

NORTH CAROLINA

Department of Transportation



Brunswick County Comprehensive Transportation Plan Endorsement Presentation

Cape Fear Rural Planning Organization

February 2024

Purpose of Presentation


- Endorse the Brunswick County Comprehensive Transportation Plan (CTP)
- Multi-modal maps and recommendations
- Seeking Brunswick County Resolution for Endorsement

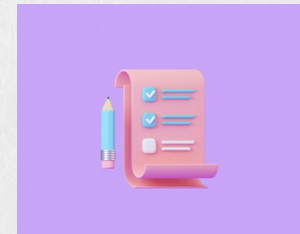
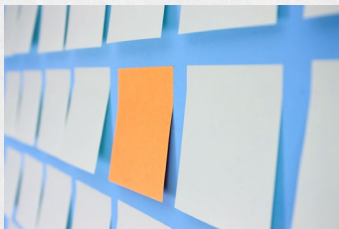


To Do List

 Resolution from Local Adoptions

 Cape Fear RPO Endorsement

 NCDOT Board of Transportation
Adoptions



What is a CTP? Benefits?

Comprehensive Transportation Plan

 Long-Range Planning


 Local Needs


 Multimodal Maps

 Not Fiscally Constrained


 Time-Frame

 Participation

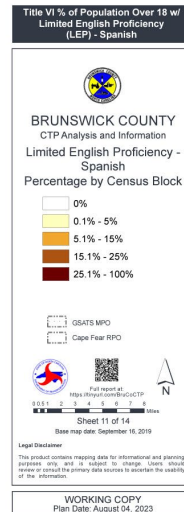
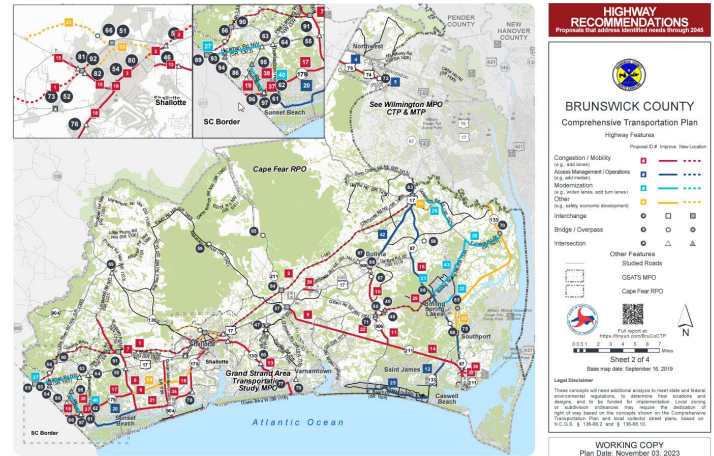
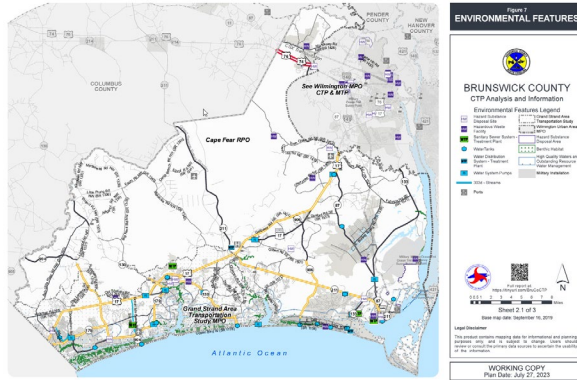
 Deficiencies and Improvements

 Facilitates Local Governments with Transportation Planning

 Recommendations are CONCEPTS

 Assist with submittals into prioritization for eventual funding

Data and Materials



BRUNSWICK COUNTY COMPREHENSIVE TRANSPORTATION PLAN

Chapter ONE

Introductions and Overview

The Comprehensive Transportation Plan (CTP) is North Carolina's multi-modal long range transportation plan. The CTP is mutually adopted and identifies transportation system needs, as well as solutions, to support anticipated growth and development over a 25-30 year timeframe.

