



NORTH CAROLINA
Department of Transportation

Carteret County Comprehensive Transportation Plan (CTP) Adoption

NCDOT Transportation Planning Division – Town of Bogue
October 20th, 2025, 6:00pm

Connecting people, products and places safely and efficiently with customer focus, accountability
and environmental sensitivity to enhance the economy and vitality of North Carolina

Agenda

1. What is a CTP?
2. Carteret County CTP Progress
3. Carteret County CTP Next Steps
4. Recommendations – Highway
5. Recommendations – Bike and Pedestrian
6. Adoption

ncdot.gov

Carteret County CTP

What is A CTP?

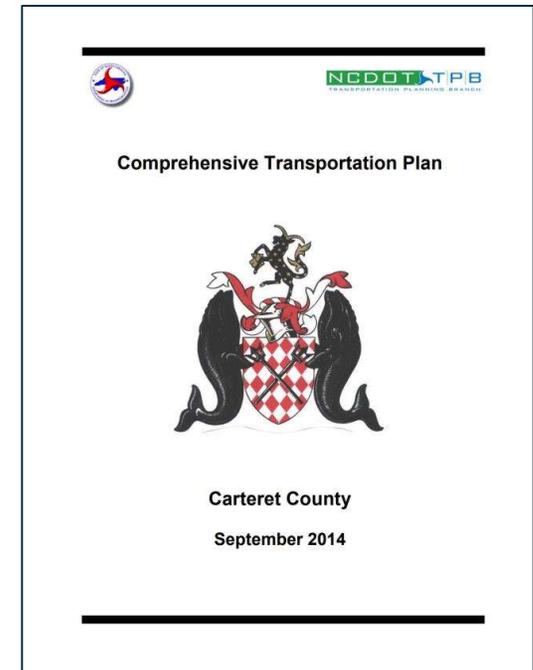
Comprehensive Transportation Plan

It is a *high level* and *long range* (~25-30 years out) needs-based transportation plan

Comes *before* any prioritization and funding

Very early-stage planning

- Developed collaboratively by NCDOT, the Down East Rural Planning Organization, Carteret County, municipalities, community stake holders, and the public
- Represents consensus on a future transportation system and is multimodal
- There is a CTP for each county in the state of NC, this updates the old 2014 Carteret County CTP



Updating This

Comprehensive Transportation Plan

Summer 2020-
Summer 2023

- CTP initiated
- Initial map and data setup
- Steering committee formed by gathering representatives from the area and towns
- Public input survey released online to gather input (summer 2023)
- Some delays due to covid and staff turnover

October 2023-
April 2025

- Monthly steering committee meetings
- Met 1x1 with many Carteret towns to discuss recommendations
- Engineering analysis
- Draft CTP recommendations developed

May 2025

- Four drop-in public input sessions held where further feedback from citizens was gathered

Carteret County CTP Next Steps

Comprehensive Transportation Plan

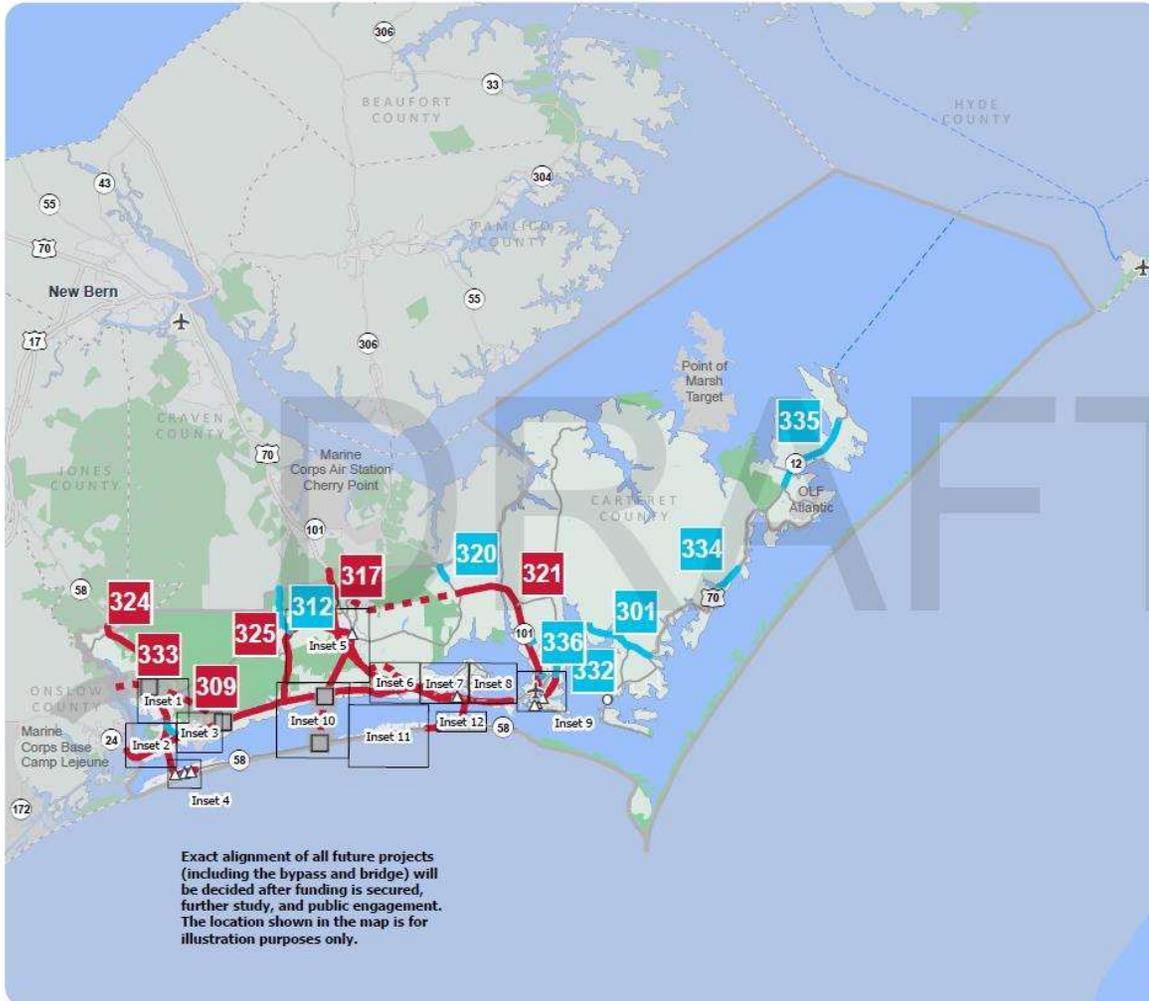
After many years of study, analysis, meeting with all the towns and steering committee, and public input, we are seeking adoption from each town!



