

US 70 Improvements near Morehead City

From SR 1602 (N 35th St) to SR 1147 (McCabe Rd)

Local ID: CART20031-H

Purpose: Congestion

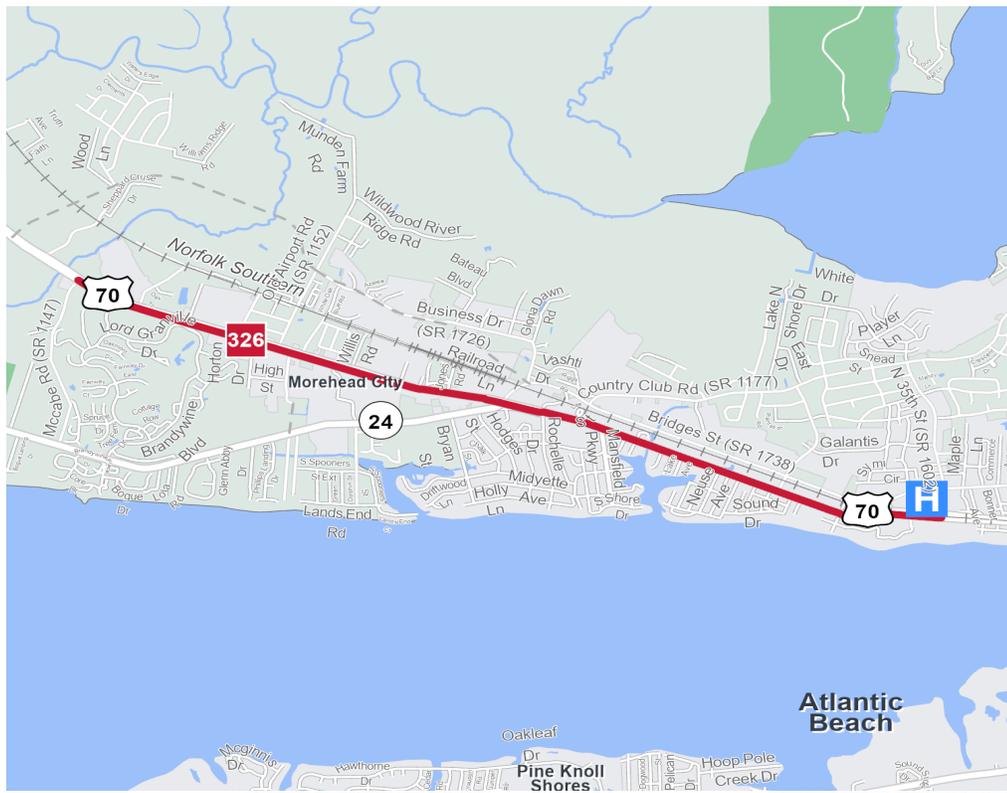
Improvement: Improve Existing

Identified Need

US 70 is 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. Town of Morehead City expressed concern with safety here.

Recommendation

Redesign the corridor by providing reduced conflict intersections and improvements to access management, superstreet. Add separated multiuse path.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Expressway
Typical Section	04 A
Section Options	-
Length (miles)	5.00
Existing ROW (feet)	60-260
Safety Risk Score	44-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Boulevard	Boulevard	Expressway	
Travel Lanes	4	4	4	
Volume (vpd)	28000-36000	34600-51000	25400-48000	
Capacity (vpd)	24300-47500	24300-47500	47500	

Capacity Data: Year

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

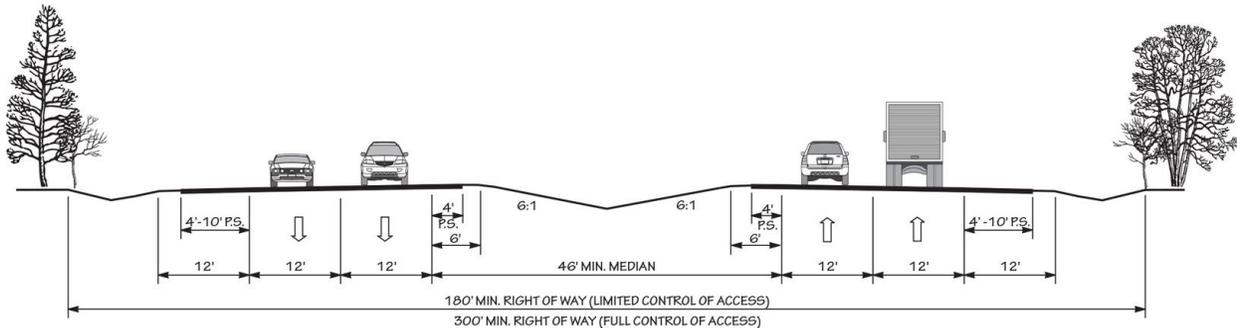


Typical Section Options:

TYPICAL SECTION No. 4A

None

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



POSTED SPEED 45-70 MPH

Project History/Linkage to Other Plans

A portion of this recommendation was included as boulevard needs improvement in the 2014 Carteret County CTP.

This project is directly related to the Bridges St Extension project (R-5727) and projects CART40033-H and CART20015-H.

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 15 comments as pins during the online survey. The main concerns were congestion, maintenance, accidents, and bike needs.

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

- 1 Benthic Habitat Feature(s)

- 5 Colonial Waterbird Nesting Site Feature(s)
- 6 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 9 Flood Hazard Area Feature(s)
- 2 Hazard Substance Disposal Site(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 9 Natural Heritage Element Occurrence Feature(s)
- 8 Wetland Feature(s)
- 10 River And Stream 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:

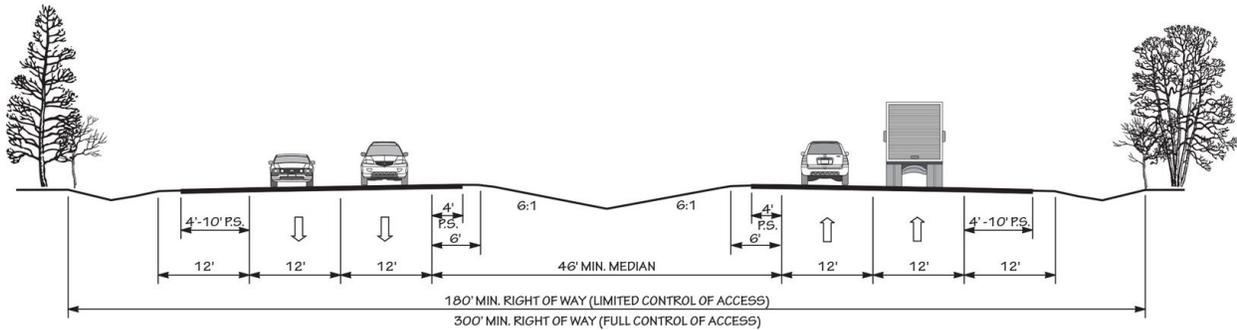
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0%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

Typical Section Options:

TYPICAL SECTION No. 4A

None

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



POSTED SPEED 45-70 MPH

- 0% identify as Native American
- 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 15% and 20% identify as Households with No Car