

The Cape Fear Rural Transportation Planning Organization serves 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 Advisory Committee (RTAC)

Meeting Agenda

July 10, 2019 • 9:00 AM

NCDOT Division 3 Conference Room • Castle Hayne, NC

5501 Barbados Blvd, Castle Hayne, NC 28429

I. START-UP

1. Call to Order/Introductions
2. Invocation/Pledge of Allegiance
3. Ethics awareness & conflict of interest statement – The following is to be read aloud at the beginning of each meeting:

In accordance with the State Government Ethics Act, it is the duty of every Committee member to avoid conflicts of interest. Does any Committee member have any known conflict of interest with respect to any matters coming before the Committee today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

If any members have a conflict of interest, an ABSTENTION FROM VOTING form [*attached*] is required to be submitted *prior to the meeting*.

4. Additions or corrections to the agenda
5. Approval of minutes: May 10, 2019 [*attached*]
6. Public comment

II. PRESENTATIONS

7. Brunswick County Community Connectivity Plan – Yvonne Hatcher, BTS Exec. Director

III. NEW BUSINESS

8. FY 2019-2020 PWP Amendment [Public Hearing] – 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. RTCC recommended approval of the *attached* FY 2019-2020 PWP Amendment.

9. **NC 211/East Coast Greenway Feasibility Study Steering Committee** – NCDOT approved the NC 211/East Coast Greenway Feasibility Study grant request. *RTCC recommended establishment of a Steering Committee pursuant to the attached memo.*
10. **P6.0 Preliminary Carryover Project Modifications/Deletions** - The deadline for project modifications and deletions is October 25. *RTCC recommended approval of the attached preliminary modifications and deletions.*
11. **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 the September 20th meeting. New project ideas must be submitted to the CFRPO by August 21st to be included on the preliminary project list. *No action required.*
12. **NC Ferry Tug Naming Resolution** – The NC Ferry Division names vessels after cities and regions in NC. *RTCC recommended approval of the attached resolution.*
13. **Lake Waccamaw Bicycle and Pedestrian Planning Grant Resolution** – The Town of Lake Waccamaw requested a resolution in support of their application for a Project Acceleration Plan grant. *RTCC recommended approval of the attached resolution.*

IV. REPORTS/UPDATES

- Cape Fear RPO
 - Prioritization 6.0 (memo and schedule 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) - [attached]
- NCDOT Division 6 (Columbus) - [attached]
- NCDOT Transportation Planning Division (TPD) - [attached]
- NC Board of Transportation

V. OTHER

1. **Open discussion:** General questions, comments, and other discussions
2. **Future meetings:** Sep. 20, 2019 (P6.0 modifications/deletions)
Nov. 15, 2019 (P6.0 new projects, alternate weights)
3. **Adjourn**

Cape Fear RPO
Rural Transportation Advisory Committee (RTAC) Meeting
July 10, 2019

ABSTENTION FROM VOTING

The undersigned RTAC Member abstains from voting on the following Agenda items and requests that the official record of the Meeting shows that he or she did not vote on the motion:

Item _____

Reason for Abstention: _____

Item _____

Reason for Abstention: _____

Item _____

Reason for Abstention: _____

Signature: _____

Date: _____

The RTAC Member should review the agenda prior to the meeting, list the agenda items or other matters for which he or she desires to abstain from voting, sign name, and give request to Allen Serkin, Secretary to the RTAC, prior to the meeting.

Cape Fear RPO

Brunswick County ❖ Columbus County
Pender County

Rural Transportation Advisory Committee May 5, 2019 Meeting Minutes

Voting Members Present

Teresa Batts, Surf City
JV Dove, Southport
Mike Forte, Brunswick County
Don Helms, Surf City
Fred McCoy, Pender County

Glenn Marshall, Sandy Creek
Edwin Russ, Columbus County
Frank Williams, Brunswick County
Jackie Williams-Rowland, Brunswick

Others Present

Karen Collette, NCDOT Division 3
Dave DeLong, St. James
Bill Hammond, NCDOT Division 6

Caitlin Marks, NCDOT Division 3
Allen Serkin, Cape Fear COG
Sam Shore, Cape Fear COG