We are here today to present and show the CTP to the Town of Bogue at so the council can adopt the CTP

This updated CTP will better support future funding opportunities

Recommendations - Highway



Exact alignment of all future projects (including the bypass and bridge) will be decided after funding is secured, further study, and public engagement. The location shown in the map is for illustration purposes only.

HIGHWAY RECOMMENDATIONS
Proposals that address identified needs through 2050



CARTERET COUNTY
Comprehensive Transportation Plan

Inset
Carteret County

Highway Features

	Proposal ID #	Recommended On Existing	Recommended New Location
Congestion / Mobility (e.g., add lanes)	3	—	---
Access Management / Operations (e.g., add median)	4	—	---
Modernization (e.g., widen lanes, add turn lanes)	5	—	---
Other (e.g., safety, economic development)	6	—	---
Interchange	7	□	■
Bridge / Overpass	8	○	●
Intersection	9	○	▲

Other Features

- Studied Roads
- MPO Boundary
- RPO Boundary

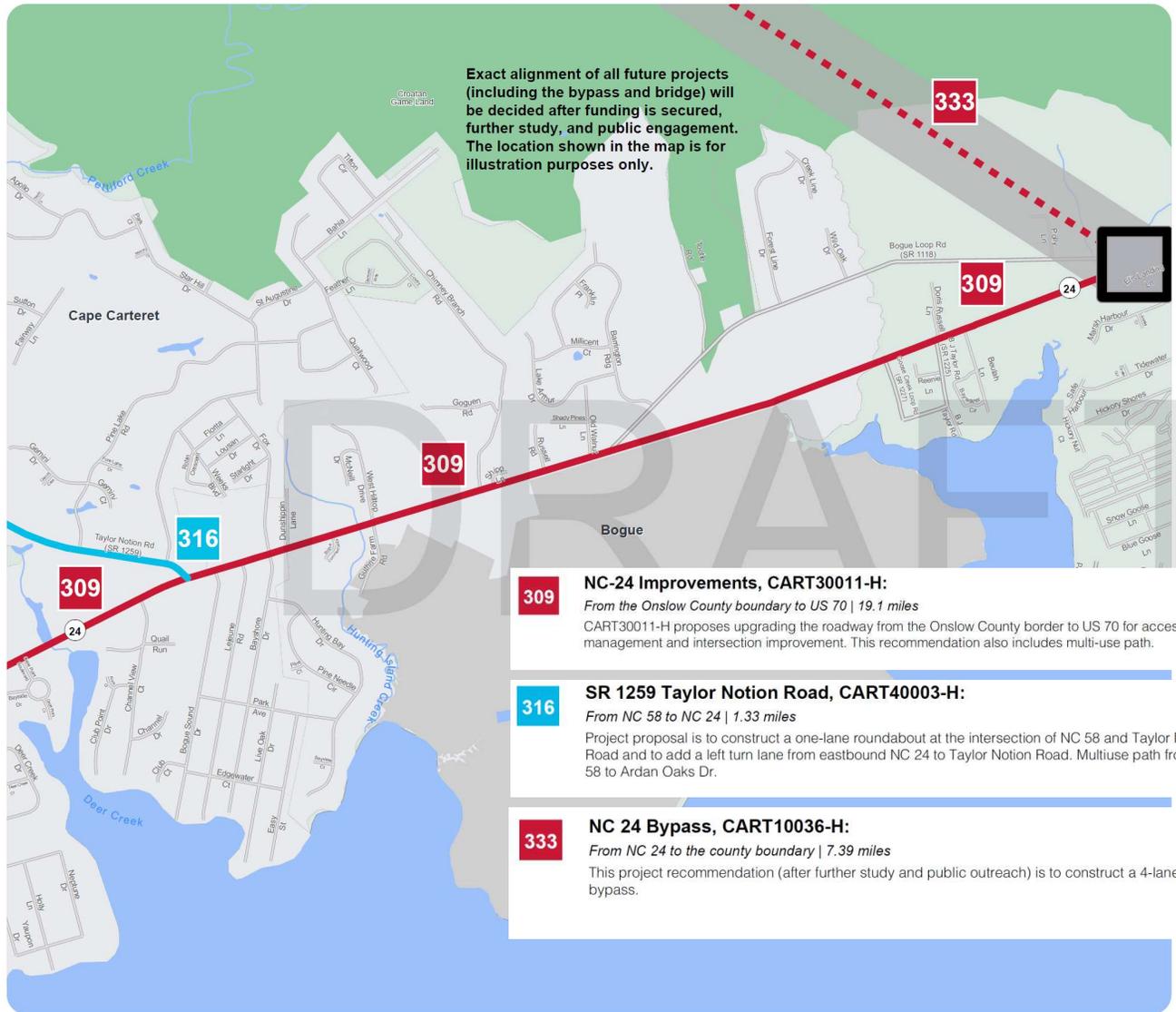


Base map date: October 02, 2019

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: June 06, 2025



Exact alignment of all future projects (including the bypass and bridge) will be decided after funding is secured, further study, and public engagement. The location shown in the map is for illustration purposes only.

- 309 NC-24 Improvements, CART30011-H:**
 From the Onslow County boundary to US 70 | 19.1 miles
 CART30011-H proposes upgrading the roadway from the Onslow County border to US 70 for access management and intersection improvement. This recommendation also includes multi-use path.
- 316 SR 1259 Taylor Notion Road, CART40003-H:**
 From NC 58 to NC 24 | 1.33 miles
 Project proposal is to construct a one-lane roundabout at the intersection of NC 58 and Taylor Notion Road and to add a left turn lane from eastbound NC 24 to Taylor Notion Road. Multiuse path from NC 58 to Ardan Oaks Dr.
- 333 NC 24 Bypass, CART10036-H:**
 From NC 24 to the county boundary | 7.39 miles
 This project recommendation (after further study and public outreach) is to construct a 4-lane bypass.

HIGHWAY RECOMMENDATIONS
 Proposals that address identified needs through 2050



CARTERET COUNTY
 Comprehensive Transportation Plan
 Inset 3
 Bogue

Highway Features

Proposal ID #	Recommended On Existing	Recommended New Location
Congestion / Mobility (e.g., add lanes)	Red solid line	Red dashed line
Access Management / Operations (e.g., add median)	Blue solid line	Blue dashed line
Modernization (e.g., widen lanes, add turn lanes)	Cyan solid line	Cyan dashed line
Other (e.g., safety, economic development)	Yellow solid line	Yellow dashed line
Interchange	Circle with square	Square
Bridge / Overpass	Circle with circle	Circle
Intersection	Circle with circle	Triangle

Other Features

- Studied Roads (Grey line)
- MPO Boundary (Dashed line)
- RPO Boundary (Dotted line)

