

---

*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**

**November 6, 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:** July 3, 2019 (*attached*)
5. **Public Comment**
6. **Vacancies and appointments** (roster *attached*)

**II. PRESENTATIONS**

7. **STIP 5.0 Update** – Caitlin Marks

**III. REGULAR BUSINESS**

8. **DRAFT FY 2020-2021 PWP** – The draft Planning Work Program (PWP) for the upcoming fiscal year is due to NCDOT by February 28. *Staff requests a motion to recommend approval of the attached draft FY 2019-2020 PWP for submittal to NCDOT for their approval.*
9. **P6.0 Carryover Project Modifications/Deletions** - The deadline for project modifications and deletions is December 20. *Staff requests a motion to recommend approval of the attached modifications and deletions.*
10. **P6.0 New Project Solicitation** – The deadline for entering new projects into the P6.0 database is April 30th. The preliminary P6.0 new project submittal list will be presented to the RTAC at their February 14<sup>th</sup> meeting (tentative). New project ideas must be submitted to the CFRPO by January 15<sup>th</sup> to be included on the preliminary project list. *No action required.*

11. **2020 CFRPO Meeting Schedule** – *Staff requests a motion to recommend approval of the attached 2020 meeting schedule.*
12. **Monarch FY 2021 FTA Section 5310 Grant Funds Resolution** – Monarch has requested a resolution in support for their application for FTA 5310 grant funds. *Staff requests a motion to recommend approval of the attached resolution.*
13. **PAS-TRAN FY 2021 FTA Section 5310 Grant Funds Resolution** – PAS-TRAN has requested a resolution in support for their application for FTA 5310 grant funds. *Staff requests a motion to recommend approval of the attached resolution.*
14. **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
    - NC 211/East Coast Greenway Feasibility Study
    - 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

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

16. **Adjourn**

# Cape Fear RPO

Brunswick County ❖ Columbus County  
Pender County

## Rural Transportation Coordinating Committee July 3rd, 2019 Meeting Minutes \*\*DRAFT\*\*

### Voting Members Present

Helen Bunch, Brunswick County  
Mike Dickson, Surf City  
Gordon Hargrove, Lake Waccamaw  
Joy Jacobs, Columbus County  
Robert Lewis, Whiteville  
Jim Longenbach, Pender Transportation  
Abby Lorenzo, WMPO  
Thomas Lloyd, Southport

Caitlin Marks, NCDOT Division 3  
Jeff Repp, Boiling Spring Lakes  
Michael Rose, Topsail Beach  
Nazia Sarder, NCDOT TPD  
Allen Serkin, Cape Fear RPO  
Chad Staradumsky, Burgaw  
Darius Sturdivant, NCDOT Division 6  
Jake Vares, Oak Island

### Others Present

Malcolm Charles, MOTSU  
Adrienne Cox, SEPI  
Fred Fontana, AARP  
Pat Garrell, Chadbourn

Sean Martin, Whiteville  
Donna Strickland, Northwest  
Rachel Keith, Cape Fear COG

1. **Introduction and quorum** – Having reached a quorum, Mr. Serkin called the meeting to order at 10:01 AM. The attendees introduced themselves.
2. **Changes or additions to the agenda** – Mr. Serkin requested an additional item regarding the resolution endorsing the Town of Lake Waccamaw's application for a NCDOT bicycle and pedestrian planning grant be added between the agenda items for NC Ferry Tug Naming Resolution and Reports/Updates. *Mr. Repp made a motion to approve the agenda as amended. Mr. Rose seconded the motion. The motion carried.*
3. **Approval of the minutes** – There was one change to the minutes. Caitlin Marks' name was previously misspelled; it has since been corrected. *Ms. Bunch made a motion to approve the minutes. Mr. Staradumsky seconded the motion. The motion carried.*
4. **Public Comment** – There was no comment from the public.
5. **Presentation: Brunswick County Community Connectivity Plan** – Ms. Bunch provided a presentation discussing the survey results of Brunswick County's Community Connectivity Plan (CCP). There were only 103 respondents, which led Ms. Bunch to question the survey's validity. Mr. Serkin advised Ms. Bunch to review the survey questions to see whether any could be used in Brunswick County's upcoming Comprehensive Transportation Plan Survey.