PURPOSE AND OVERVIEW

This plan is developed by NCDOT, Brunswick County and municipalities, Cape Fear RPO, Grand Strand Area Transportation Study MPO and local planning partners with the support of the Brunswick County CTP Steering Committee.

The CTP supports the community's adopted vision and goals by integrating land use and transportation planning. This plan should be used by local officials to ensure that planned transportation facilities reflect the needs of the public, while minimizing the disruption to local residents, businesses and environmental resources. The CTP process is designed to provide useful information into the project development process.

When starting a CTP study, officials form a steering committee of individuals who represent the various stakeholders of the community. NCDOT and other local planning staff also participate. The committee develops the draft vision, goals, objectives, and performance measures. These are further refined with input from residents and then used to guide the development and evaluation of the CTP.

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BRUNSWICK COUNTY COMPREHENSIVE TRANSPORTATION PLAN

VISION

The CTP vision, goals, and objectives are developed based on a study of the public's perspective, and the community's needs to support anticipated growth and development over the 25-30 year timeframe.

For Brunswick County to have an integrated multi-modal transportation system that is safe, environmentally sensitive, aesthetically pleasing and user friendly. For the community to address local transportation needs while maintaining regional connectivity that makes access to the area and its attractions easy, and aids in economic growth. To improve access for emergency services, provide equitable opportunities to all socioeconomic groups, minimize congestion, and strengthen the community's well-being while maintaining and protecting the area's natural, cultural, and recreational resources over the next 25-30 years.

- Vision statement from the Brunswick County CTP Steering Committee

The Brunswick County Steering Committee brought local knowledge and perspective to develop the vision goals and objectives for the CTP. Those were then further refined with input from the CTP survey. The vision, goals and objectives are used to guide the development of the CTP Project Recommendations.

MARCH 2023

CTP Steering Committee

- ❖ NCDOT Division 3
- ❖ Wilmington MPO
- ❖ NCDOT Freight
- ❖ Cape Fear RPO
- ❖ Brunswick County Social Services
- ❖ Brunswick County Public Utilities
- ❖ Village of Bald Head Island
- ❖ NCDOT Ferry Division
- ❖ Town of Caswell Beach
- ❖ Brunswick County Chief Deputy Sheriff
- ❖ Brunswick County Schools
- ❖ Brunswick County Health and Human Services
- ❖ GSATS MPO (*includes municipalities within the MPO*)
- ❖ Brunswick County Environmental Health
- ❖ Brunswick County Emergency Management
- ❖ Town of Bolivia
- ❖ Brunswick Community College
- ❖ Brunswick County Planning Department
- ❖ Brunswick County Chamber of Commerce
- ❖ Cape Fear Regional Jet Port
- ❖ City of Northwest
- ❖ City of Boiling Spring Lakes
- ❖ Town of St. James
- ❖ Brunswick Senior Resources (BSRI)
- ❖ Brunswick County Sheriff
- ❖ Brunswick Electric Membership Corporation (BEMC)
- ❖ Ocean Isle Beach Airport
- ❖ Duke Energy Brunswick Plant Corporate Communications
- ❖ ATMC (now FOCUS Broadband)
- ❖ Brunswick County Planning Department
- ❖ Cape Fear Cyclists
- ❖ Military Ocean Terminal Sunny Point (MOTSU)
- ❖ Town of Sandy Creek
- ❖ Town of Oak Island
- ❖ Doshier Memorial Hospital
- ❖ NC State Highway Patrol
- ❖ NCDOT Intermodal Mobility Division
- ❖ Southeastern Economic Development Commission
- ❖ Novant Health Brunswick Medical Center
- ❖ Brunswick County Chamber of Commerce
- ❖ State Port Authority
- ❖ Brunswick Cyclists
- ❖ City of Southport
- ❖ Brunswick Cooperative Extension
- ❖ Brunswick Business & Industry Development
- ❖ Brunswick Transit System
- ❖ NCDOT BOT
- ❖ NCDOT TPD

CTP Meetings + Outreach

- Start to end of CTP
- CTP Steering Committee Meetings
- Internal Division Steering Committee
- State and Federal Agencies (subject matter experts)
- Survey
- Public Involvement Sessions
- Updates to each adopting agency throughout CTP process



Who is adopting and when?