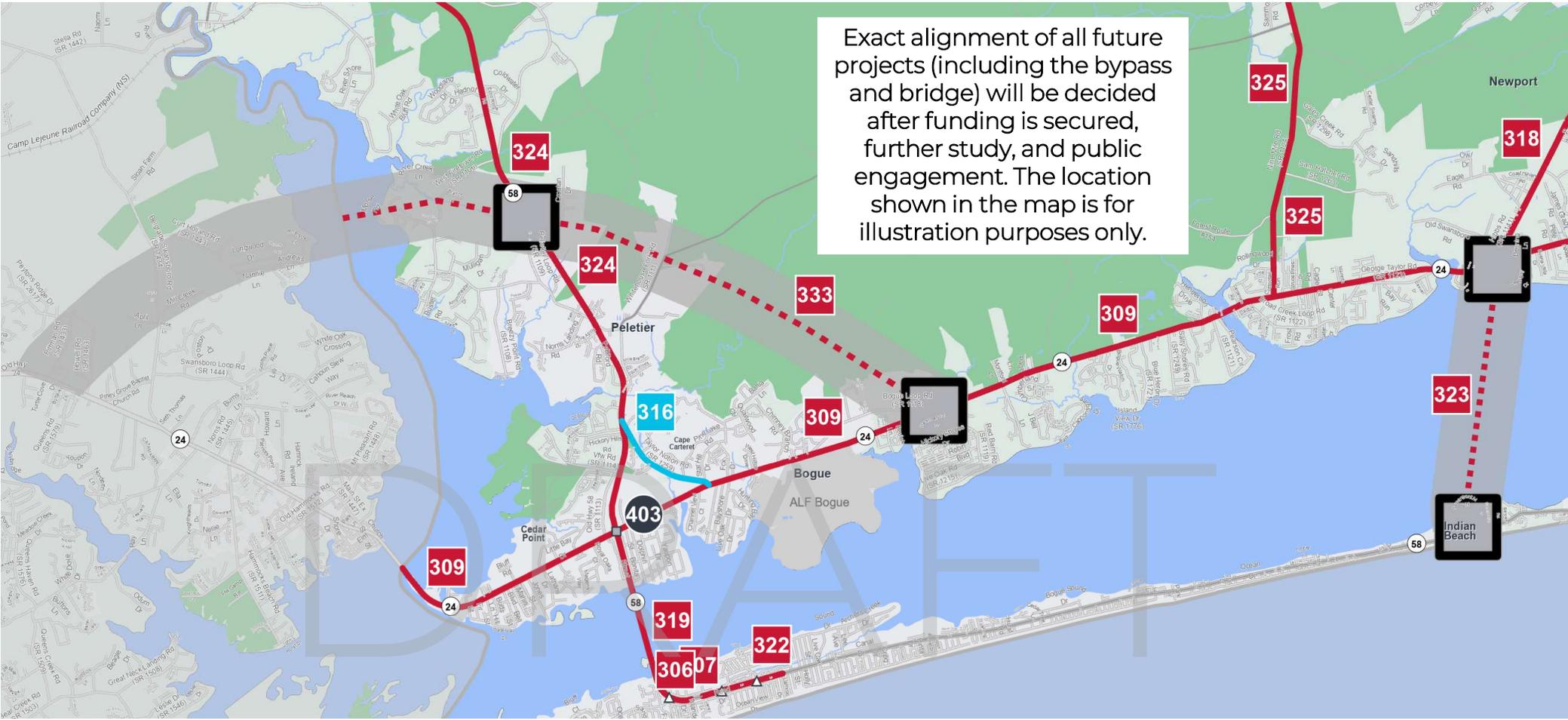


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 Plan Date: September 30, 2025

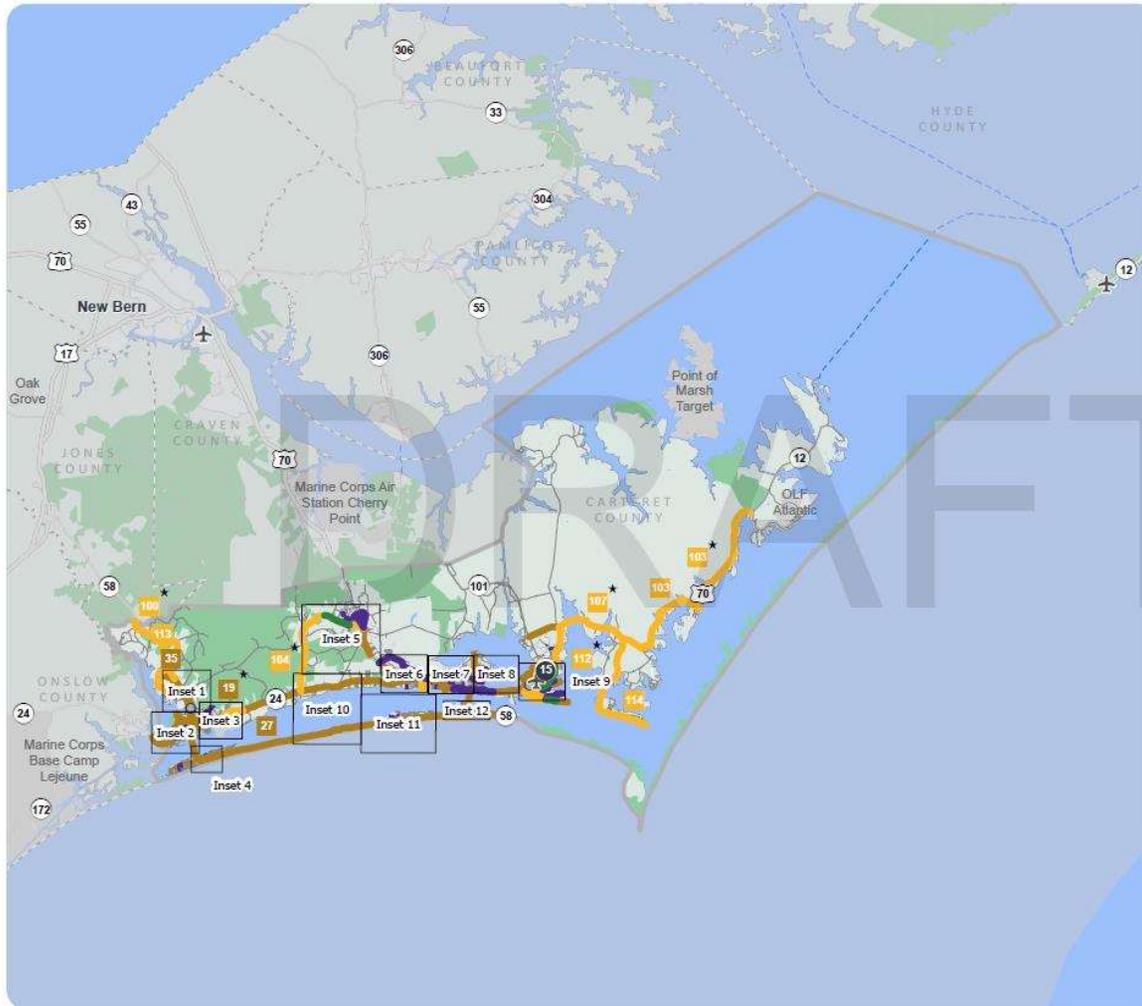
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333 **NC 24 Bypass, CART10036-H:**
From NC 24 to the county boundary | 7.39 miles
 This project recommendation, after further study and public outreach, is to construct a 4-lane bypass.

