

NC 58 Improvements

From NC 24 to the County Line

Local ID: CART30022-H

Purpose: Congestion

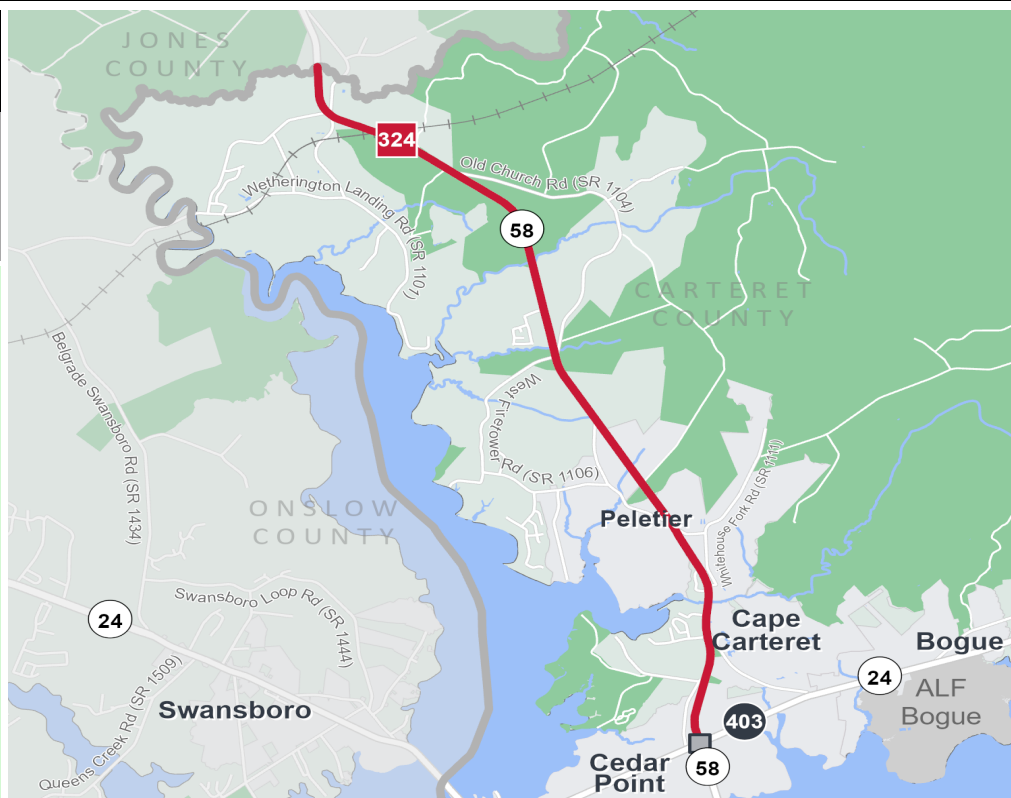
Improvement: Improve Existing

Identified Need

Sections of NC 58 are projected to be near or over capacity by year 2050. Improvements are needed to relieve congestion on the existing facility and accommodate projected traffic volumes such that a minimum of Level of Service (LOS) D can be achieved. Multimodal options are needed as well.

Recommendation

Construct a boulevard with multi-use path from NC 24 to Pelletier Loop Rd and bike lanes from Pelletier Loop Rd to the county boundary. Multiuse additions here as well.



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	Boulevard
Typical Section	04 H
Section Options	-
Length (miles)	9.00
Existing ROW (feet)	150-250
Safety Risk Score	11-100

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	Boulevard
Travel Lanes	2	2	4
Volume (vpd)	4800-13000	5600-17500	5900-21500
Capacity (vpd)	13800-26700	13800-26700	39700-43900