1. **Introduction and quorum** – Having reached a quorum, Mr. Williams called the meeting to order at 9:00 AM.
2. **Invocation/Pledge of Allegiance** – Mr. Dove led the invocation and the Pledge of Allegiance.
3. **Ethics awareness and conflict of interest statement** – Mr. Williams read the statement to the RTAC. No conflicts of interest were raised and no members recused themselves from any votes.
4. **Additions or corrections to the agenda** – With no proposed changes or additions to the agenda, *Mr. Helms made a motion to approve the agenda as presented, Mr. McCoy seconded the motion. The motion carried.*
5. **Approval of Minutes** – *Mr. Helms made a motion to approve the minutes as presented, Mr. McCoy seconded the motion. The motion carried.*
6. **Public comment** – There was no public comment.
7. **NC Moves 2050 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. *No action was taken.*
8. **Prioritization** – Ms. Marks provided a presentation explaining the Prioritization 6.0 process. *No action was taken.*

9. **FY 2018-2019 PWP Amendment** – Mr. Williams opened the hearing at 10:19. Mr. Serkin presented the PWP amendment for the current fiscal year, with updates based on changes in expected workload and costs. There were no comments. The hearing was closed at 10:22. *Mr. McCoy made a motion to approve the PWP amendment as presented, Mr. Helms seconded the motion. The motion carried.*
10. **FY 2019-2020 PWP** – Mr. Williams opened the hearing at 10:22. Mr. Serkin presented the PWP for the upcoming fiscal year. There were no comments. The hearing was closed at 10:23. *Mr. Forte made a motion to approve the PWP as presented, Ms. Williams-Rowland seconded the motion. The motion carried.*
11. **FY 2019-2020 PWP Alternative** – Mr. Williams opened the hearing at 10:23. Mr. Serkin presented an alternative PWP for the upcoming fiscal year that would allow the RPO to administer funds from a pending TPD grant for an East Coast Greenway/NC211 corridor study if needed. There were no comments. The hearing was closed at 10:23. *Mr. Helms made a motion to approve the alternative PWP as presented on the conditions that the grant is approved and the RPO is responsible for administering the grant, Mr. Forte seconded the motion. The motion carried.*
12. **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. Hammond provided an update for Division 6. Ms. Sarder gave an update for the Transportation Planning Branch, noting that her division has been experiencing high turnover. Mr. Serkin noted that the Brunswick County CTP is still the next priority regionally followed by the Pender County CTP as NCDOT staffing allows. Mr. Serkin relayed information from Grady Hunt of the NC Board of Transportation that a vote on the STIP has been delayed until September.
13. **Open Discussion** – Mr. Serkin announced that he has been selected as the next Executive Director of the Cape Fear Council of Governments and that a new RPO Director will be selected around the beginning of August.
14. **Adjournment** – *There being no further discussion, the meeting was adjourned without objection at 11:10 AM.*

Minutes prepared by Sam Shore on May 16, 2019.

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

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

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**

| | | |
|---|---|---------------------|
| I. DATA COLLECTION AND ASSESSMENT | | |
| I-1 DATA COLLECTION AND ASSESSMENT | | \$ 8,500.00 |
| I-1.1 Highway | Collection, analysis, and mapping of highway- and vehicle-related data, including the CFRPO traffic counting program, signalized intersections, etc. | |
| I-1.2 Other Modes | Collection, analysis, and mapping of non-highway-related data, etc. | |
| I-1.3 Socioeconomic | 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. | |
| I-1.4 Title VI | Collection, analysis, and mapping of demographic data related to Title VI compliance, including minority, poverty, age 65+, English proficiency, vehicle access; etc. | |
| II. TRANSPORTATION PLANNING | | |
| II-1 COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT | | \$ 8,000.00 |
| II-1.1 Develop CTP Vision | 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. | |
| II-1.2 Conduct CTP Needs Assessment | 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. | |
| II-1.3 Analyze Alternatives and Environmental Screening | Review and analyze project and program alternatives against community vision/goals/objectives, natural and human environmental constraints, fiscal reality, funding and maintenance concerns, etc. | |
| II-1.4 Develop Final Plan | Develop and review final written, graphic, and mapping products for the Brunswick and Pender Co. CTPs | |
| II-1.5 Adopt Plan | Coordinate meetings, develop and review presentations, attend public hearings and other meetings, etc. related to final CTP adoption | |
| II-2 PRIORITIZATION | | \$ 13,000.00 |
| II-2.1 Project Prioritization | Duties and responsibilities related to implementing STI and other local project prioritization activities | |
| II-3 PROGRAM AND PROJECT DEVELOPMENT | | \$ 5,000.00 |
| II-3.1 STIP Participation | Duties and responsibilities related to reviewing and commenting on STIP additions, modifications, deletions, and drafts; other correspondence with STIP unit; etc. | |
| II-3.2 Merger / Project Development | Review and comment on Merger and other project development documents and attend Merger and other project development meetings | |