323 **Mid Island Bridge over Bogue Sound, CART40021-H:**  
From NC 24 to NC 58 | 2.99 miles
 This project recommendation (after a detailed study and public outreach) is to construct a 2-lane bridge with and one bike and ped lane that can be used by vehicles in emergency situations, including hurricane evacuation. The steering committee suggested to model after the Surf City Bridge.

Recommendations – Bike and Pedestrian



BICYCLE / PEDESTRIAN RECOMMENDATIONS
Proposals that address identified needs through 2050



CARTERET COUNTY

Comprehensive Transportation Plan

Inset
Carteret County

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

MPO Boundary

RPO Boundary

0 1.75 3.5 7 10.5 14 Miles

Base map date: October 02, 2019

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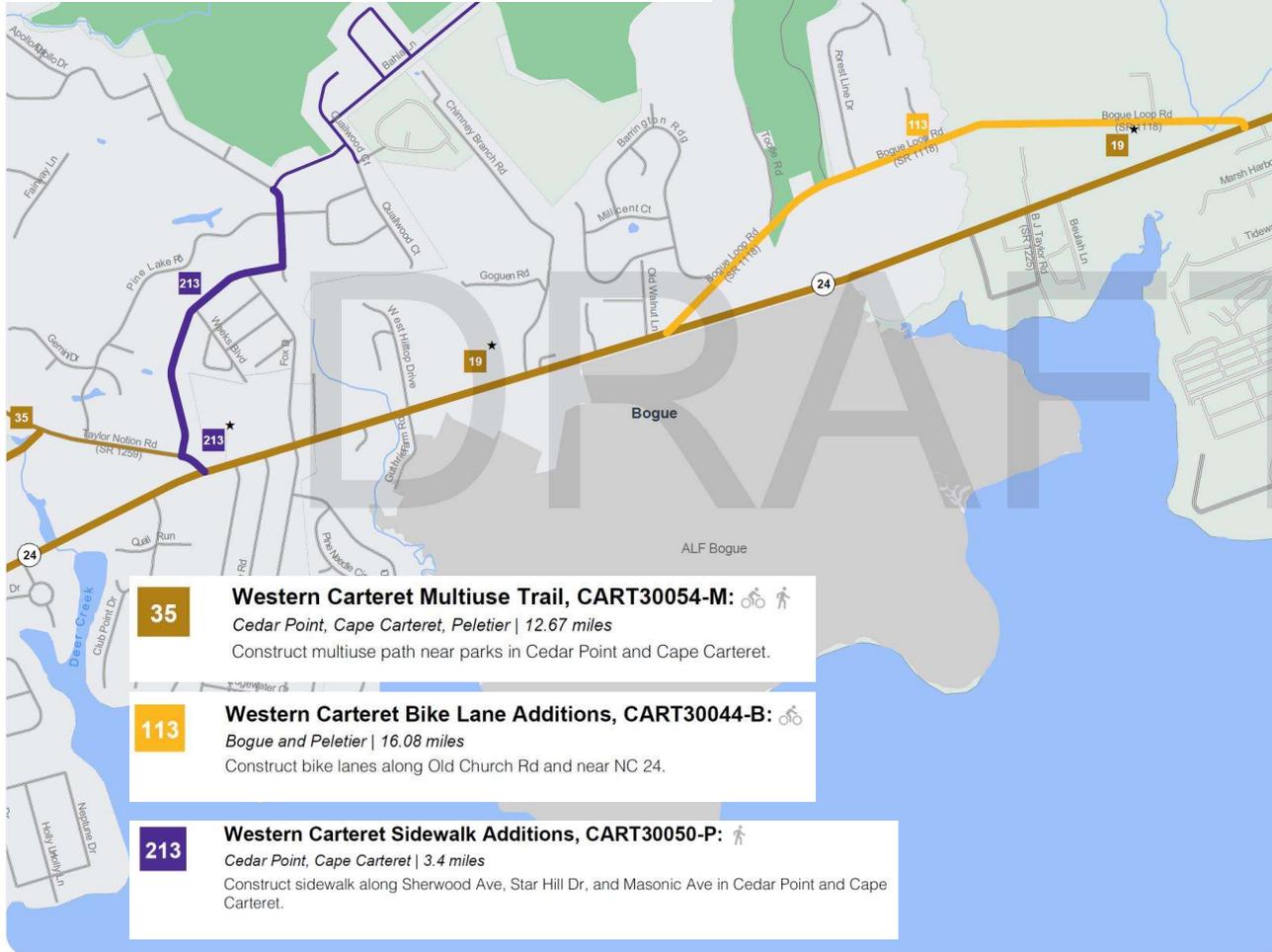
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Plan Date: August 26, 2025