Brunswick County

Cape Fear Council of Governments

GSATS MPO

Village of Bald Head Island

City of Boiling Spring Lakes

Town of Bolivia

Town of Caswell Beach

City of Northwest

Town of Oak Island

Town of Sandy Creek

City of Southport

Town of St. James

NCDOT BOT

Link to CTP Report

<http://tinyurl.com/BruCoCTP>

Report and Appendix (413 total pages)



Facility Types Map



FACILITY TYPES

Facility classifications for mobility and control of access planning through 2045



BRUNSWICK COUNTY

Comprehensive Transportation Plan
Facility Types and Control of Access
(Listed in Order of Mobility Function)

	Planned on Existing	Planned on New Location
Freeway		
Expressway (Multilane Divided)		
Boulevard (Multilane Divided)		
Major Thoroughfare (Multilane Undivided)		
Major Thoroughfare (2 Lane)		
Minor Thoroughfare		

- Other Features
- Studied Roads
 - GSATS MPO
 - Cape Fear RPO



Full report at:
<https://tinyurl.com/BruCoCTP>

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Sheet 1 of 4

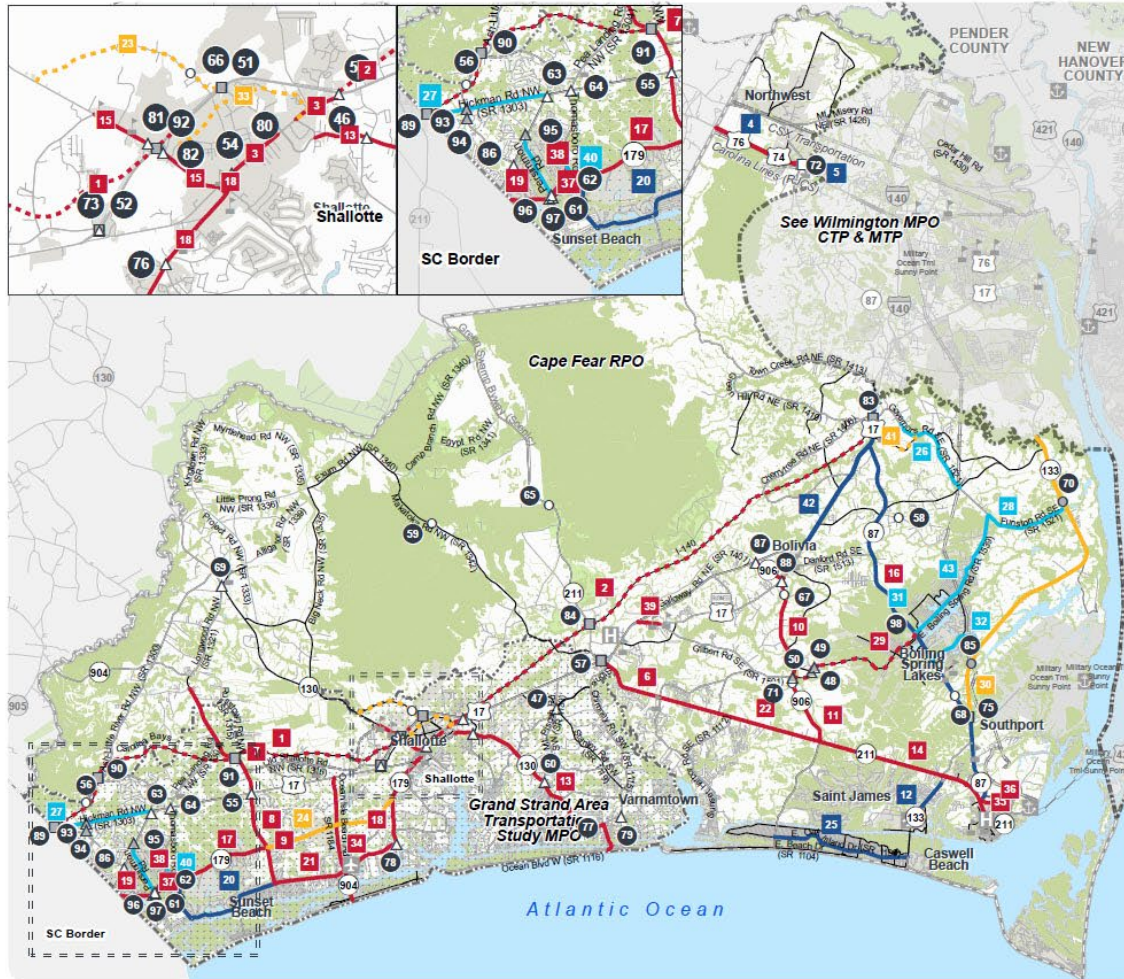
Base map date: September 16, 2019

Legal Disclaimer

These concepts will need additional analysis to meet state and federal environmental regulations, to determine final locations and designs, and to be funded for implementation. Local zoning or subdivision ordinances may require the dedication of right of way based on the concepts shown on the Comprehensive Transportation Plan and local collector street plans, based on N.C.G.S. § 136-66.2 and § 136-66.10.

WORKING COPY
Plan Date: December 08, 2023

Highway Recommendations Map



HIGHWAY RECOMMENDATIONS
Proposals that address identified needs through 2045



BRUNSWICK COUNTY
Comprehensive Transportation Plan
Highway Features

	Proposal ID#	Recommended On Existing	Recommended New Location
Congestion / Mobility (e.g., add lanes)	■	—	---
Access Management / Operations (e.g., add median)	■	—	---
Modernization (e.g., widen lanes, add turn lanes)	■	—	---
Other (e.g., safety, economic development)	■	—	---
Interchange	○	□	■
Bridge / Overpass	○	○	○
Intersection	○	△	△

