

**I-42 (Future I-42 (Havelock to Morehead City)) Upgrade**

From Future I-42/US 70 (Havelock Bypass) to SR 1147(McCabe Rd)

Local ID: **CART20015-H**

Purpose: **Mobility**

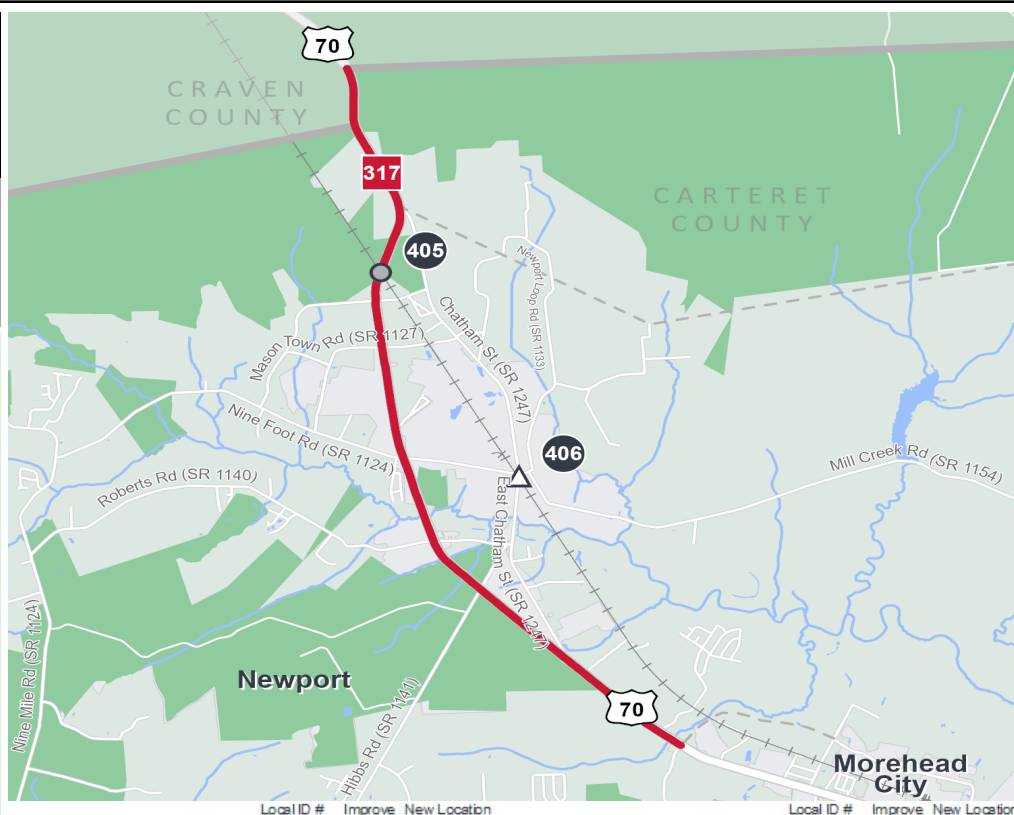
Improvement: **Improve Existing**

**Identified Need**

U.S. 70 is one of the primary east-west corridors across eastern North Carolina. In 2016, the N.C. Department of Transportation received conditional approval to designate U.S. 70 between Raleigh and Morehead City as the future Interstate 42. The route must be upgraded to interstate standards first.

**Recommendation**

CART20015-H is to upgrade the current roadway to freeway standards.



Congestion / Mobility



Interchange



Access Management / Operations



Bridge / Overpass



Modernization



Intersection



Other

**Proposal At A Glance**

Highway Class	Congestion & Mobility
Facility Type	Freeway
Typical Section	06 C
Section Options	-
Length (miles)	7.70
Existing ROW (feet)	130
Safety Risk Score	11-100

**Proposal Data: 2019 Base Year 2050 Future Year**

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Boulevard	Boulevard	Freeway
Travel Lanes	4	4	6
Volume (vpd)	25000-33500	30000-39000	23600-39000
Capacity (vpd)	34300-49000	34300-49000	66900-67900

