

NC 101 North of Beaufort Improvements

From SR 1493 (Live Oak St) to Lake Rd

Local ID: **CART40029-H**

Purpose: **Congestion**

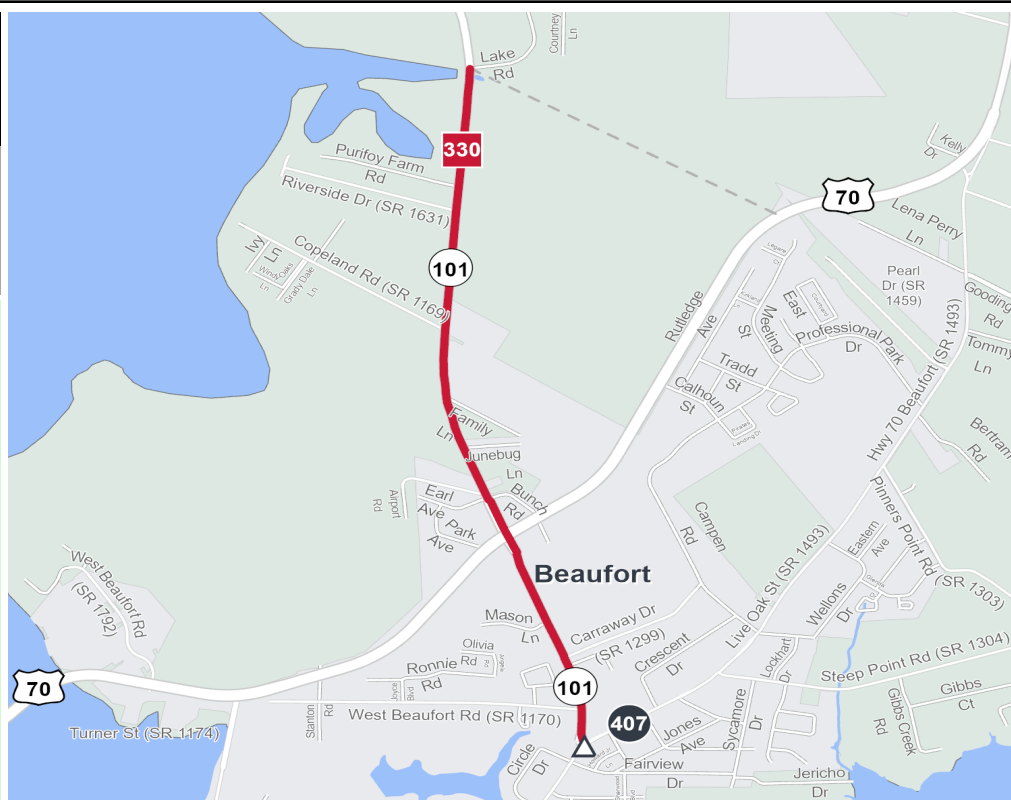
Improvement: **Improve Existing**

Identified Need

Existing NC 101 is projected to be near and over capacity by 2050. Improvements are needed to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

Recommendation

CART40029-H proposes widening the existing roadway to 4 lanes with both multiuse path on some segments and bike lanes on other segments.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	...	Interchange	⊙	□	■
Access Management / Operations	#	—	...	Bridge / Overpass	⊙	○	●
Modernization	#	—	...	Intersection	⊙	∠	▲
Other	#	—	...				

Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	-
Length (miles)	1.70
Existing ROW (feet)	50-80
Safety Risk Score	22-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	2	4
Volume (vpd)	8200-9500	11500-13300	14400-17000
Capacity (vpd)	11100-22200	11100-22200	27600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