| | | |
|--|---|----------------------|
| II-4 GENERAL TRANSPORTATION PLANNING | | \$ 128,000.00 |
| II-4.1 | Regional and Statewide Planning | |
| | 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 | |
| II-4.2 | Special Studies, Projects and Other Trainings | |
| | 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. | |
| III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES | | |
| III-1 ADMINISTRATIVE ACTIVITIES | | \$ 26,500.00 |
| III-1.1 | Administrative Documents | |
| | 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 | |
| III-1.2 | TCC / TAC Work Facilitation; Ethics Compliance | |
| | 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. | |
| III-1.3 | Program Administration | |
| | 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 | |
| IV. DIRECT COSTS | | |
| IV-1 PROGRAMMATIC DIRECT CHARGES | | \$ 10,000.00 |
| IV-1.1 | Program-wide Direct Costs | |
| | 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. | |
| IV-2 ADVERTISING | | \$ 1,000.00 |
| IV-2.1 | News Media Ads | |
| | Public notice advertisements | |
| IV-3 LODGING, MEALS, INCIDENTALS | | \$ 1,500.00 |
| IV-3.1 | Hotel Costs | |
| | Lodging costs for overnight program and training activities, including NCMPO conference, APA-NC conference, and NCARPO quarterly meetings | |
| IV-3.2 | Meal Costs | |
| | Overnight travel-related meal per-diems | |
| IV-3.3 | Incidentals | |
| | Overnight travel-related incidentals, including tips | |
| IV-4 POSTAGE | | \$ 100.00 |
| IV-4.1 | Mailings | |
| | Postage for RTAC packets and other mailings | |
| IV-5 REGISTRATION / TRAINING | | \$ 1,000.00 |
| IV-5.1 | Conference Registration | |
| | Registration fees for NCAMPO, APA-NC, and other approved conferences | |
| IV-5.2 | Meeting / Workshop / Training Fees | |

Meeting, workshop, and training fees, etc.

| | |
|---|---------------|
| IV-6 TRAVEL | \$ 3,200.00 |
| IV-6.1 Mileage Reimbursement | |
| Mileage reimbursement | |
| IV-6.2 Car Rental Costs | |
| 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

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> NC-11 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 10th day of July 2019.

BY:

ATTEST:

Frank Williams, Chair

Allen Serkin, Secretary

CAPE FEAR RURAL TRANSPORTATION PLANNING ORGANIZATION

**RESOLUTION ENDORSING THE TOWN OF LAKE WACCAMAW APPLICATION
FOR A NORTH CAROLINA DEPARTMENT OF TRANSPORTATION BICYCLE
AND PEDESTRIAN PLANNING GRANT**

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 North Carolina Department of Transportation (NCDOT) has established a Bicycle and Pedestrian Planning Grant which provides funding to projects that will result in comprehensive local bicycle and pedestrian transportation plans; and

WHEREAS, the Town of Lake Waccamaw is applying for funding from the NCDOT for a project acceleration plan; and

WHEREAS, the Rural Transportation Advisory Committee of the CFRPO feels it to be in its best interest to endorse said project;

NOW THEREFORE, BE IT RESOLVED that the Rural Transportation Advisory Committee of the Cape Fear Rural Planning Organization hereby endorses the Bicycle and Pedestrian Planning Grant application by the Town of Lake Waccamaw and if the grant is awarded, will offer to provide technical assistance for the duration of the planning process.