6. **FY 2019-2020 PWP Amendment** – Mr. Serkin explained the reasoning for the amended PWP budget – an additional \$3,000 for NCDOT auto-generated computer charges. Mr. Serkin reiterated this does not reduce the overall funding amount but represents a line item change. *Ms. Lorenzo made a motion to recommend the approval of the attached FY 2019-2020 PWP Amendment. Ms. Bunch seconded the motion. The motion carried.*
7. **NC 211/East Coast Greenway Feasibility Study Steering Committee** – Mr. Serkin presented recommendations for the composition of the formal steering committee. *Mr. Lloyd made a motion to recommend its establishment and for the CFRPO to determine its composition. Ms. Lorenzo seconded the motion. The motion carried.*
8. **P6.0 Preliminary Carryover Project Modifications/Deletions** – Mr. Serkin reviewed the projects that carryover automatically for P6.0 and highlighted three additional projects the CFRPO is proposing NCDOT carryover. Mr. Serkin stated he hoped to have an update on the status of these three pending modification projects by next meeting. *Ms. Bunch made a motion to recommend approval of the proposed carryover projects. Mr. Rose seconded the motion. The motion carried.*
9. **P6.0 New Project Solicitation** – Mr. Serkin explained there is no action required for this item. He reiterated the deadline for having new projects approved is August 21<sup>st</sup>, 2019. He advised the Committee that if they are engaging the public in their projects, that this be completed before this deadline. Mr. Serkin asked if there were any additional questions about the CFRPO submittal process.
10. **NC Ferry Tug Naming Resolution** – Mr. Serkin reviewed the resolution supporting the naming of NC Ferry Division Tugs. *Mr. Repp made a motion to recommend approval of the naming resolution. Ms. Marks seconded the motion. The motion carried.*
11. **Lake Waccamaw NCDOT Bicycle and Pedestrian Grant Resolution** – Mr. Serkin presented the resolution endorsing the Town of Lake Waccamaw's application for a NCDOT bicycle and pedestrian planning grant. The grant would likely finish the bicycle and pedestrian loop around Lake Waccamaw. *Mr. Hargrove made a motion to recommend approval of the resolution. Mr. Lloyd seconded the motion. The motion carried.*
12. **Reports/Updates** – Mr. Serkin provided an update on Prioritization 6.0, highlighting the carryover projects and noting the ability to flex points between project tiers – up to 500 points. Mr. Serkin also relayed that modernization (improving standards) is an additional highway scoring criterion, which allows more projects to qualify. Mr. Rose asked if bicycle lanes could be considered in this modernization criterion. Mr. Serkin responded that it could be considered an incidental if the project qualifies for modernization. Mr. Serkin switched to reviewing the Board of Transportation's approved scoring criteria, weights, and normalization for all transportation modes. He encouraged the Committee to look over these documents when assessing whether a project qualifies for prioritization.

Mr. Sturdivant provided an update for Division 6. Ms. Marks gave an update for Division 3. Ms. Marks said NCDOT is in the process of balancing their budget. There will be some

delays with STIP amounts because NCDOT has yet to be reimbursed for hurricane damages. She will have an update on these amounts at the next meeting. Ms. Sarder gave an update for the Transportation Planning Division, noting that her unit continues to experience staffing shortages; however, the Columbus County CTP has been sent to Mr. Serkin for review. Mr. Serkin asked if there was a timeline for the Brunswick County CTP schedule. Ms. Sarder replied there was not, but she could get a timeline for the Model. Ms. Sarder also said she would have an update on Strategic Transportation Corridor Master Plans from Natasha Earle-Young. Mr. Rose presented on the status of the Topsail Beach Non-motorized Transportation Plan. Ms. Lorenzo gave an update for the WMPO. The WMPO is in the process of reviewing carryover projects, and they should have a recommended list this fall. They are working on their long-range plans and hope to show them to the public in early 2020. There were no updates from the Grand Strand MPO.

13. **Adjournment** – There being no further discussion, the meeting was adjourned at 10:51 AM.

*Minutes prepared by Rachel Keith on July 3rd, 2019*

**CAPE FEAR RPO**  
**RURAL TRANSPORTATION COORDINATING COMMITTEE (RTCC)**  
VOTING MEMBERS, October 2019

SEAT (TERM)	NAME (ALTERNATE)	POSITION	MAILING ADDRESS	TELEPHONE	EMAIL
Brunswick County (alt.)	Helen Bunch (Marc Pagès)	Zoning Admin. (Land Planner)	PO Box 249 Bolivia, NC 28422	910-253-2035 910-253-2056	<a href="mailto:hbunch@brunscos.net">hbunch@brunscos.net</a> <a href="mailto:mpages@brunscos.net">mpages@brunscos.net</a>
Brunswick Municipal 1 (2018-19)	Thomas Lloyd	Southport Planner	1029 N. Howe Street Southport, NC 28461	910-457-7961	<a href="mailto:thomas_lloyd@southportnc.org">thomas_lloyd@southportnc.org</a>
Brunswick Municipal 2 (2019-20)	Jeff Repp	Boiling Spring Lakes City Manager	9 East Boiling Spring Rd Southport, NC 28461	910-363-0025	<a href="mailto:jrepp@cityofbsl.org">jrepp@cityofbsl.org</a>
Brunswick Municipal Alt. 1 (2018-19)	Jake Vares	Oak Island Planner	4601 E. Oak Island Drive Oak Island, NC 28465	910-201-8054	<a href="mailto:planner@ci.oak-island.nc.us">planner@ci.oak-island.nc.us</a>
Brunswick Municipal Alt. 2 (2019-20)	VACANT	St. James Town Administrator	4140-A Southport-Supply Rd St. James, NC 28467	910-253-4730	
Columbus County	Samantha Alsup	Planning Director	306 Jefferson St Whiteville, NC 28472	910-640-1795	<a href="mailto:salsup@columbusco.org">salsup@columbusco.org</a>
Columbus Municipal 1 (2018-19)	Robert Lewis	Whiteville Planning Director	26 Hill Plaza Whiteville, NC 28472	910-640-1380	<a href="mailto:rlewis@ci.whiteville.nc.us">rlewis@ci.whiteville.nc.us</a>
Columbus Municipal 2 (2019-20)	Gordon Hargrove	Lake Waccamaw Town Manager	205 Flemington Dr. Lake Waccamaw, NC 28450	910-646-3700	<a href="mailto:lwtownmanager@embarqmail.com">lwtownmanager@embarqmail.com</a>
Columbus Municipal Alt. (2019-20)	VACANT	Chadbourn	602 N Brown Street Chadbourn, NC 28431	910-654-4118	
Pender County (alt.)	Sam Shore (Kyle Breuer)	Long Range Planner (Planning Director)	PO Box 5 Burgaw, NC 28425	910-259-2110	<a href="mailto:sshore@pendercountync.gov">sshore@pendercountync.gov</a> <a href="mailto:kbreuer@pendercountync.gov">kbreuer@pendercountync.gov</a>
Pender Municipal 1 (2018-19)	Michael Rose	Topsail Beach Town Manager	820 S Anderson Blvd Topsail Beach, NC 28445	910-328-5841	<a href="mailto:townmanager@topsailbeach.org">townmanager@topsailbeach.org</a>
Pender Municipal 2 (2019-20)	VACANT	Town of Burgaw	109 N Walker Street Burgaw, NC 28425	910-663-3452	
Pender Municipal Alt. (2019-20)	VACANT	Town of Surf City	PO Box 2475 Surf City, NC 28445	910-328-4131	
Cape Fear RPO	Patrick Flanagan (Wes MacLeod)	RPO Director (Planning Director)	1480 Harbour Dr Wilmington, NC 28401	910-395-4553	<a href="mailto:plfanagan@capefearecog.org">plfanagan@capefearecog.org</a> <a href="mailto:wmacleod@capefearecog.org">wmacleod@capefearecog.org</a>
Cape Fear COG	Allen Serkin (Wes MacLeod)	Exec. Director (Planning Director)	1480 Harbour Dr Wilmington, NC 28401	910-395-4553	<a href="mailto:aserkin@capefearecog.org">aserkin@capefearecog.org</a> <a href="mailto:wmacleod@capefearecog.org">wmacleod@capefearecog.org</a>
NCDOT Division 3	Caitlin Marks (Chad Kimes)	Div. Plan. Engineer (Div. Engineer)	5501 Barbados Blvd Castle Hayne, NC 28429	910-341-2000	<a href="mailto:cmmarks@ncdot.gov">cmmarks@ncdot.gov</a> <a href="mailto:ckimes@ncdot.gov">ckimes@ncdot.gov</a>
NCDOT Division 6	Darius Sturdivant (Greg Burns)	Div. Plan. Engineer (Div. Engineer)	558 Gillespie St Fayetteville, NC 28301	910-364-0600	<a href="mailto:ddsturdivant@ncdot.gov">ddsturdivant@ncdot.gov</a> <a href="mailto:gburns@ncdot.gov">gburns@ncdot.gov</a>