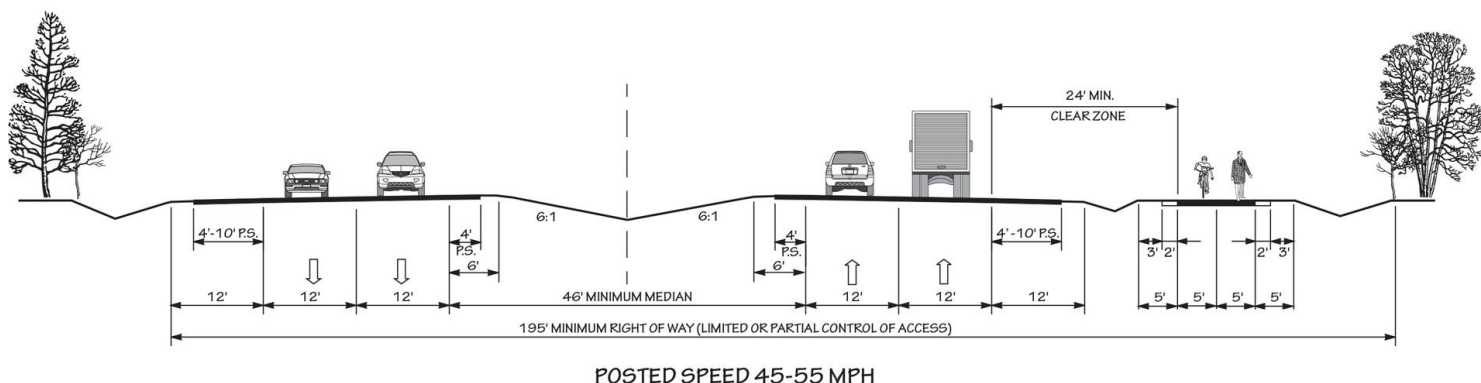


Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH

**Project History/Linkage to Other Plans**

This project was discussed in the steering committee meeting, and was recommended in the 2014 Carteret County CTP.

CTP Goal Analysis**Goals and Objectives Survey**

The vision for Carteret County is to have a safe, diverse, efficient, integrated, and environmentally sensitive and sustainable multi-modal transportation system for its residents, visitors, and businesses. The Carteret County CTP goals include: promoting a safer and more secure transportation network, creating a more efficient transportation system, providing an integrated and multimodal transportation network, supporting regional growth in the transportation network, preserving the social and environmental character of the region, extending the life of the transportation system by developing sustainable transportation solutions, and anticipating future needs of the area in terms of resiliency and flooding.

Public Comments

This Carteret County CTP survey was open from March 1st, 2023 to April 30th, 2023 and there was an English and Spanish version of the survey. There were a total of 439 participants and 1,387 comments as pins on the map were received. This project received 8 comments as pins during the online survey. The concerns were bicycle and pedestrian needs.

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 4 Flood Hazard Area Feature(s)
- 2 High Quality And Outstanding Resource Water Feature(s)

- 2 Impaired Waters Line Feature(s)
- 2 Landscape Habitat Indicator Guild Feature(s)
- 2 Major River Feature(s)
- 2 Natural Heritage Element Occurrence Feature(s)
- 12 Wetland Feature(s)
- 16 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 2 Quality Monitored River And Stream Feature(s)
- 3 Target Local Watershed Feature(s)

This recommendation passes through one or more Census Blocks with the following characteristics:

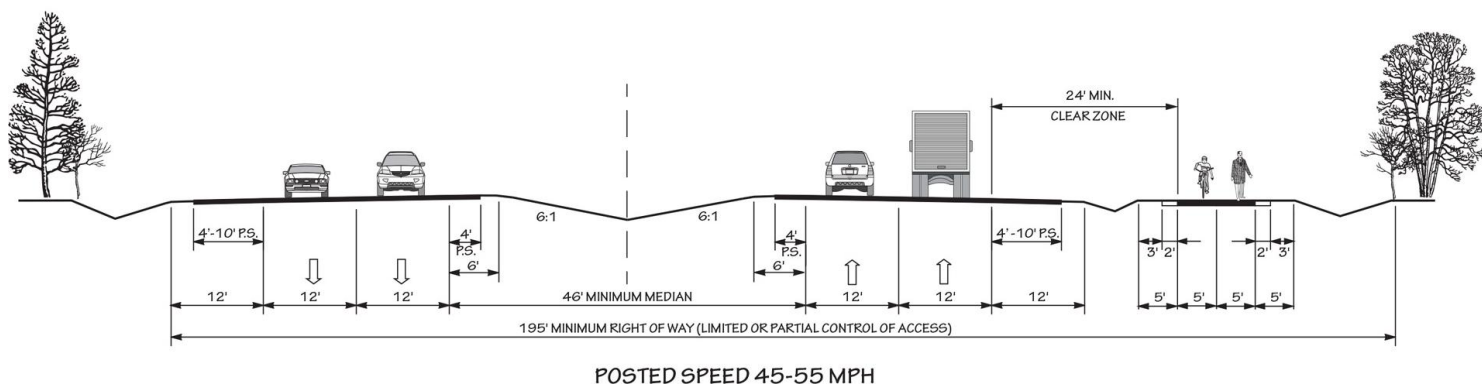
- Between 25% and 50% identify as 65+
- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races

Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



- Between 15% and 25% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car