- Other Features**
- Studied Roads
 - GSATS MPO
 - Cape Fear RPO



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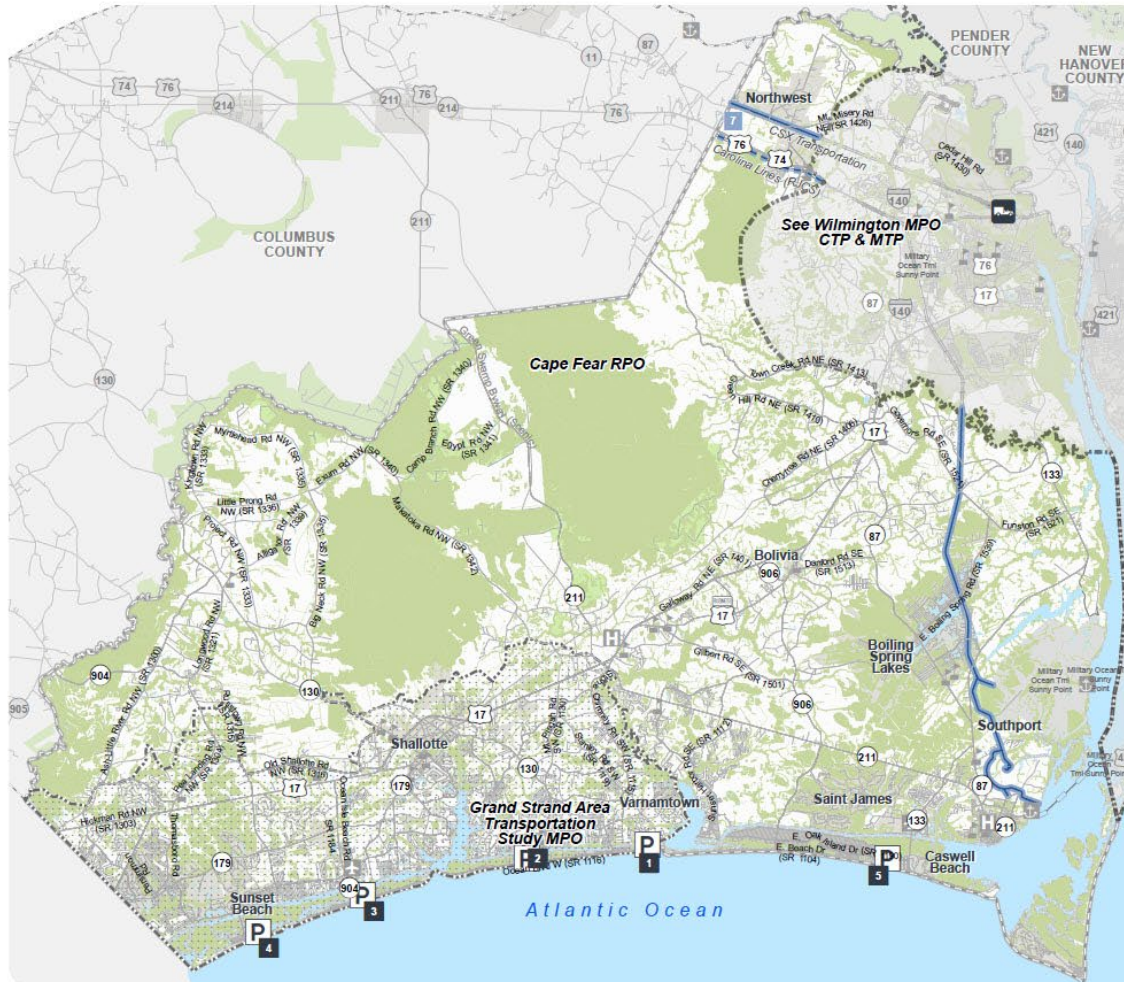
Sheet 2 of 4

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Plan Date: December 08, 2023

Public Transportation and Rail Map



PUBLIC TRANSPORTATION AND RAIL RECOMMENDATIONS
Proposals that address identified needs through 2045



BRUNSWICK COUNTY
Comprehensive Transportation Plan
Public Transportation and Rail Features

	Proposal ID #	Existing	Recommended New Location
Urban Fixed Bus Corridors	■	—	—
Regional Bus Corridors	■	—	—
Rural Fixed Bus Corridors	■	—	—
Fixed Guideway	■	—	—
Amtrak / Freight Route	■	—	—
Current Railroad	■	—	—
Transit Facility	■	■	■
Park and Ride Lot	■	■	■
Amtrak Station	■	■	■
Intermodal Terminal	■	■	■