SEAT (TERM)	NAME (ALTERNATE)	POSITION	MAILING ADDRESS	TELEPHONE	EMAIL
NCDOT Transp. Planning	Nazia Sarder (Behshad Norowzi)	RPO Coordinator (Planning Team Super.)	1554 Mail Service Center Raleigh, NC 27699-1554	919-707-0924 919-707-0941	<a href="mailto:nsarder@ncdot.gov">nsarder@ncdot.gov</a> <a href="mailto:bnorowzi@ncdot.gov">bnorowzi@ncdot.gov</a>
Brunswick Transit	Yvonne Hatcher	Exec. Director	PO Box 113 Leland, NC 28451	910-253-7800	<a href="mailto:yhatcher@brunswicktransit.org">yhatcher@brunswicktransit.org</a>
Columbus Transportation	Joy Jacobs	Director	290 Legion Dr Whiteville, NC 28472	910-641-3929	<a href="mailto:joy.jacobs@columbusco.org">joy.jacobs@columbusco.org</a>
Pender Transportation	Jim Longenbach	Transportation Director	P. O. Box 1251 Burgaw, NC 28425	910-259-9119 x 321	<a href="mailto:jlongenbach@penderpas.com">jlongenbach@penderpas.com</a>
MOTSU (alt.)	Steve Kerr (Malcolm Charles)	Deputy Commander (Installation Manager)	6280 Sunny Point Rd SE Southport, NC 28461	910-457-8000	<a href="mailto:steven.w.kerr.civ@mail.mil">steven.w.kerr.civ@mail.mil</a> <a href="mailto:malcolm.e.charles.civ@mail.mil">malcolm.e.charles.civ@mail.mil</a>
NC State Ports Authority	Stephanie Ayers	Director of Planning & Dev.	2202 Burnett Blvd Wilmington, NC 28402	910-251-7073	<a href="mailto:Stephanie_ayers@ncports.com">Stephanie_ayers@ncports.com</a>
Wilmington MPO (alt.)	Abby Lorenzo (Mike Kozlosky)	Sr. Transp. Planner (MPO Director)	PO Box 1810 Wilmington, NC 28402	910-341-7890	<a href="mailto:Abigail.Lorenzo@wilmingtonnc.gov">Abigail.Lorenzo@wilmingtonnc.gov</a>
GSATS MPO (alt.)	Mark Hoeweler (Dan Newquist)	Exec. Director (Transp. Manager)	1230 Highmarket Street Georgetown, SC 29440	843-436-6130	<a href="mailto:mhoeweler@wrcog.org">mhoeweler@wrcog.org</a> <a href="mailto:dnewquist@wrcog.org">dnewquist@wrcog.org</a>

FY 2020-2021  
PLANNING WORK PROGRAM  
ANNUAL PROPOSED FUNDING SOURCES TABLE  
Cape Fear RPO

TASK CODE	WORK CATEGORY	RPO PROGRAM FUNDS		
		LOCAL	STATE	TOTAL
		20%	80%	
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	\$ 800	\$ 3,200	\$ 4,000
II-3.1	STIP Participation			
II-3.2	Merger / Project Development			
II-4	GENERAL TRANSPORTATION PLANNING	\$ 25,000	\$ 100,000	\$ 125,000
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	\$ 840	\$ 3,360	\$ 4,200
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		\$ 46,594	\$ 186,375	\$ 232,969