★ **NC-24 Improvements, CART30011-H:**

From the Onslow County boundary to US 70 | 19.1 miles

CART30011-H proposes upgrading the roadway from the Onslow County border to US 70 for access management and intersection improvement. This recommendation also includes multi-use path.



35 Western Carteret Multiuse Trail, CART30054-M:
 Cedar Point, Cape Carteret, Peletier | 12.67 miles
 Construct multiuse path near parks in Cedar Point and Cape Carteret.

113 Western Carteret Bike Lane Additions, CART30044-B:
 Bogue and Peletier | 16.08 miles
 Construct bike lanes along Old Church Rd and near NC 24.

213 Western Carteret Sidewalk Additions, CART30050-P:
 Cedar Point, Cape Carteret | 3.4 miles
 Construct sidewalk along Sherwood Ave, Star Hill Dr, and Masonic Ave in Cedar Point and Cape Carteret.

BICYCLE / PEDESTRIAN RECOMMENDATIONS
 Proposals that address identified needs through 2050



CARTERET COUNTY
 Comprehensive Transportation Plan

Inset 3
 Bogue

Bicycle and Pedestrian Features

	Proposal ID #	Existing	Recommended New Location
Bicycle	113		
Pedestrian	213		
Bicycle and Pedestrian	35		
Multiuse Path	35		
Bicycle and Pedestrian Bridge	19		
Denotes Highway Incidental	19	★	★

Other Features

- Studied Roads
- MPO Boundary
- RPO Boundary



Base map date: October 02, 2019

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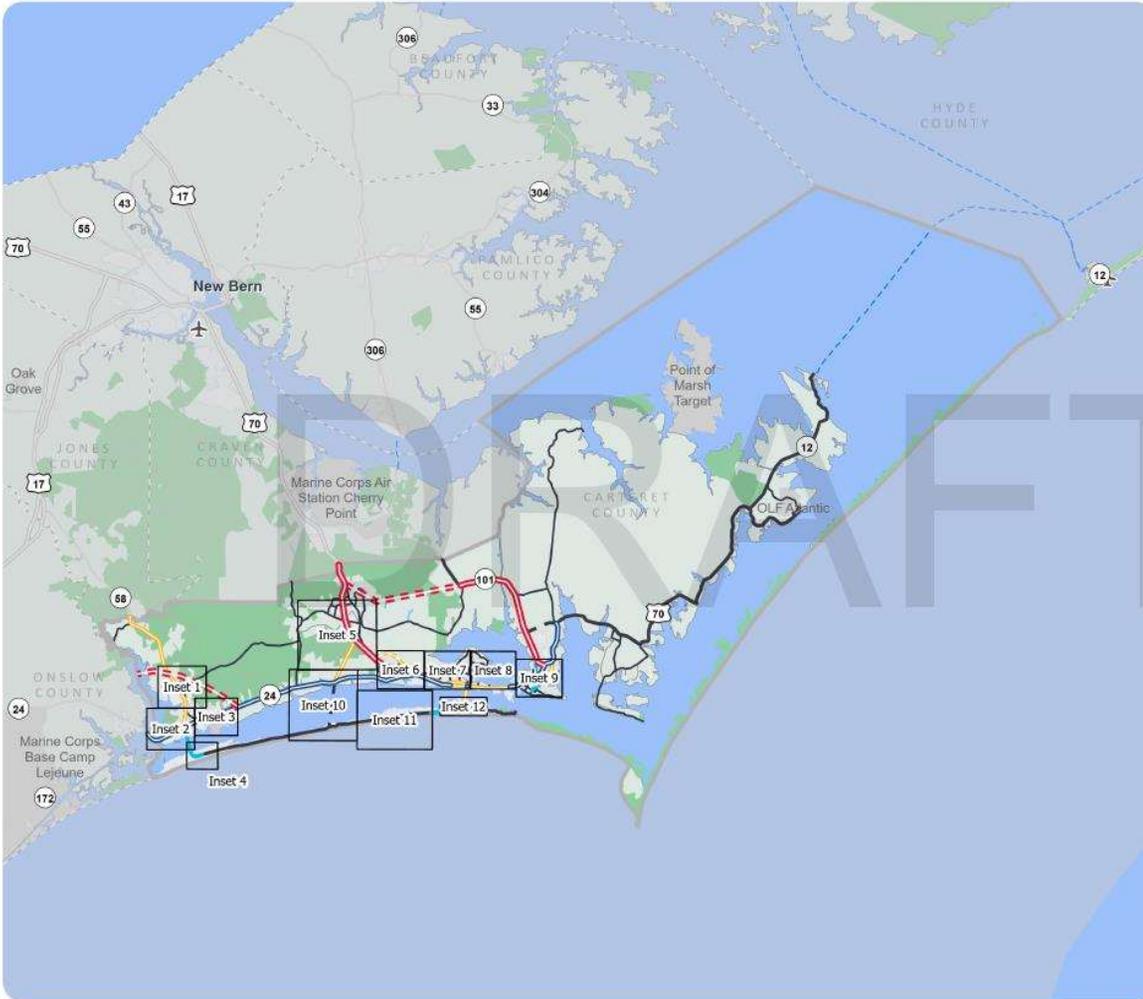
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Carteret County CTP

