

SR 1247 (East Chatham St) Improvements

From SR 1140 (Roberts Rd) to US 70

Local ID: CART30023-H

Purpose: Safety

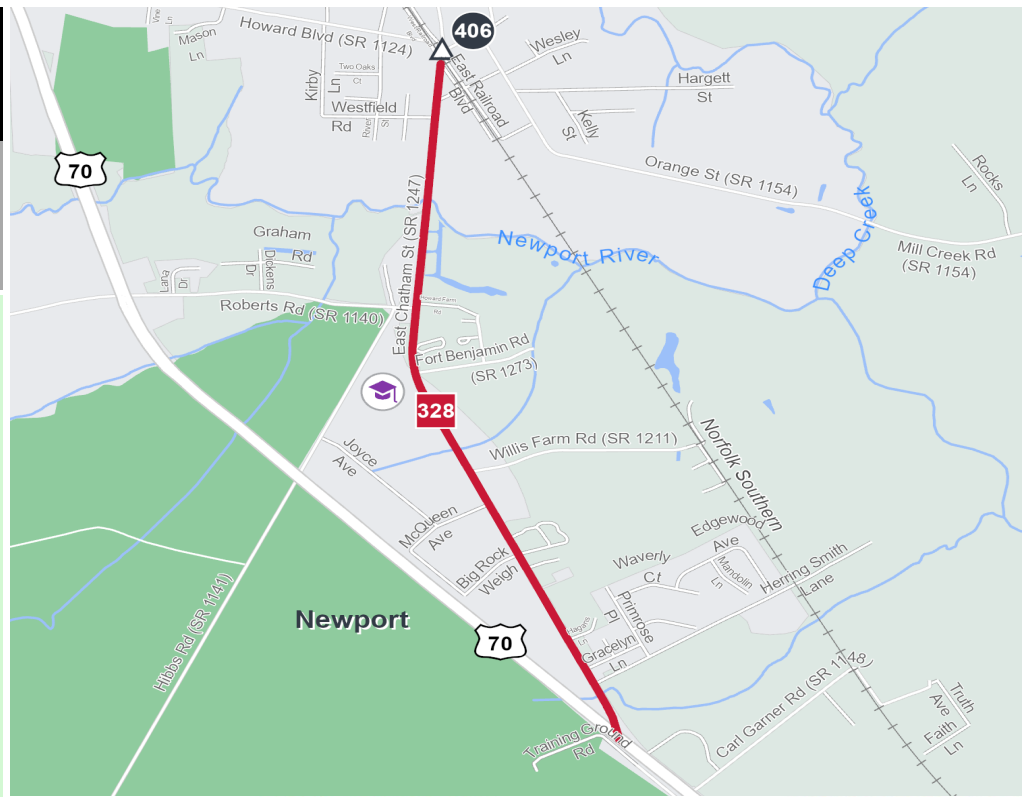
Improvement: Improve Existing

Identified Need

This area is projected to be over capacity in 2050. Improvements are needed to accommodate current and projected traffic volumes such that the LOS D can be achieved. Town of Newport expressed concern with the flooding, and also better access to the elementary school is needed.

Recommendation

Recommendations include adding turn lanes where needed and installing multiuse trail.



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	Minor Thoroughfare
Typical Section	03 D
Section Options	-
Length (miles)	1.90
Existing ROW (feet)	100
Safety Risk Score	67-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	6700-9700	7400-10500	6900-9400
Capacity (vpd)	10500-13300	10500-13300	11500

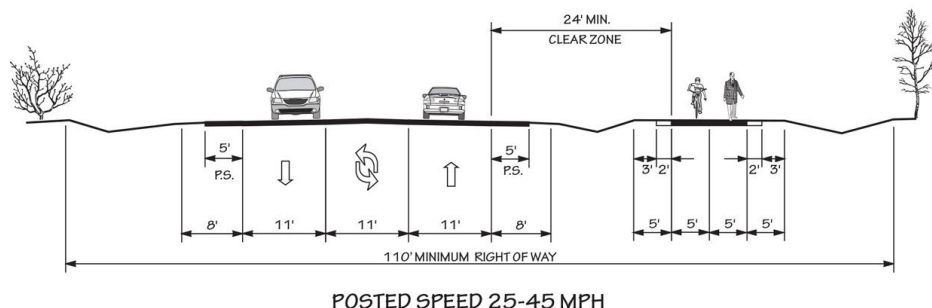
Capacity Data: Year

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



Typical Section Options:

None

TYPICAL SECTION No. 3D2 LANE WITH TWO WAY LEFT TURN LANE,
PAVED SHOULDERS AND SIDEPATH**Project History/Linkage to Other Plans**

Town of Newport recommended this upgrade. Town of Newport mentioned the need for an intersection improvement at East Chatham St and US 70.

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 5 comments as pins during the online survey. These comments included concern with congestion, maintenance, and bike and pedestrian needs.

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

- 1 Ambient Water Quality Monitoring Site(s)
- 1 Anadromous Fish Spawning Area Feature(s)
- 14 Coastal Region Evaluation Of Wetland Significance Feature(s)

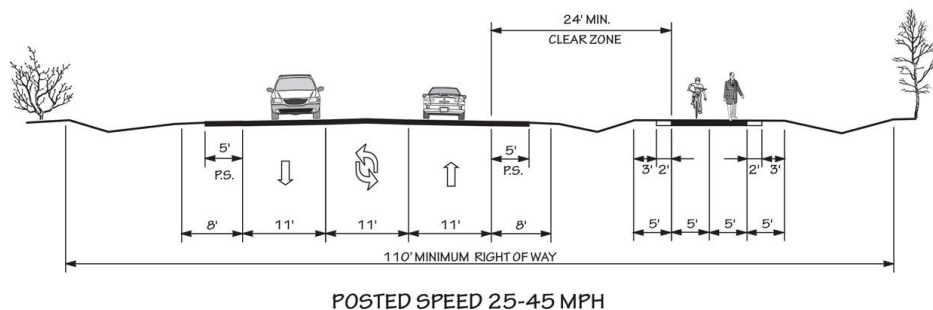
- 5 Flood Hazard Area Feature(s)
- 1 Impaired Waters Line Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 1 Major River Feature(s)
- 4 Managed Area Feature(s)
- 4 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 19 Wetland Feature(s)
- 3 River And Stream Feature(s)
- 4 Lake And Pond Feature(s)
- 3 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 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 0% and 25% 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
- 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

Typical Section Options:

None

TYPICAL SECTION No. 3D2 LANE WITH TWO WAY LEFT TURN LANE,
PAVED SHOULDERS AND SIDEPATH

POSTED SPEED 25-45 MPH

- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car