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

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

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

**FY 2020-2021  
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**

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 \$ 4,000.00**

**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 \$ 125,000.00**

**II-4.1 Regional and Statewide Planning**

Participate in a regional and statewide planning activities, including Wilmington MPO TCC and MTP, GSATS TCC and MTP, 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, NCPTA conference, NCDOT PTD training conference, NC Transportation Summit, NC Rail Forum, 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 RTCC/RTAC membership lists; develop, create, maintain and update rosters 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, NCPTA conference, NC Transportation Summit, 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>\$ 4,200.00</b>
<b>IV-6.1 Mileage Reimbursement</b>	
Mileage reimbursement	
<b>IV-6.2 Car Rental Costs</b>	
Car rental costs	
<b>IV-6.3 Other Travel Expenses</b>	
Parking costs and other transportation expenses	

## V. INDIRECT COSTS

<b>V-1 INDIRECT COSTS APPROVED BY COGNIZANT AGENCY FY 18-19</b>		<b>\$ 30,169.00</b>
<b>V-1.1 Incurred Indirect Costs</b>		
Indirect costs per NCDOT-approved indirect cost allocation plan		
<b>TOTAL</b>		<b>\$ 232,969.00</b>

## MEMORANDUM

DATE: October 29, 2019  
TO: RTCC/RTAC  
FROM: Patrick Flanagan  
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	Authorize staff to modify termini per collaboration with Division 6
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 RPO**  
**Brunswick County • Columbus County**  
**Pender County**

## MEMORANDUM

DATE: October 28, 2019  
TO: Cape Fear RPO RTCC  
FROM: Patrick Flanagan  
RE: Adopted 2020 Meeting Calendar

---

RTCC	RTAC	Deadlines/Important Dates
Wed 2/5/20	Fri 2/21/20	Draft FY 20-21 PWP 2/28; P6.0 Preliminary New Project submissions; New Appointments/Elections
Wed 4/1/20	Fri 4/10/20	Final FY 20-21 PWP 5/31; RTAC Ethics Paperwork due 4/15; P6.0 Project new project submittals; P6.0 Area-Specific Weights
Wed 6/3/20	Fri 6/12/20	Bike/Ped Planning Grant Letters of Support; Final FY 19-20 PWP amendment 6/29
Wed 09/2/20	Fri 09/11/20	5310 Letter of Support; P6.0 Update Prioritization Methodology
Wed 11/4/20	Fri 11/13/20	Draft FY 21-22 PWP 2/28; Expiring Positions/New Appointments

RTCC (staff) typically meets at 10 AM at the Brunswick Community College – Leland Center

RTAC (elected officials) typically meets at 9 AM at the Cape Fear Council of Governments

**CAPE FEAR RURAL TRANSPORTATION PLANNING ORGANIZATION**

**RESOLUTION SUPPORTING MONARCH'S APPLICATION FOR  
FY 2021 FTA SECTION 5310 GRANT FUNDS**

**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 Federal Transit Administration's Enhanced Transportation for Elderly and Disabled (5310) program aims to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation options; and

**WHEREAS**, the 5310 program provides funding to states for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs; and

**WHEREAS**, Monarch is a 501(c)(3) organization that provides services for people with intellectual and developmental disabilities, mental illness and substance use disorders; and

**WHEREAS**, Monarch provides Behavioral Health Services (outpatient therapy and psychiatric services for children and adults, 24/7 mobile crisis service, and peer support) and Supported Employment Service to qualifying individuals in Columbus County and operates Columbus Industries, a day activity program for adults with intellectual and developmental disabilities; and

**WHEREAS**, Monarch provides transportation to qualifying participants and utilizes 5310 program funds to contract for transportation services with Columbus County Transportation; and

**WHEREAS**, Monarch is applying a \$147,275 FY 2021 5310 grant, comprised of \$134,348 in FTA funds together their 10% match of \$14,297, to continue providing transportation to individuals in Columbus County with intellectual and developmental disabilities, mental illness, and substance abuse disorders.

**NOW THEREFORE, BE IT RESOLVED**, that the Rural Transportation Advisory Committee of the Cape Fear Rural Transportation Planning Organization hereby supports Monarch's FY 2021 5310 grant application.

**ADOPTED** at a regular meeting this 22<sup>nd</sup> day of November 2019.

BY:

ATTEST:

---

Frank Williams, Chair

---

Allen Serkin, Secretary

**CAPE FEAR RURAL TRANSPORTATION PLANNING ORGANIZATION**

**RESOLUTION SUPPORTING PENDER ADULT SERVICES' APPLICATION FOR  
FY 2021 FTA SECTION 5310 GRANT FUNDS**

**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 Federal Transit Administration's Enhanced Transportation for Elderly and Disabled (5310) program aims to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation options; and

**WHEREAS**, the 5310 program provides funding to states for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs; and

**WHEREAS**, Pender Adult Services, Inc., a 501(c)(3) organization that serves Pender County, North Carolina; and

**WHEREAS**, PAS-TRAN is the public transportation division of Pender Adult Services and is a single-county community transportation system that provides transportation to the general public, as well as to eligible human service agency and elderly clients; and

**WHEREAS**, Pender Adult Services is applying a FY 2021 5310 grant to continue providing transportation to elderly and disabled individuals in Pender County via PAS-TRAN.

