

SR 1738 (Bridges St) Improvements

From SR 1605 (Friendly Rd) to SR 1177
(Country Club Rd)

Local ID: **CART30034-H**

Purpose: **Congestion**

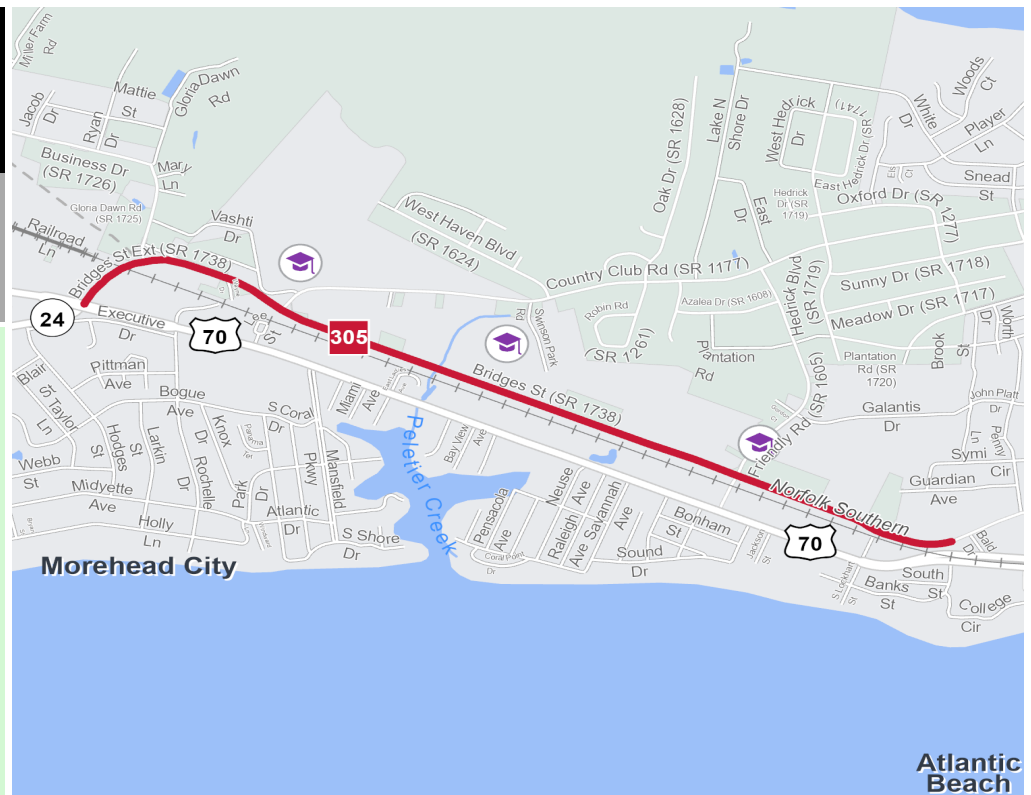
Improvement: **Improve Existing**

Identified Need

This area is projected to be over capacity in 2050. Improvements are needed to accommodate current and projected traffic volumes such that the LOS D can be achieved.

Recommendation

This recommendation includes widening to a 4-lane median-divided facility with curb and gutter, wide outside travel lanes, and sidewalks on some segments.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	...	Interchange	⊙	□	■
Access Management / Operations	#	—	...	Bridge / Overpass	⊙	○	●
Modernization	#	—	...	Intersection	⊙	∠	▲
Other	#	—	...				

Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 D
Section Options	-
Length (miles)	2.30
Existing ROW (feet)	100
Safety Risk Score	22-44

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Boulevard
Travel Lanes	4	4	4
Volume (vpd)	18000-25000	25500-37300	20500-36500
Capacity (vpd)	22200-28100	22200-28100	28100

Capacity Data: Year

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

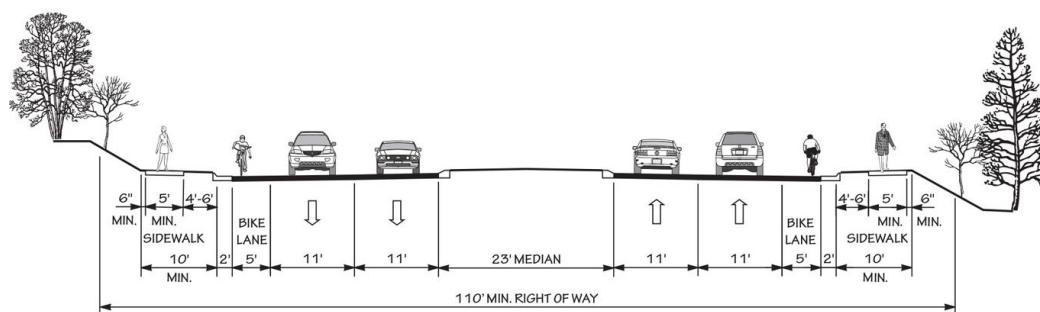


Typical Section Options:

None

TYPICAL SECTION No. 4D

4 LANE DIVIDED (23' RAISED MEDIAN) WITH CURB & GUTTER,
BIKE LANES, AND SIDEWALKS



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

The 2014 CTP included part of this segment as other major thoroughfare needs improvement. The US 70 improvements, R-5727 (Bridges St Extension), and the Country Club Rd improvements are all related to this project.

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, accidents, and bicycle and pedestrian needs.

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

- 1 Colonial Waterbird Nesting Site Feature(s)
- 7 Coastal Region Evaluation Of Wetland Significance Feature(s)

- 4 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Site(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 2 Managed Area Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 7 Wetland Feature(s)
- 4 River And Stream Feature(s)
- 2 Protected Area Feature(s)
- 1 Target Local Watershed Feature(s)

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

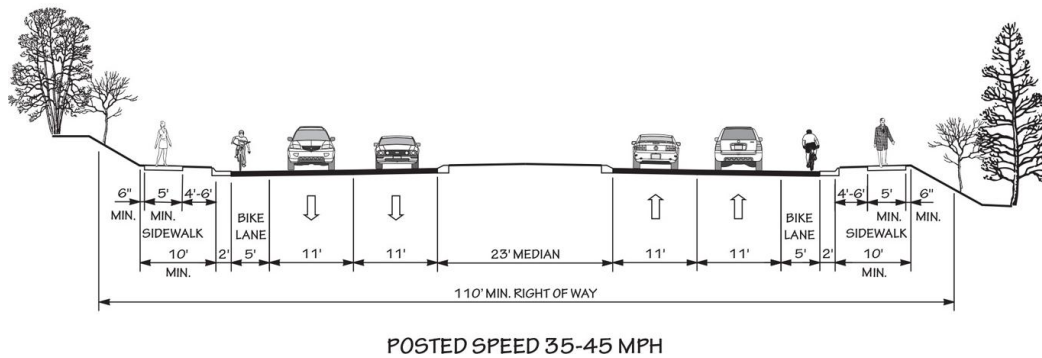
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 5% and 15% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Two of More Races

Typical Section Options:

None

TYPICAL SECTION No. 4D

4 LANE DIVIDED (23' RAISED MEDIAN) WITH CURB & GUTTER,
BIKE LANES, AND SIDEWALKS



- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car