

## Intersection Before Atlantic Beach Bridge Improvements

From Bridges St to the Atlantic Beach Bridge

Local ID: **CART40035-H**

Purpose: **Congestion**

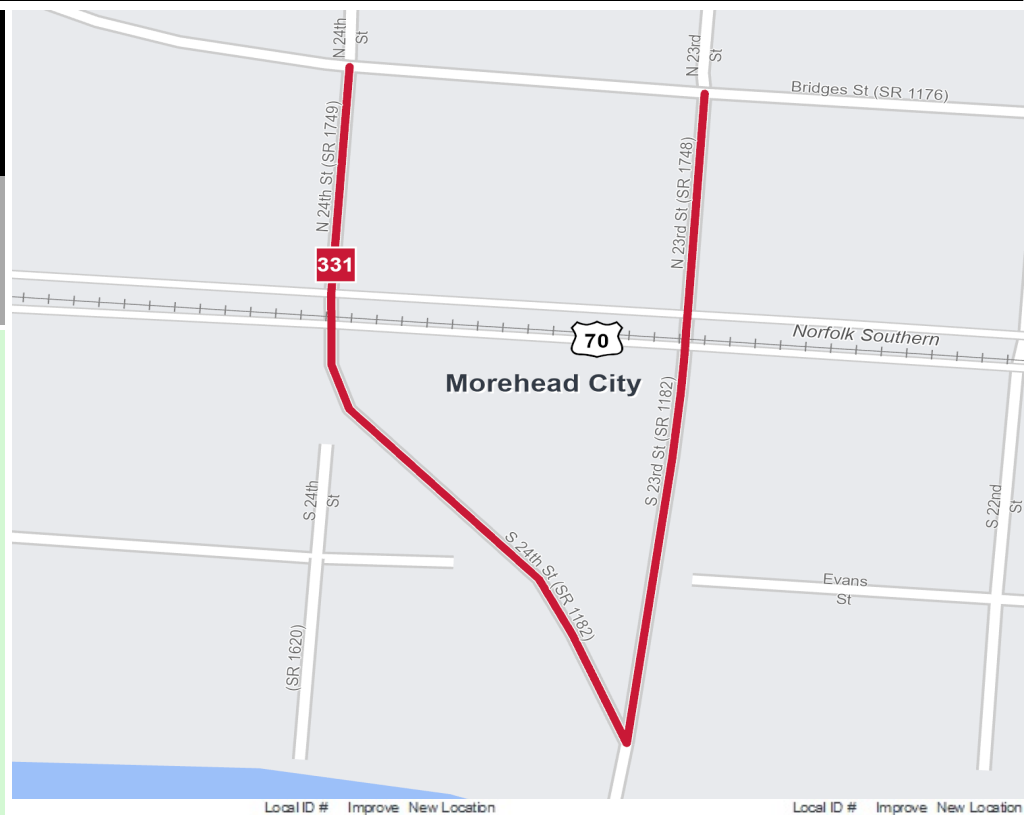
Improvement: **Improve Existing**

### Identified Need

This road is currently near capacity and 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. The multiuse additions will help provide a route for citizens to walk on.

### Recommendation

The recommendation is to improve this intersection as well as add sidewalks with an underpass on Evans St.



## Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Minor Thoroughfare
Typical Section	04 K
Section Options	-
Length (miles)	0.38
Existing ROW (feet)	40-100
Safety Risk Score	45-78

## Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	4
Volume (vpd)	4500-15500	5000-17100	7000-24000
Capacity (vpd)	10500-14000	10500-14000	14000