**NOW THEREFORE, BE IT RESOLVED**, that the Rural Transportation Advisory Committee of the Cape Fear Rural Transportation Planning Organization hereby supports Pender Adult Services' FY 2021 5310 grant application.

**ADOPTED** at a regular meeting this 22<sup>nd</sup> day of November 2019.

BY:

ATTEST:

---

Frank Williams, Chair

---

Allen Serkin, Secretary



## MEMORANDUM

DATE: October 29, 2019  
TO: RTCC/RTAC  
FROM: Patrick Flanagan  
RE: Prioritization 6.0 update

---

**SCHEDULE: Here are the key dates and deadlines for Prioritization 6.0:**

**October 2019:**

- October 7th – SPOT Online opens for project entry
- October 25th – Carryover deletions / modifications due

**December 2019:**

- December 20th
  1. Final Submissions due in SPOT Online (system closes)
  2. Highway Mobility Area-Specific Weights are due
  3. Highway Modernization Area-Specific Weights are due

**Late July 2020:**

- Quantitative scores released with draft Statewide programming results

**July 31st 2020:**

- Local Input Point Methodology must be approved

**Aug 3rd to Oct 30th 2020:**

- Regional Impact Local Input window

**Nov 30th 2020 to Jan 29th 2021:**

- Division Needs Local Input window

**April 2021:**

- Draft 2022-2031 STIP Released

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* W-5803DIV BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON <b>PROJ.CATEGORY</b> DIVISION	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.	RIGHT-OF-WAY	FY 2020 -	\$30,000	(HSIP)
				FY 2021 -	\$30,000	(HSIP)
	- JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</b></u>		FY 2022 -	\$30,000	(HSIP)
	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION		CONSTRUCTION	FY 2020 -	\$180,000	(HSIP)
				FY 2021 -	\$180,000	(HSIP)
	- DOWN EAST RURAL PLANNING ORGANIZATION			FY 2022 -	\$180,000	(HSIP)
	- MID-CAROLINA RURAL PLANNING ORGANIZATION				\$630,000	
	- EASTERN CAROLINA RURAL PLANNING ORGANIZATION					
	- CAPE FEAR RURAL PLANNING ORGANIZATION					

\* INDICATES FEDERAL AMENDMENT

Thursday, September 5, 2019

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* W-5803REG	- GRAND STRAND METROPOLITAN	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2020 -	\$30,000	(HSIP)
BRUNSWICK	PLANNING ORGANIZATION	LOCATIONS IN DIVISION 3.		FY 2021 -	\$30,000	(HSIP)
DUPLIN	- JACKSONVILLE URBAN AREA	<b><u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u></b>		FY 2022 -	\$30,000	(HSIP)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	<b><u>PREVIOUSLY PROGRAMMED.</u></b>	CONSTRUCTION	FY 2020 -	\$180,000	(HSIP)
ONSLOW	- WILMINGTON URBAN AREA			FY 2021 -	\$180,000	(HSIP)
PENDER	METROPOLITAN PLANNING ORGANIZATION			FY 2022 -	\$180,000	(HSIP)
SAMPSON	- DOWN EAST RURAL PLANNING				\$630,000	
<b>PROJ.CATEGORY</b>	ORGANIZATION					
REGIONAL	- MID-CAROLINA RURAL PLANNING					
	ORGANIZATION					
	- EASTERN CAROLINA RURAL PLANNING					
	ORGANIZATION					
	- CAPE FEAR RURAL PLANNING					
	ORGANIZATION					

\* INDICATES FEDERAL AMENDMENT

Thursday, September 5, 2019

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* W-5803SW BRUNSWICK DUPLIN NEW HANOVER ONslow PENDER SAMPSON <b>PROJ.CATEGORY</b> STATEWIDE	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION - JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION - WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - DOWN EAST RURAL PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION - EASTERN CAROLINA RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3. <b><u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</u></b>	RIGHT-OF-WAY    CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2020 - FY 2021 - FY 2022 -	\$40,000 \$40,000 \$40,000 \$240,000 \$240,000 \$240,000 \$840,000	(HSIP) (HSIP) (HSIP) (HSIP) (HSIP) (HSIP)
* W-5806DIV BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> DIVISION	- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION - LUMBER RIVER RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 6. <b><u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</u></b>	RIGHT-OF-WAY   CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2020 - FY 2021 - FY 2022 -	\$30,000 \$30,000 \$30,000 \$180,000 \$180,000 \$180,000 \$630,000	(HSIP) (HSIP) (HSIP) (HSIP) (HSIP) (HSIP)

\* INDICATES FEDERAL AMENDMENT

Thursday, September 5, 2019

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* W-5806REG BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> REGIONAL	- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION - LUMBER RIVER RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 6. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</b></u>	RIGHT-OF-WAY       CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2020 - FY 2021 - FY 2022 -	\$30,000 (HSIP) \$30,000 (HSIP) \$30,000 (HSIP) \$180,000 (HSIP) \$180,000 (HSIP) \$180,000 (HSIP)	
					\$630,000	
* W-5806SW BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> STATEWIDE	- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION - LUMBER RIVER RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 6. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</b></u>	RIGHT-OF-WAY       CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2020 - FY 2021 - FY 2022 -	\$40,000 (HSIP) \$40,000 (HSIP) \$40,000 (HSIP) \$240,000 (HSIP) \$240,000 (HSIP) \$240,000 (HSIP)	
					\$840,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* Y-5803 BRUNSWICK DUPLIN NEW HANOVER ONslow PENDER SAMPSON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION</li> <li>- JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- DOWN EAST RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- EASTERN CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES IN DIVISION 3.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>
* Y-5806 BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- LUMBER RIVER RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES IN DIVISION 6.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>