This resolution adopted this 10th day of July 2019.

BY:

ATTEST:

Frank Williams, Chairperson

Allen Serkin, Secretary

MEMORANDUM

DATE: July 3, 2019
TO: 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. New for P6.0 is the ability to “flex” up to 500 points between Regional Impact and Division Needs categories.
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) |
| PROJ.CATEGORY | RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY | | FY 2022 - | \$86,000 | (T) |
| DIVISION | ON NEW LOCATION. | | FY 2023 - | \$86,000 | (T) |
| | <u>TO ALLOW ADDITIONAL TIME FOR DESIGN AND</u> | | FY 2024 - | \$86,000 | (T) |
| | <u>RIGHT-OF-WAY DELAY CONSTRUCTION FROM FY 19</u> | | FY 2025 - | \$86,000 | (T) |
| | <u>TO FY 20.</u> | | 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) |
| PROJ.CATEGORY | INTERCHANGES. | | FY 2022 - | \$9,737,000 | (T) |
| STATEWIDE | <u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u> | | | \$20,500,000 | |
| | <u>CONSTRUCTION FROM FY 19 TO FY 20</u> | | | | |

| | | | | | |
|----------------------|---|--------------|-----------|--------------|-----|
| 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) |
| PROJ.CATEGORY | <u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u> | | FY 2023 - | \$10,934,000 | (T) |
| REGIONAL | <u>CONSTRUCTION FROM FY 20 TO FY 21</u> | | | \$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) |
| PROJ.CATEGORY | <u>TO STRATEGICALLY BALANCE LETTINGS DELAY</u> | | FY 2023 - | \$1,716,000 | (T) |
| DIVISION | <u>CONSTRUCTION FROM FY 20 TO FY 21</u> | | 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) |
| PROJ.CATEGORY | | <u>TO STRATEGICALLY BALANCE LETTINGS. DELAY</u> | | FY 2021 - | \$21,350,000 | (BG5200) |
| DIVISION | | <u>CONSTRUCTION FROM FY 19 TO FY 20.</u> | | 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) |
| PROJ.CATEGORY | | INTERSECTION. | UTILITIES | FY 2020 - | \$400,000 | (T) |
| REGIONAL | | <u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 20 NOT</u> | CONSTRUCTION | FY 2020 - | \$1,700,000 | (T) |
| | | <u>PREVIOUSLY PROGRAMMED.</u> | | | \$2,260,000 | |

