

US 70 Improvements along the Outer Banks National Scenic Byway

Along US 70

Local ID: **CART10037-H**

Purpose: **Facility Deficiencies**

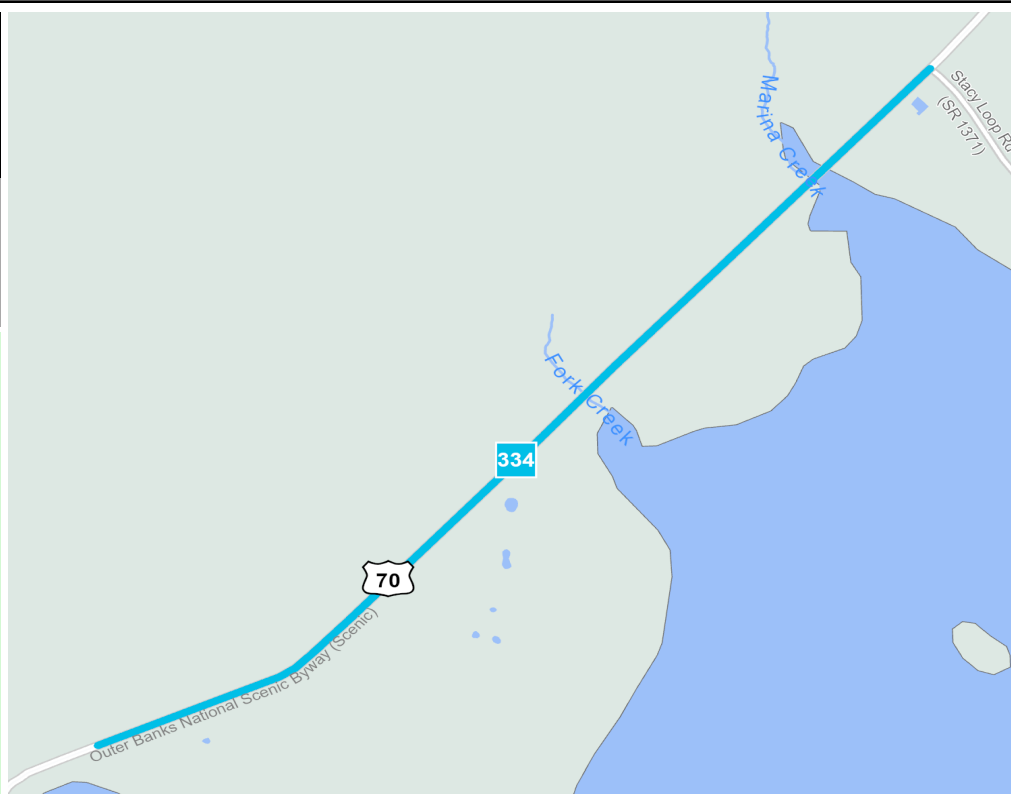
Improvement: **Improve Existing**

Identified Need

There is a need to upgrade this area due to resiliency concerns, and to improve the safety and operations.

Recommendation

This recommendation is to widen the existing shoulders to accommodate a vehicle breakdown, rip rap the slopes, and install guardrail.



Local ID #	Improve	New Location	Local ID #	Improve	New Location
Congestion / Mobility	#	Interchange	#	Interchange	
Access Management / Operations	#	Bridge / Overpass	#	Bridge / Overpass	
Modernization	#	Intersection	#	Intersection	
Other	#		#		

Proposal At A Glance

Highway Class	Modernization
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	1.70
Existing ROW (feet)	100
Safety Risk Score	44.4

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	-	Major Thoroughfare 2-lane
Travel Lanes	2	-	2
Volume (vpd)	2800	3800	3700
Capacity (vpd)	16400	16400	16400

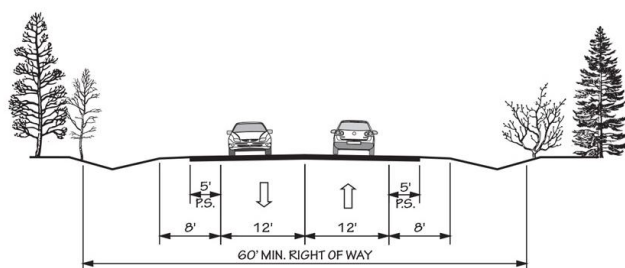
Capacity Data: Year

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



Typical Section Options:

None

TYPICAL SECTION No. 2A**2 LANE UNDIVIDED WITH PAVED SHOULDERS**

POSTED SPEED 55 MPH

Project History/Linkage to Other Plans

This area was brought to the division as an area of concern from the citizens and as an area where better resiliency is needed.

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. This project examines resiliency concerns along US 70 to improve the safety and operations of the roadway and provide a safer and more secure transportation system.

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 6 comments as pins during the online survey mentioning flooding concerns.

Other Information**Environmental Data**

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

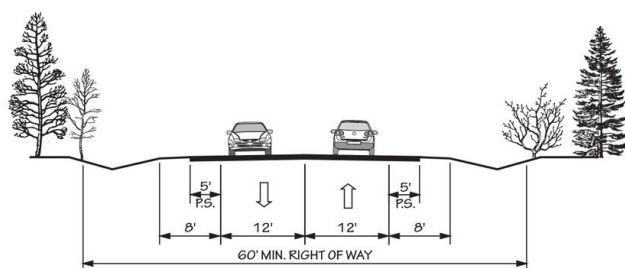
- 9 Benthic Habitat Feature(s)
- 7 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 1 Fish Nursery Area Feature(s)
- 5 Flood Hazard Area Feature(s)
- 2 High Quality And Outstanding Resource Water Feature(s)
- 2 Impaired Waters Line Feature(s)
- 2 Impaired Waters Polygon Feature(s)
- 2 Major River Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 16 Wetland Feature(s)
- 20 River And Stream Feature(s)
- 7 Lake And Pond Feature(s)
- 2 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
- 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

Typical Section Options:

None

TYPICAL SECTION No. 2A**2 LANE UNDIVIDED WITH PAVED SHOULDERS**

POSTED SPEED 55 MPH

- 0% identify as Native American
- Between 1% and 5% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

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