## Capacity Data: Year

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

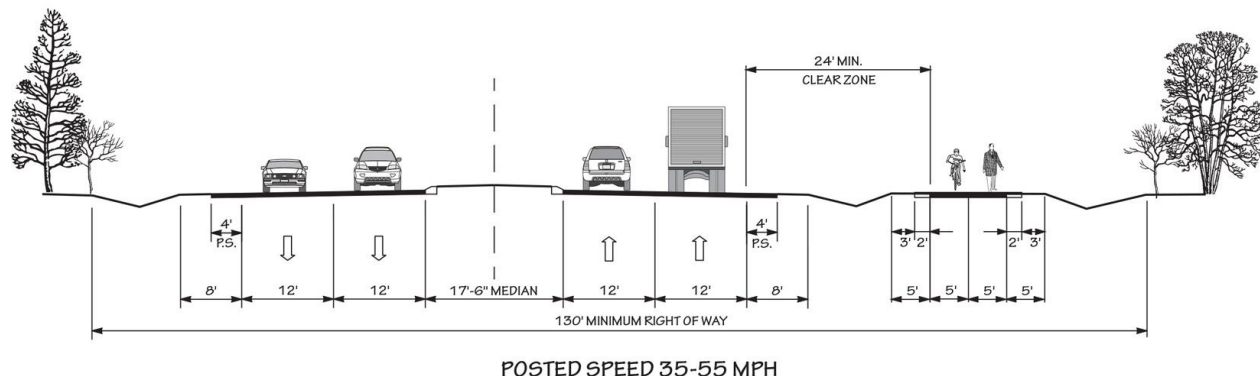


**Typical Section Options:**

None

**TYPICAL SECTION No. 4K**

4 LANE DIVIDED (17'-6" RAISED MEDIAN)  
WITH PAVED SHOULDERS AND SIDEPATH

**Project History/Linkage to Other Plans**

This area was discussed with the Town of Morehead City as an area of concern.

**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. The Town of Atlantic Beach Bike and Ped Plan also includes a multi-use path here.

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

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

- 2 Benthic Habitat Feature(s)
- 1 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)

- 1 Impaired Waters Line Feature(s)
- 1 Impaired Waters Polygon Feature(s)
- 1 Major River Feature(s)
- 1 Managed Area Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 2 Wetland Feature(s)
- 1 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Submerged Aquatic Vegetation Feature(s)
- 1 Target Local Watershed Feature(s)

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

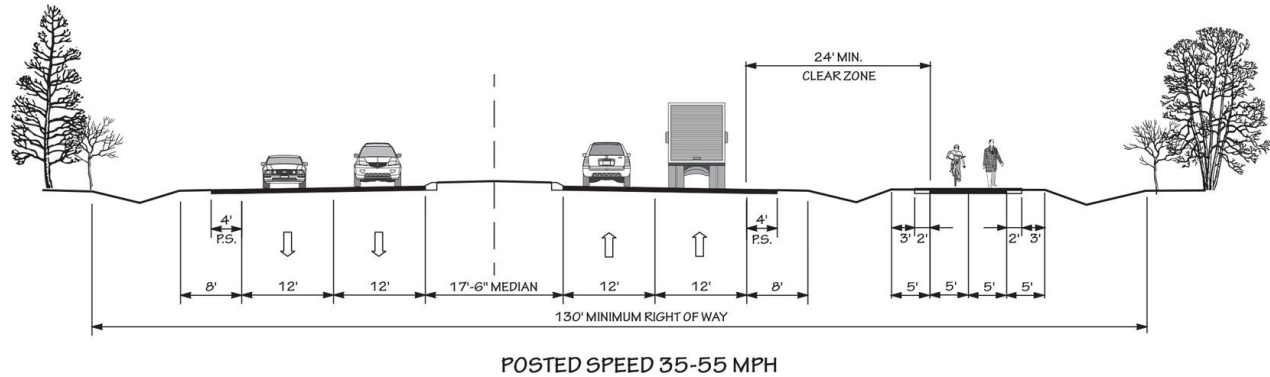
- Between 0% and 25% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 1% and 5% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as 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
- 0% identify as Native American

**Typical Section Options:**

None

**TYPICAL SECTION No. 4K**

4 LANE DIVIDED (17'-6" RAISED MEDIAN)  
WITH PAVED SHOULDERS AND SIDEPATH



- 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