\* INDICATES FEDERAL AMENDMENT

Thursday, November 7, 2019

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

* Z-5803 BRUNSWICK DUPLIN NEW HANOVER ONslow PENDER SAMPSON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION</li> <li>- JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- DOWN EAST RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- EASTERN CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 3.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>
* Z-5806 BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- LUMBER RIVER RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 6.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>

\* INDICATES FEDERAL AMENDMENT

Thursday, November 7, 2019

Projects in Development									
Project Manager	TIP	PO	Description	County	ROW_ ROW	Delay (Years) From Draft	LET_ LET	Delay (Years) from Draft CON	SAP Let Date Comment*
Derek Pielech	17BP.3.C.3	CFRPO	Replace Culvert on NC 133 with a bridge	Brunswick	TBD		2020		8/1/2019 Originally intended to be a culvert but after discoveries with geotechnical reports, a bridge will be a better fit
Eric Murray	W-5703Q	CFRPO	NC 130 at Longwood Rd and Waccamaw School Rd (Previously	Brunswick	IP		2020		1/21/2020 *Previously SS-4903CE
Derek Pielech	B-4439	CFRPO	Replace Bridge 100 on Makatoka Rd over Muddy Branch	Brunswick	IP		2020		4/16/2020
Mike Bass	R-5701	CFRPO	Burgaw Intersection Improvement	Pender	2020	1	2020	0	6/30/2020
Trace Howell	R-3300B	WMPO/CFRPO	Hampstead Bypass	Pender	IP		2021		9/15/2020
Derek Pielech	17BP.3.R.62	CFRPO	Replace Bridge 23 on NC 906/Midway Rd over Brunswick River Swamp	Brunswick	TBD		2021		11/19/2020
Mike Bass	R-5021	CFRPO	NC 211 From Midway Rd to NC 87 : widen to a 4-lane divided facility	Brunswick	IP	0	2022	3	1/18/2022 PE, Utility Design, and Appraisals Resuming; ROW Acquisition beginning April 2020
Eric Murray	R-5850	CFRPO	Widen NC 53 to 3 lanes from US 117 Bypass to Stag Park Rd	Pender	2023		2025		5/2/2025
Trace Howell	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project	Pender	IP		2027	4	9/15/2026
Brian Harding	U-5932	CFRPO/GSATS	US 17 at NC 211 Interchange	Brunswick	2022	2	2027	2	6/15/2027
Mike Bass	R-5877	CFRPO	US 17 at NC 210 (Surf City) Green-T	Pender	2025		2027		6/17/2027
Mike Bass	R-5899	CFRPO	Roundabout at NC 210 and Watts Landing Road (Surf City)	Pender	2026		2028		6/15/2028 Project currently on hold
Mike Bass	R-5900	CFRPO	NC 210/NC 50 and Belt Rd RAB (Surf City)	Pender	2026		2028		6/20/2028 Project currently on hold
Mike Bass	R-5947	CFRPO	Widen NC 211 to 4 lanes from SR 1112 (Sunset Harbor Rd) to NC 906 (Midway Rd)	Brunswick	2027		2029		6/19/2029 Project currently on hold

Project is on hold	
Exception Granted	

Date Completed: 10/29/2019  
PO: CFRPO  
Contact: Caitlin Marks 910-341-2000  
cmmarks@ncdot.gov



Projects Under Construction

Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
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	91.19%
C204185	Wayne Currie	HVBP	Brunswick	Old Oak Island Bridge (#14, NC 133 Country Club Dr) girder repair	Dec-19	97.81%
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	8.70%

Resurfacing

Contract Number	Contract Year	County	Resident	TIP	MPO/RPO	Map	Routes	Estimated Completion	Percent Complete
C204094	2018	Brunswick	Alex Stewart	W-5203Y	GSATS/WMPO/CFRPO	0	US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.	Jul-20	97.63%
C204094	2018	Brunswick	Alex Stewart	W-5203Y	CFRPO/GSATS	1	NC 130 (Whiteville Rd) from US 17 Bus to SR 1335		
C204094	2018	Brunswick	Alex Stewart	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	Alex Stewart	W-5203Y	CFRPO/GSATS	14	SR 1316 (Old Shallotte Rd) from NC 904 to US 17		
C204094	2018	Brunswick	Alex Stewart	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	Alex Stewart	W-5203Y	CFRPO/GSATS	21	SR 1315 (Russtown Rd) from SR 1313 to NC 904		

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

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

#### **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

Original Completion Date: 11-15-2018 Revised Completion Date: 12-15-2018

Construction Progress: 88.3%

Contractor: Smith-Rowe

Contract Amount: \$5,491,634

Columbus Project Cost: \$1,250,000

**COLUMBUS CO BRIDGE #68 IS COMPLETE**

#### **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

Construction Progress: 56.6%

Contractor: BMCO Construction INC

Contract Amount: \$9,398,677

#### **C204133 (W-5601EV)**

US 74 IMPROVEMENTS - CONSTRUCT DIRECTIONAL CROSSEOVERS ON US 74 FROM SR 1824 WATER TANK RD TO JUST EAST OF THE BRUNSWICK COUNTY LINE IN COLUMBUS COUNTY. PROJECT INCLUDES INTERSECTION IMPROVEMENTS AND INSTALLING A TRAFFIC SIGNAL AT US 74/US 76 AT NC 87