Other Maps



FACILITY TYPES

Facility classifications for mobility and control of access planning through 2050



CARTERET COUNTY

Comprehensive Transportation Plan

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

Inset Carteret County

	Planned on Existing	Planned on New Location
Freeway		
Expressway (Multilane Divided)		
Boulevard (Multilane Undivided)		
Major Thoroughfare (Multilane Undivided)		
Major Thoroughfare (2 Lane)		
Minor Thoroughfare		
Other Features		
Studied Roads		
MPO Boundary		
RPO Boundary		

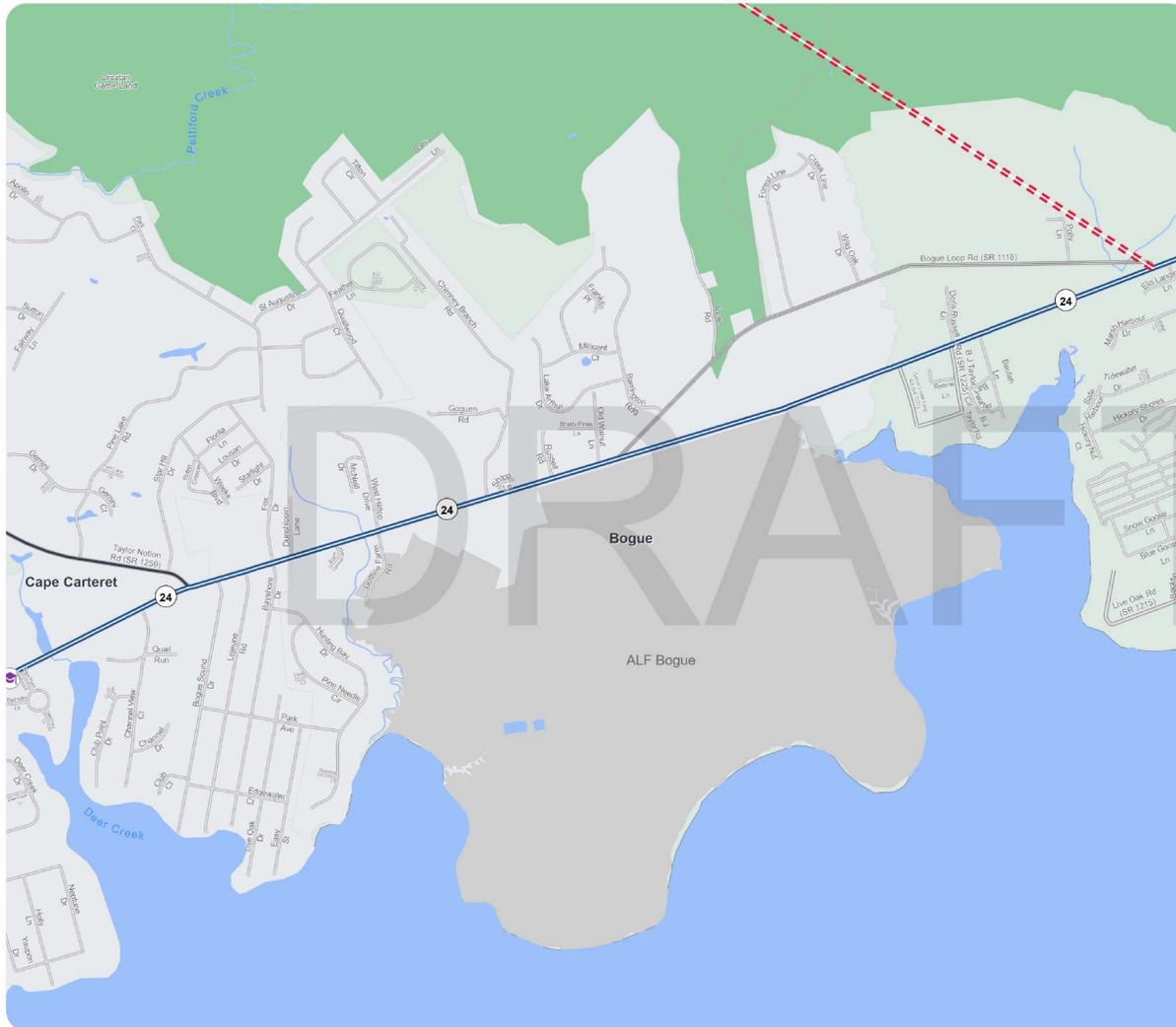


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Plan Date: May 27, 2025



FACILITY TYPES

Facility classifications for mobility and control of access planning through 2050