- GSATS MPO
- Cape Fear RPO
- Studied Roads



Full report at:
<https://brunswick.com/BrucCoCTP>



Sheet 3 of 4

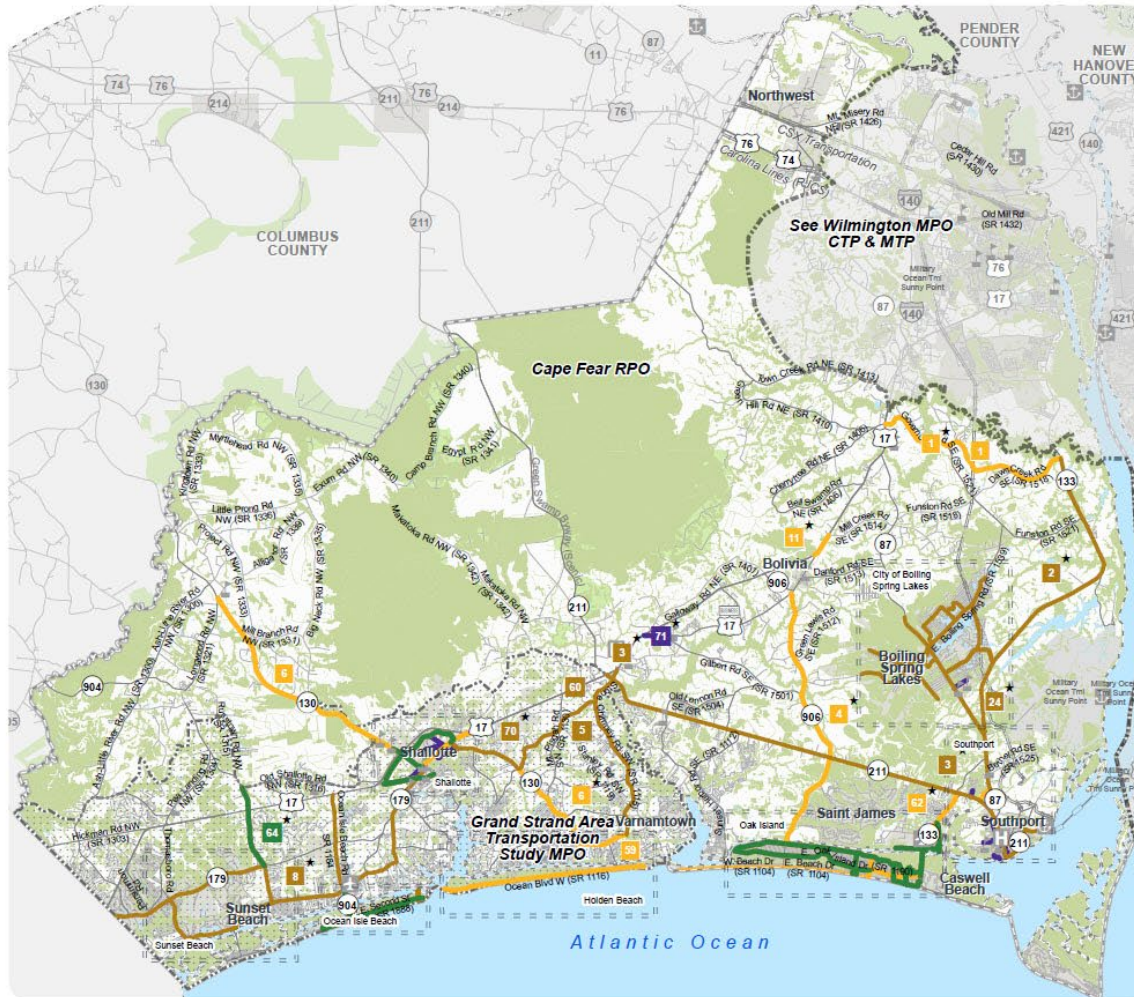
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Bicycle and Pedestrian Map



BICYCLE / PEDESTRIAN RECOMMENDATIONS
Proposals that address identified needs through 2045



BRUNSWICK COUNTY
Comprehensive Transportation Plan

Bicycle and Pedestrian Features

	Proposal ID #	Existing	Recommended New Location
Bicycle			
Pedestrian			
Bicycle and Pedestrian			
Multiuse Path			
Bicycle and Pedestrian Bridge			
Denotes Highway Incidental			

Other Features

- Studied Roads
- GSATS MPO
- Cape Fear RPO



Full report at:
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Sheet 4 of 4

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Reminders!

 Resolution from Local Adoptions

 Cape Fear RPO Endorsement

 NCDOT Board of Transportation
Adoptions

Adjourn

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THANK
YOU!