* INDICATES FEDERAL AMENDMENT

Thursday, June 6, 2019

Projects in Development

| Project Manager | TIP | Description | County | 2020-2029 STIP | | STIP Let | | Comment |
|-----------------|-------------|---|-----------------|------------------|-----|----------|-----------|---|
| | | | | Amount | ROW | Date | | |
| Derek Pielech | 17BP.3.C.3 | Replace Culvert on NC 133 with a bridge | Brunswick | | | IP | Aug-19 | Originally intended to be a culvert but after discoveries with geotechnical reports, a bridge |
| Derek Pielech | 17BP.3.R.62 | Replace Bridge 23 on NC 906/Midway Rd over Brunswick River Swamp | Brunswick | | | TBD | Nov-20 | |
| Derek Pielech | B-4439 | Replace Bridge 100 on Makatoka Rd over Muddy Branch | Brunswick | | | 2019 | Apr-20 | |
| Trace Howell | U-5732A | Dan Owen Connector | Pender | \$ - | | 2017 | CSF (Now) | |
| Brian Harding | R-4462 | US 74/76 at NC 87 (Maco Rd) Interchange | Brunswick | \$ - | | 2025 | N/A | |
| Mike Bass | R-5021 | NC 211 From Midway Rd to NC 87 : widen to a 4-lane divided facility | Brunswick | \$ 85,400,000.00 | | IP | Jan-20 | *Changed from August 2019 to January 2020 |
| Mike Bass | R-5701 | Burgaw Intersection Improvement | Pender | \$ 1,850,000.00 | | Jul-19 | Jun-20 | |
| Eric Murray | R-5850 | Widen NC 53 to 3 lanes from US 117 Bypass to Stag Park Rd | Pender | \$ 4,200,000.00 | | 2023 | May-25 | |
| Mike Bass | R-5877 | US 17 at NC 210 (Surf City) Green-T | Pender | \$ 2,800,000.00 | | 2025 | Jun-27 | |
| Mike Bass | R-5899 | Roundabout at NC 210 and Watts Landing Road (Surf City) | Pender | \$ 2,100,000.00 | | 2026 | Jun-28 | Project currently on hold |
| Mike Bass | R-5900 | NC 210/NC 50 and Belt Rd RAB (Surf City) | Pender | \$ 6,666,000.00 | | 2026 | Jun-28 | Project currently on hold |
| Mike Bass | R-5947 | Widen NC 211 to 4 lanes from SR 1112 (Sunset Harbor Rd) to NC 906 (Midway Rd) | Brunswick | \$ 18,234,000.00 | | 2027 | Jun-29 | Project currently on hold |
| Trace Howell | R-3300B | Hampstead Bypass | New Hanover/Per | \$ - | | IP | Sep-20 | *Previously SS-4903CE |
| Trace Howell | U-5732 | US 17 Hampstead Medidan Project | Pender | \$ 21,105,000.00 | | 2018 | Sep-21 | |
| Brian Harding | U-5932 | US 17 at NC 211 Interchange | Brunswick | \$ 50,400,000.00 | | 2020 | Jun-25 | * |
| Eric Murray | W-5703Q | NC 130 at Longwood Rd and Waccamaw School Rd (Previously | Brunswick | \$ - | | IP | Jan-20 | |

| | |
|--------------------|--|
| Statewide | |
| Regional Impact | |
| Division Needs | |
| Project Let | |
| Fallen out of STIP | |

Date Completed:

6/28/2019

PO:

CFRPO

Contact:

Caitlin Marks

910-341-2000 | cmmarks@ncdot.gov

Please note: Let Dates may change with the final STIP release in September

Resurfacing

| Contract Number | Contract Year | County | Resident | TIP | MPO/RPO | Map | Routes | Estimated Completion | Percent Complete |
|-----------------|---------------|------------------|---------------------|----------------|-------------------------|----------|--|----------------------|------------------|
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | GSATS/WMPO/CFRPO | 0 | US 76 E. & W., US 421 N., NC 130, NC 179, NC 904. | Jan-20 | 99.00% |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO/GSATS | 1 | NC 130 (Whiteville Rd) from US 17 Bus to SR 1335 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO/GSATS | 3 | NC 904 (Longwood Rd) from SR 1321 to SR 1304 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 6 | SR 1504 (Clemmons Rd) from SR 1316 to US 17 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 7 | SR 1333 (Project Rd) from SR 1326 to end of Pavement | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 8 | SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 9 | SR 1337 (Marlow Rd) from SR 1336 to SR 1333 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 10 | SR 1308 (Etheridge Rd) from SR 1300 to NC 904 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 11 | SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO/GSATS | 14 | SR 1316 (Old Shallotte Rd) from NC 904 to US 17 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO/GSATS | 17 | SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304 | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO | 20 | SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM | | |
| C204094 | 2018 | Brunswick | Daniel Waugh | W-5203Y | CFRPO/GSATS | 21 | SR 1315 (Russtown Rd) from SR 1313 to NC 904 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | WMPO/CFRPO | 0 | Various SRs (Pender Resurfacing) | Nov-19 | 93.80% |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | WMPO/CFRPO | 1 | Highsmith Rd from NC 210 to SR 1401 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 2 | Whitestocking Rd from NC 53 to SR 1513 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 3 | Maple Rd from Old River Rd to Dead End | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 4 | Penderlea Hwy from Cora's Gove Rd to Shiloh Rd | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 6 | Shaw Hwy from Old Blakes Rd to NC 53 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 7 | Old Blakes Bridge Rd from Old Maple Hill Rd to Shaw Hwy | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 8 | Vanhoe Rd from Beattys Bridge Rd to Sampson Co | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 9 | Garden Rd/Raccoon Rd from NC 11 to NC 11 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 11 | Pelham Rd/Eleanor Roosevelt Ln from Garden Rd to Raccoon Rd | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 14 | Point Caswell Rd from Slocum Trail rd to End of Pavement | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 15 | Giddeons Pond Rd from NC 11 to SR 1325 (Sill Creek Rd) | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 16 | Cottle Acres from Piney Woods Rd to Penderlea Hwy | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 17 | West Willarlea Rd from Eleanor Roosevelt Ln to NC 11 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 18 | East Willarlea Rd from Eleanor Roosevelt to NC 11 | | |
| DC00229 | 2019 | Pender | Lydia McKeel | N/A | CFRPO | 19 | Sill Creek Rd from Garden Rd/Raccoon Rd to Crooked Run Rd | | |