CARTERET COUNTY

Comprehensive Transportation Plan

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

Inset 3
Bogue

	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		
MPO Boundary		
RPO Boundary		

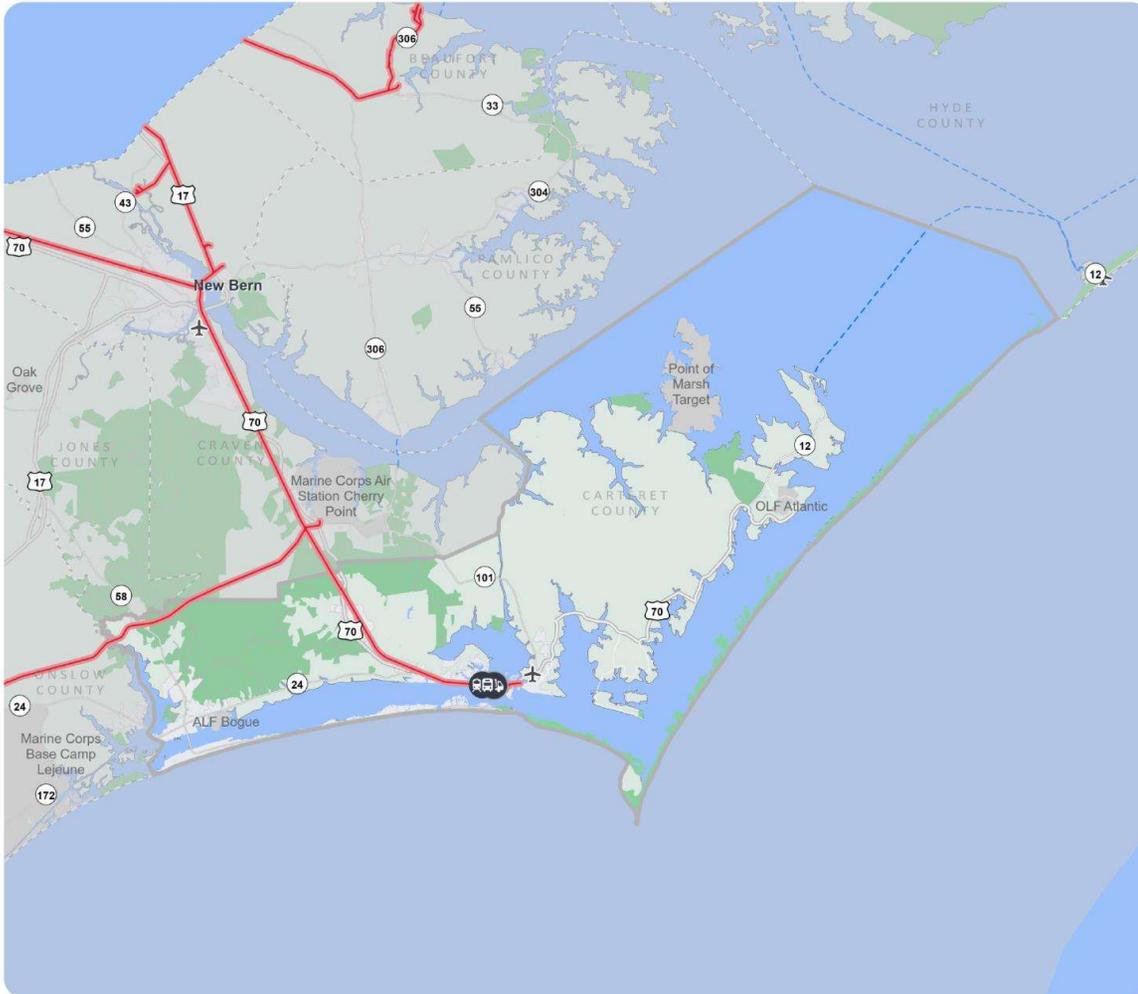


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PUBLIC TRANSPORTATION AND RAIL RECOMMENDATIONS
Proposals that address identified needs through 2050



CARTERET COUNTY
Comprehensive Transportation Plan
Public Transportation and Rail Features

	Proposal ID #	Existing	Recommended New Location
Urban Fixed Bus Corridors	1	—	—
Regional Bus Corridors	2	—	—
Rural Fixed Bus Corridors	3	—	—
Fixed Guideway	4	—	—
Amtrak / Freight Route	5	—	—
Current Railroad	6	—	—
Transit Facility	7	Ⓜ	Ⓜ
Park and Ride Lot	8	Ⓟ	Ⓟ
Amtrak Station	9	Ⓜ	Ⓜ
Intermodal Terminal	10	Ⓜ	Ⓜ

- MPO Boundary
- RPO Boundary
- Studied Roads

Denotes Highway Incidental ★



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Carteret County CTP

Adoption

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