R/W Date: 6-30-2017

Let Date: 8-21-2018

Work Began: 1-9-2019

Estimated Completion Date: 12-2020

Construction Progress: 29.94%

Contractor: Highland Paving Co LLC

Contract Amount: \$9,024,132

#### **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

Construction Progress: 100%

Contractor: Civil Works Contracting LLC

Contract Amount: \$1,754,870

**PROJECT COMPLETE**

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

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

#### DF00203

RESURFACING, MILLING, WIDENING AND PAVEMENT MARKINGS ON SR 1352 (CHERRY STREET), SR 1403 (RAILROAD STREET), SR 1407 (CHURCH STREET), SR 1347 (FRONIS STRICKLAND ROAD AND NC 130 AND NC 905 IN COLUMBUS COUNTY - 23.87 miles

Let Date: 3-7-2018

Work Began: 7-24-2019

Estimated Completion Date: 8-30-2019

Construction Progress: 78.51%

Contractor: Barnhill Contracting Co

Contract Amount: \$3,469,047

#### 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

Estimated Completion Date: 8-30-2019

Revised Completion Date: 9-16-2019

Construction Progress: 100%

Contractor: Barnhill

Contract Amount: \$4,380,068

**PROJECT COMPLETE**

#### DF00229 (W-5706P)

INSTALL THERMOPLASTIC PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES IN BLADEN, COLUMBUS, CUMBERLAND AND HARNETT COUNTIES - 213.519 miles. COLUMBUS COUNTY LOCATIONS: SR 1001 (HALLSBORO ROAD), SR 1003 (SILVER SPOON ROAD), SR 1005 (PEACOCK ROAD), SR 1006 (ET RICHARDSON ROAD), SR 1006 (MM RAY ROAD), SR 1108 (RAMSEY FORD ROAD), SR 1125 (COX TOWN ROAD), SR 1154 (MINOS MEARES ROAD), SR 1157 (GORES TRAILER ROAD), SR 1159 (OLD TRAM ROAD), SR 1162 (ANTIOCH CHURCH ROAD), SR 1317 (CLARENDON CHADBOURN ROAD), SR 1428 (THOMPSON TOWN ROAD), SR 1436 (GEORGIA PACIFIC ROAD), SR 1459 (MIDWAY ROAD), SR 1534 (RED STORE ROAD), SR 1550 (CAMP GROUND ROAD), SR 1740 (OLD LAKE ROAD), SR 1972 (SOLES ROAD)

Let Date: 8-15-2018

Estimated Completion Date: 8-30-2019

Construction Progress: 88.3%

Contractor: Performance Sealing & Striping INC

Contract Amount: \$1,466,415

#### DF00236 (B-6039)

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

Let Date: 10-17-2018

Original Completion Date: 11-25-2019

Revised Completion Date: 12-25-2019

Scheduled Progress: 100%

Actual Progress: 93.03%

Contractor: The Tara Group of Lumberton INC

Contract Amount: \$609,374

**ROAD IS OPEN TO TRAFFIC**

#### 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

Original Completion Date: 10-13-2020

Revised Completion Date: 11-9-2020

Scheduled Progress: 24%

Construction Progress: 52.98%

Contractor: The Tara Group of Lumberton INC

Contract Amount: \$2,721,617

**SIGNED DETOUR ROUTE IS IN PLACE. RED HILL ROAD WILL REMAIN CLOSED DURING CONSTRUCTION**

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

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

**DF00233**

RESURFACING, MILLING, PAVEMENT INTERLAYER, WIDENING, PAVEMENT MARKINGS ON US 701 BYPASS AND VARIOUS SECONDARY ROUTES (31.4 miles)

Let Date: 10-17-2018

Availability Date: 11-19-2018

Estimated Project Completion Date: 10-30-2020

Construction Progress: 0%

Contractor: Barnhill Contracting Company

Contract Amount: \$4,448,417

**W-5706S**

IMPROVEMENTS ON US 74/US 76 CONSTRUCT REDUCED CONFLICT INTERSECTIONS FROM SR 1836 (BYRDVILLE FREEMAN ROAD) TO EAST OF SR 1845 (MONEY HOLE ROAD)

RW Date: March 2020

Construction to Begin: May 2021

Project Cost: \$3,064,000

PUBLIC MEETING HELD 10/22/2019

**R-2561C**

WIDEN NC 87 TO MULTILANES FROM NC 11 TO US 74/76

R/W & Utilities: FY 2029

Construction: UNFUNDED

Project Cost: \$105,408,000

**R-2561CA**

NC 87 AT NC 11 CONVERT AT-GRADE INTERSECTION TO INTERCHANGE

R/W & Utilities: FY 2020

Construction to Begin: FY 2021

Project Cost: \$23,900,000

**R-5013**

INTERSECTION IMPROVEMENTS AT US 701 AND NC 410 (JOE BROWN HIGHWAY)

Construction to Begin: FY 2020

Project Cost: \$1,550,000

**R-5819 & R-5820**

UPGRADE AT GRADE INTERSECTIONS: US 74/76 AT SR 1740 (R-5819 OLD LAKE ROAD) CONSTRUCT GRADE SEPARATION.

