

SR 1124 (Nine Foot Rd) Improvements

From Nine Mile Road to SR-1247 (East Chatham St)

Local ID: **CART40012-H**

Purpose: **Congestion**

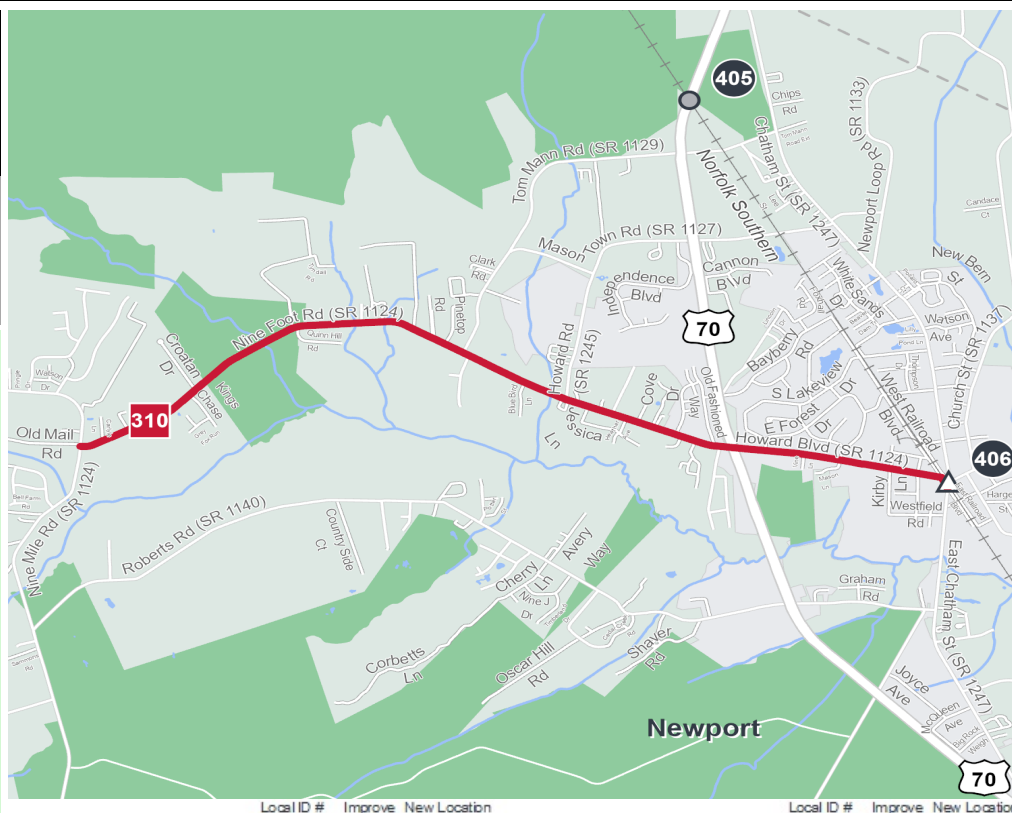
Improvement: **Improve Existing**

Identified Need

Sections of Nine Foot Road (SR 1124) is projected to be near capacity by 2050. Improvements are needed to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

Recommendation

CART40012-H proposes widening the existing roadway as well as adding ditches and turn lanes where needed. Buffered bike lane and sidewalk from US 70 to Holly Springs Rd and bike lane paved shoulder from the rail lines to US 70 as well as Holly Springs Rd to Lake Rd.



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	02 A
Section Options	03 A
Length (miles)	4.30
Existing ROW (feet)	50-100
Safety Risk Score	22-89

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)	3000-5700	4500-10100	4000-8000
Capacity (vpd)	10500-15100	10500-15100	10500-15100

Capacity Data: Year

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

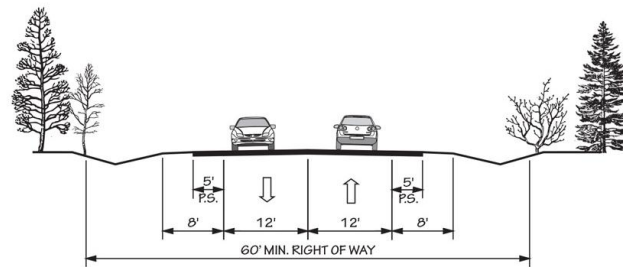


Typical Section Options:

03 A

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project History/Linkage to Other Plans

The 2014 Carteret County CTP includes this road as major thoroughfare needs improvement and bicycle needs improvement. This project is listed in SPOT (H191110). This project recommendation is directly related to the Lake Road and Nine Foot Road Improvements (CART40023-H and CART40001-H).

The Havelock Bypass Project includes an interchange at Lake Road in Craven County. The Havelock Bypass is currently under construction and the future year volume took this all into consideration.

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 10 comments as pins during the online survey. The main concerns were roadway conditions, sidewalks, and bike lanes.

All environmental data in the database was considered.

This Project is within 150 feet of:

- 14 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 12 Flood Hazard Area Feature(s)
- 1 Gameland Feature(s)
- 4 Landscape Habitat Indicator Guild Feature(s)
- 1 Land Water Conservation Fund Property Feature(s)
- 1 Major River Feature(s)
- 2 Managed Area Feature(s)
- 5 Natural Heritage Element Occurrence Feature(s)
- 11 Wetland Feature(s)
- 6 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 3 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

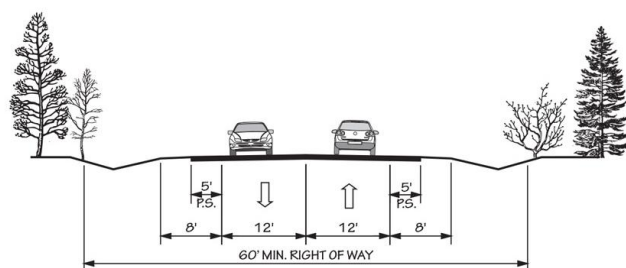
This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as 65+
- Between 0% and 25% 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

Typical Section Options:
03 A

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

- 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 5% and 10% 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