Capacity Data: Year

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

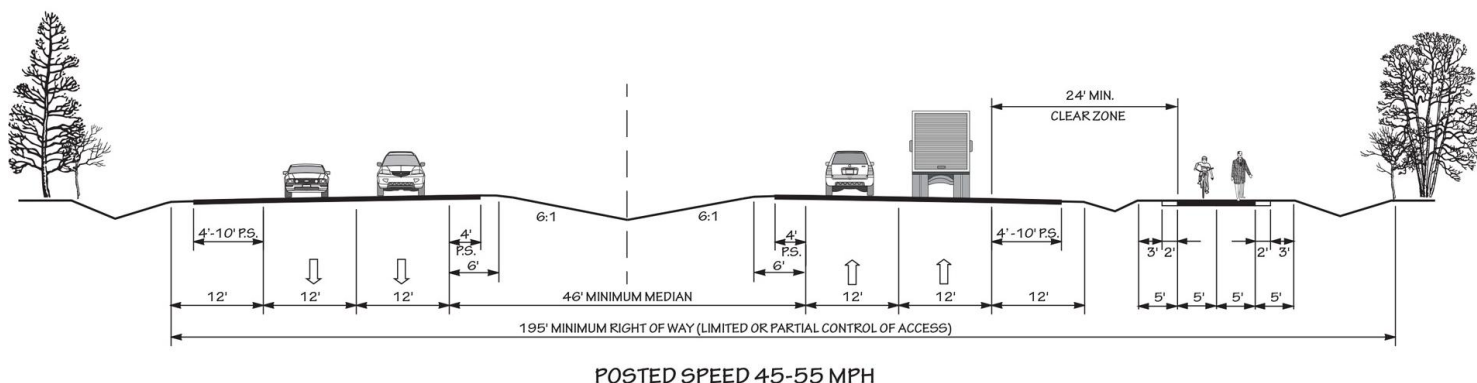


Typical Section Options:

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 with the steering committee.

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 147 comments as pins during the online survey. The comments were mainly about congestion, accidents, and bike and pedestrian needs. Additionally, citizens expressed concern for this area at the public outreach meeting on 1/31/2023.

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

- 1 Anadromous Fish Spawning Area Feature(s)
- 1 Beach And Waterfront Access Feature(s)
- 6 Benthic Habitat Feature(s)

- 27 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 1 Fish Nursery Area Feature(s)
- 7 Flood Hazard Area Feature(s)
- 3 Gameland Feature(s)
- 2 High Quality And Outstanding Resource Water Feature(s)
- 8 Landscape Habitat Indicator Guild Feature(s)
- 1 Major River Feature(s)
- 3 Managed Area Feature(s)
- 12 Natural Heritage Element Occurrence Feature(s)
- 40 Wetland Feature(s)
- 14 River And Stream Feature(s)
- 7 Lake And Pond Feature(s)
- 2 Protected Area Feature(s)
- 6 Quality Monitored River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

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

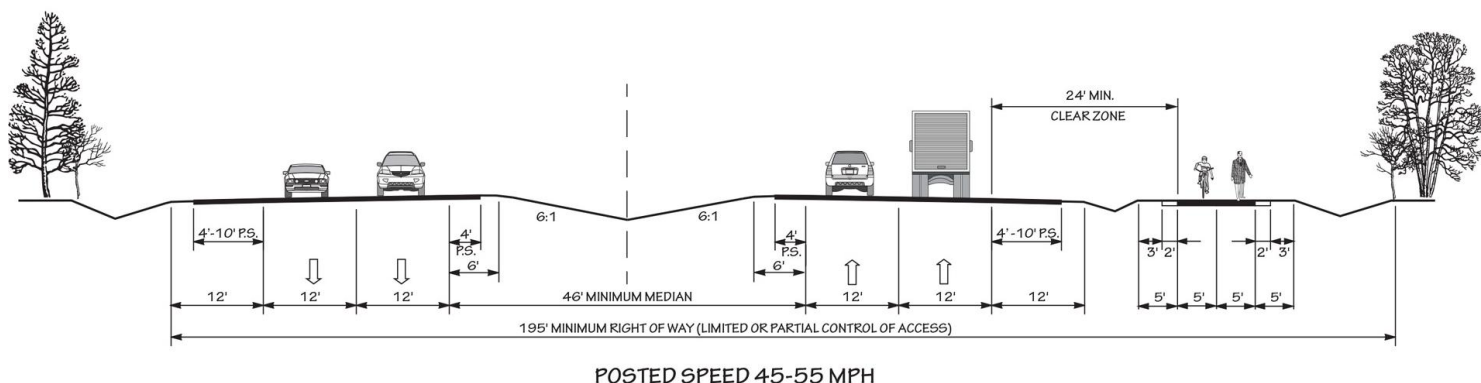
- Between 25% and 50% identify as 65+
- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander

Typical Section Options:

None

TYPICAL SECTION No. 4H

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



- Between 0% and 5% 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 10% and 15% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car