SR 1141 (Hibbs Rd) Improvements

From US 70 to SR 1140 (Roberts Rd)

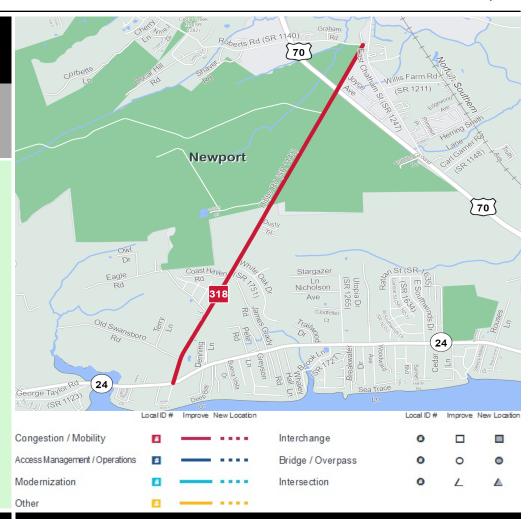
Local ID: **CART40017-H**Purpose: **Congestion**Improvement: **Widening**

Identified Need

Existing SR 1141 (Hibbs Road) 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

CART40017-H proposes widening the existing roadway to two 12-foot travel lanes with a median, adding four-foot paved shoulders, and improving the ditches.



Proposal At A Glance			
Highway Class	Congestion & Mobility		
Facility Type	Boulevard		
Typical Section	02 I		
Section Options	-		
Length (miles)	3.70		
Existing ROW (feet)	60		
Safety Risk Score	44-89		

Proposal Data:	2019 Base Year	2050 Future Year	
Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Boulevard
Travel Lanes	2	2	2
Volume (vpd)	2100-9600	2800-14800	3200-21600
Capacity (vpd)	11000-13300	11000-13300	16900-19800

Capacity Data:	<u>Year</u>
Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-



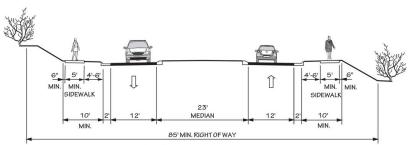
Project Sheets 12/18/2024

Typical Section Options:

None

TYPICAL SECTION No. 21

2 LANE DIVIDED (23' RAISED MEDIAN) WITH CURB & GUTTER AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project History/Linkage to Other Plans

This roadway is a major connector between routes NC 24 and US 70. This project was included as a minor thoroughfare needs improvement project in the 2014 Carteret County CTP. It was submitted in SPOT 7.0 as H230553.

This project is directly related to the Mid Island Bridge over Bogue Sound project (CART40021-H, H190093). R-3437 US 70-NC 101 connector project is in close proximity to the proposed SR-1141 (Hibbs Rd) Improvements project. R-3437 was proposed in previous STIP plans. The current 2024-2033 STIP does not include R-3437.

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 9 comments as pins during the online survey. The main concerns were congestion, maintenance, and bicycle and pedestrian

needs.

Other Information

Land Use

The Town of Newport future landuse plans shows the area along Hibbs Road as low density residential.

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

- 30 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 2 Gameland Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 3 Landscape Habitat Indicator Guild Feature(s)
- 3 Managed Area Feature(s)
- 11 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 8 Wetland Feature(s)
- 2 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)
- 2 Target Local Watershed Feature(s)

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

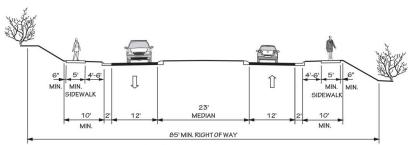
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 5% and 15% identify as Hispanic and Latino

Typical Section Options:

None

TYPICAL SECTION No. 21

2 LANE DIVIDED (23' RAISED MEDIAN) WITH CURB & GUTTER AND SIDEWALKS



POSTED SPEED 25-45 MPH

- 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
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% 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