**Capacity Data: Year**

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

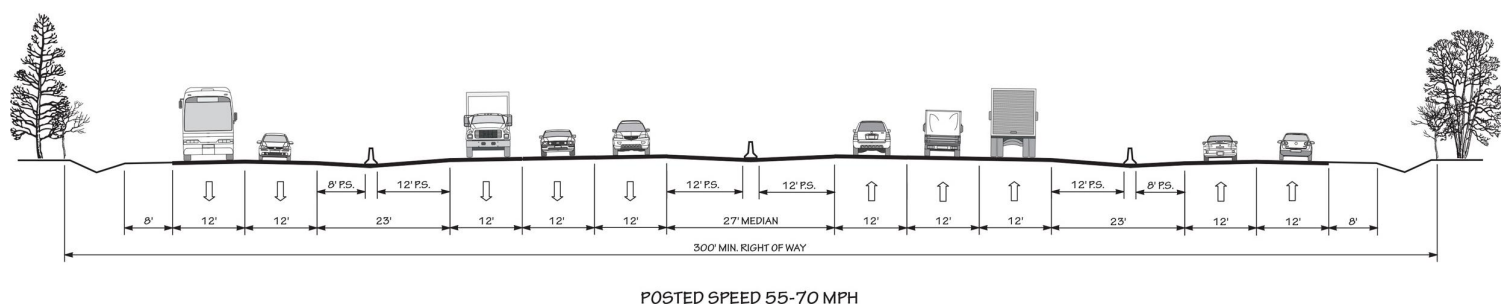


**Typical Section Options:**

None

**TYPICAL SECTION No. 6C**

6 LANE FREEWAY (27' MEDIAN WITH JERSEY BARRIER) WITH PAVED SHOULDERS  
AND 2 LANE ONE-WAY SERVICE ROADS EACH SIDE

**Project History/Linkage to Other Plans**

This project is listed in SPOT (H230309).

U.S. 70 is one of the primary east-west corridors across eastern North Carolina. It is a major connection between Raleigh, Smithfield, Goldsboro, Kinston, Havelock and the Port of Morehead City.

The corridor is heavily used for moving freight, and is just a few miles south of the North Carolina Global TransPark. It also provides vital connections to two military bases just off the highway.

The corridor is also a major hurricane evacuation route, and a popular way for travelers to reach the Crystal Coast beaches during the summer.. Traffic volumes vary along the corridor but are highest around Clayton and Goldsboro.

The U.S. 70 Corridor plays an important role as part of the National Highway System and the Strategic Highway Network. It's also a North Carolina Strategic Transportation Corridor and is an important link to and from rural areas.

In 2016, the N.C. Department of Transportation received conditional approval from the American Association of State and Transportation Officials to designate U.S. 70 between Raleigh and Morehead City as the future Interstate 42. The route must be upgraded to interstate standards first.

**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 30 comments as pins during the online survey. The main concerns were bike and pedestrian needs and maintenance.

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

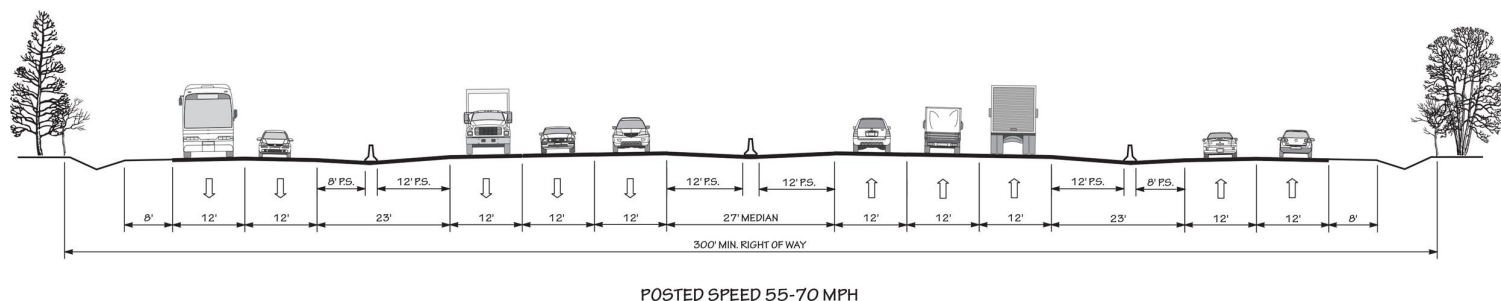
- 1 Anadromous Fish Spawning Area Feature(s)
- 52 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 13 Flood Hazard Area Feature(s)
- 4 Gameland Feature(s)
- 1 Impaired Waters Line Feature(s)
- 7 Landscape Habitat Indicator Guild Feature(s)
- 1 Major River Feature(s)
- 2 Managed Area Feature(s)
- 11 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 46 Wetland Feature(s)
- 9 River And Stream Feature(s)

**Typical Section Options:**

None

**TYPICAL SECTION No. 6C**

6 LANE FREEWAY (27' MEDIAN WITH JERSEY BARRIER) WITH PAVED SHOULDERS  
AND 2 LANE ONE-WAY SERVICE ROADS EACH SIDE



- 6 Lake And Pond Feature(s)
- 1 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 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
- Between 1% and 5% identify as Some Other Race
- Between 5% and 10% 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