Projects Under Construction

| Contract Number | Resident | TIP/WBS/Program | County | Description | Estimated Completion | Percent Complete | Comment |
|-----------------|----------------|-----------------|--|---|----------------------|------------------|--|
| DC00239 | Daniel Waugh | N/A | Brunswick | SR 1539 (E. Boiling Springs Lake) Hurricane Pipe Replacement | Apr-19 | 100.00% | |
| C204185 | Wayne Currie | HVBP | Brunswick | Old Oak Island Bridge (#14, NC 133 Country Club Dr) girder repair | Dec-19 | 82.61% | |
| DC00259 | TBD | B-4438 | Brunswick | Replace Bridge 47 on NC 211 over Juniper Creek | Jun-19 | 100% | |
| 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 | 51.04% | |
| C203789 | Trevor Carroll | B-4929 | Pender | Surf City Bridge Replacement | Dec-20 | 98.00% | Minor paving, pedestrian rail, punchlist items |
| C203983 | Keith Eason | B-5304 | Pender | Replace Bridge 203 on SR 1324 (Crooked Run Rd) | Apr-19 | 100.00% | |

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

| Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc. |
|---|
| <p>DF00169 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 PROJECT COMPLETE</p> |
| <p>DF00201 RESURFACING, WIDENING & PAVEMENT MARKINGS ON NC 11, SR 1150, SR 1730, SR 1843 & 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>DF00202 RESURFACING, WIDENING & 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>DF00229 (W-5706P) 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 & Striping INC Contract Amount: \$1,466,415</p> |
| <p>DF00219 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

| Upcoming Projects: STIP/Bridge/Safety/Maintenance/Resurfacing Projects, etc. |
|--|
| <p>DF00200 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>DF00203 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>DF00233 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>C204272 (B-6006) 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 R/W & Construction for Bridge #313: FY 2019</p> |
| <p>R-2561C Widen NC 87 to multilanes from NC 11 to US 74/76 R/W & Utilities Date: FY 2025 Construction date to begin: FY 2027 Estimated Project Cost: \$87,225,000</p> |
| <p>R-2561CA NC 87 at NC 11 convert at-grade intersection to interchange R/W & 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

| Upcoming Projects: STIP/Bridge/Safety/Maintenance/Resurfacing Projects, etc. |
|---|
| <p>R-5013 Intersection improvements at US 701 and NC 410 (Joe Brown Highway) Construction to Begin: FY 2020 Estimated Project Cost: \$1,570,000</p> |
| <p>R-5819 & R-5820 US 74/76 at SR 1740 (Old Lake Road) and US 74/76 at SR 1735 (Chaunceytown Road) improvements R/W acquisition & 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 FY 2018-27 STIP Amendment to include PROJECT COST INCREASE from \$11,082,000 to \$31,732,000 PUBLIC MEETING WAS HELD MAY 30, 2019</p> |
| <p>R-5020 A 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 PROJECT LETTING HAS BEEN DELAYED FROM JULY 2020 to JULY 2024</p> |
| <p>R-5020B 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>R-5797 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>R-5952 US 701 BYPASS AT SR 1305 (COMPLEX STREET) - UPGRADE INTERSECTION Draft STIP Schedule as of Jan 2019 - R/W & Utilities: FY 2025; Construction to Begin: FY 2027 Estimated Project Cost: \$7,900,000</p> |
| <p>I-6011 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> |