SR 1506 (Boardman Road - Macedonia Road) upgrade at-grade intersection to interchange                      R/W acquisition: FY 2019                      Construction to Begin: FY 2021                      Estimated Project Cost: \$15,100,000</p>
<p><b>R-5952</b>                      US 701 BYPASS AT SR 1305 (COMPLEX STREET) - UPGRADE INTERSECTION                      Draft STIP Schedule as of Jan 2019 - R/W &amp; Utilities: FY 2025; Construction to Begin: FY 2027                      Estimated Project Cost: \$7,900,000</p>
<p><b>I-6011</b>                      I-74, US 74, FROM NC 41 NEAR LUMBERTON TO US 76 NEAR CHADBOURN. UPGRADE US 74 TO INTERSTATE STANDARDS                      Draft STIP Schedule as of Jan 2019 - R/W: FY 2027; Construction to Begin: FY 2029                      REVISED PROJECT SCHEDULE as of June 2019 - Let Date: FY 2030</p>



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

Wednesday, July 10, 2019

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

TAC TPD UPDATES CAPE FEAR RPO  
July 10, 2019

**New Business:**

**Columbus County CTP** – The TPD Engineer has addressed all the RPO comments and the RPO is reviewing the latest draft maps and chapter 2.

**Brunswick County Model** – The new engineer and modeler have taken over the model since the previous engineer and modeler left. As of June 20<sup>th</sup>, base year estimation has been completed.

**NC Moves 2050:** The NC Moves Survey closed on June 2<sup>nd</sup>. The NC Moves team is working on compiling all the survey results.

**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.

**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-

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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.

### **Old Business:**

**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.

**Strategic Transportation Corridors Master Plans:** They have finalized the generic scope with the consultants for all STC plans. They are waiting for consultants to modify their individual scope of services before moving onto the next phase.

**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.

**Statement Transportation Plan (NC Moves 2050):** Consultants are addressing all comments being submitted including the Secretary of Transportation’s comments. Groups have been formed to host Table Topics. Staff has been reaching out to different organizations to host table topics with a representative from NCDOT. Spring Table Events continue to be scheduled: the Azalea Festival in Wilmington 4/6-7, Pickle Festival in Mt. Olive 4/13, DMV Special Event in Raleigh 4/13, POW WOW in Hollister 4/20, Hmong Easter Festival in Hickory 4/20-21, DMV Special Event in Greensboro 4/27, Electric Vehicle Car Show in Greensboro 4/27, Lexington Multicultural festival in Lexington 5/4, Latino Festival in Wilmington 5/4, Disabled Veterans Fair in Wilmington 5/11, Got to Be NC in Raleigh 5/17-19. The survey is open now and will be closing out on June 2<sup>nd</sup>. There is an educational video that has been released.

**CTP Study Requests** – CTP Study Requests were accepted in Spring of 2018. Studies have been prioritized and assigned based on available resources; mainly as new work plans began in June 2018. Other assignments may occur later as additional resources become available.

**Performance Measures** – Summary of pending items and deadlines:

1. PM2 and PM3 targets (pavement, bridge, and system performance):
  - Per CFR450.324(f)(3), the MTP has to contain a description of the performance measures and the targets used.
2. MPO's are required to amend their TIP by updating language within it.
3. Data sharing agreements.
  - Recommend executing agreement as soon as possible.
4. NCDOT submitted the required yearly safety (PM1) targets on August 31, 2018.
  - MPO's have 180 days to support NCDOT's targets or establish their own (Feb 27, 2019).
  - Safety targets are a yearly process.
  - MTP needs to be updated to include these targets.

The jointly written provisions (which are noted in the draft data-sharing agreements) to address FTA's Transit Assessment Management/State of Good Repair (TAM/SGR) performance measures must be completed by October 1, 2018. As information on transit asset conditions as reported by providers of public transportation to the National Transit Database (NTD) will not be available until October 2019, they will need to provide this information directly to their MPO. For additional TAM/SGR information, please see FTA's TAM webpage.

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

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

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

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

**Training:** A recording of the 2017 MPO/RPO Ethics training webinar can be viewed at the following location: <https://livestream.com/NC-DOT/events/7161243>

**Corridor Studies:** TPD has recently made the decision to temporarily pause the development of the STC Master Plans in order to reevaluate the scope and deliverables to make it a more useful and effective end product. A work group of internal and external partners to help reexamine this effort is currently being formed.

**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.

**RPO Program Reviews:** FHWA submitted their findings and recommendations for improvement to NCDOT. TPD has developed an action plan to address the recommendations. FHWA, NCDOT and the RPO Administrative Documents Committee will collaborate on the implementation of resulting changes.

**CMAQ:** Applications for funding in FFY 2019 were due by March 15, 2018.

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

**HERE Data:** HERE Data is available for use for NCDOT business purposes, subsequently being available for RPO use. Data available for travel times and speed measures across the state. Program available at: <https://pda.ritis.org/suite>

**FHWA News:** Functional Classification - FHWA has an interactive map that shows the Federal highway system, freight network, fatal crashes, MPO information, and demographic maps at the county level.

**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.