US 74/76 AT SR 1735 (R-5820 CHAUNCEYTOWN ROAD) CONSTRUCT INTERCHANGE

R/W acquisition & Utilities: FY 2020

Construction to Begin: FY 2022

Project Cost (R-5819): \$10,735,000

Project Cost (R-5820): \$19,647,000

Combined Project Cost: \$30,382,000

**R-5020A & R-5020B**

R-5020A: US 701 BYPASS WIDEN TO MULTILANES FROM SOUTH OF SR 1166 (PLEASANT PLAINS ROAD) to SR 1437 (VIRGIL AVENUE) IN WHITEVILLE

Let Date: July 2020; Construction to Begin FY 2024

R-5020B: US 701 BYPASS WIDEN TO MULTILANES FROM SR 1437 (VIRGIL AVENUE) to US 74/US 76 INTERCHANGE IN WHITEVILLE

Let Date: July 2020; Construction to Begin FY 2021 "B" SEGMENT - BUILD NC BOND PROJECT

R-5020A Project Cost: \$44,950,000

R-5020B Project Cost: \$29,050,000

Combined Project Cost: \$74,000,000

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

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

**R-5797**

US 74 AT SR 1506 (OLD BOARDMAN ROAD/MACEDONIA CHURCH ROAD) UPGRADE AT-GRADE INTERSECTION TO INTERCHANGE

Let Date: May 2020

Construction to Begin: FY 2021

Project Cost: \$29,600,000

**R-5952**

US 701 BYPASS AT SR 1305 (COMPLEX STREET) - UPGRADE INTERSECTION

R/W & Utilities: FY 2025

Construction to Begin: FY 2027

Project Cost: \$7,900,000

**I-6011**

I-74, US 74, FROM NC 41 NEAR LUMBERTON TO US 76 NEAR CHADBOURN. UPGRADE US 74 TO INTERSTATE STANDARDS

R/W & Utilities: FY 2027

Construction: UNFUNDED

Project Cost: \$53,600,000



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

November 2019

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

TCC TPD UPDATES CAPE FEAR RPO  
November 2019

**New Business:**

**Columbus County CTP** – The CTP is under review by the Division Planning Engineer (DPE). The DPE plans on finalizing the comments by end of the week. After the comments have been incorporated into the CTP, the CTP will go into the 30-day public comment period before going into adoptions.

**Brunswick County Model:** Working on FY SE Data Analysis at the moment.

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

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

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

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

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

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

**Planning for Resiliency:** The Hydraulics Unit of NCDOT recently led a Kickoff meeting for the preparation of Flood Resilience Feasibility studies. These studies will show where roads in NC have previously flooded. A resiliency planning workgroup has formed that is made up of TPD planning staff, MPO staff, RPO staff, and other NCDOT staff to help with developing a data driven process to include resiliency in our infrastructure planning. The goal of these studies is to have a statewide map of frequently flooded roads in NC (all 700+ of them). For more information, as well as some useful videos, please visit: <https://toolkit.climate.gov/#steps>

**Traffic Forecast Updates:** in the Wilmington MPO Area, here are some TF updates:

1. **U-4738 Brunswick New\_Hanover Cape Fear Crossing** 40114.1.2; TIP: U-4738; Assigned to: HNTB; Due date/status: **Project paused**
2. **U-6128 New\_Hanover Wilmington US 76** 48351.1.1; TIP: U-6128; Assigned to: Michael Baker; Due date/status: **Project paused**
3. **R-5850 Pender NC 53 US 117 to Stag Park Rd** H150503 34263.1.1; TIP: U-5850; Assigned to: Arcadis; Due date/status: November 22, 2019

## **Old Business:**

### **North Carolina Zero Emission Vehicle Plan:**

On October 29, 2018, Governor Roy Cooper signed into law Executive Order No. 80. “North Carolina’s Commitment to Address Climate Change and Transition to a Clean Energy Economy.” It is a statewide initiative. In response to the executive order, NCDOT has started formulating additional strategies that seek to ensure it is better prepared to adapt to a changing environment. One of the strategies is to encourage more people to register and drive zero-emission vehicles. North Carolina Zero Emission Vehicle “ZEV” Plan is North Carolina’s plan to get 80,000 All-Electric or “Zero Emission Vehicles” on the road by 2025.

Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV: <https://nczevplan.metroquest.com/>

A draft action plan will be completed by June 2019. There will be a statewide public comment period on the draft action plan July to August 2019. The final action plan will be submitted to the governor in October 2019.

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

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

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



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

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

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

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

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

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

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

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

The engagement of the stakeholders and public is critical during this initial stage of the planning process. To capture thoughts and ideas about the state’s biggest challenges for the future, North Carolina residents are encouraged to provide input through our [survey](https://publicinput.com/ncmoves) 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.

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

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

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

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

**Safety Insights:** (Article from FHWA Human Environment Digest 6/13/19)

Study Reveals Bicycle Lanes Reduce Fatalities for All Road Users

The University of Colorado Denver conducted a 13-year longitudinal study (<https://www.sciencedaily.com/releases/2019/05/190529113036.htm>) that found bicycle infrastructure decreases fatalities for all road users. The study noted that bicycling infrastructure—specifically separated and protected bicycle lanes—leads to fewer fatalities and better road-safety outcomes for all road users. The study also reinforces the importance of building bicycle networks to increase safety

Study Analyzes Different Types of Bicycle Crashes at Local, State, and National Levels

Researchers at the University of North Carolina and Arizona State University published a joint paper that investigates the circumstances influencing both fatal and disabling bicycle crashes. The research found that the majority of bicycle crashes occur at intersections; however, data from North Carolina and Boulder, Colorado show that most fatal and disabling bicycle crashes occur at non-intersection locations, including crashes resulting from collisions with motorists. The report also provides insights for governments and other organizations to plan safer bicycle networks, and undertake other proactive measures to reduce crashes.