

**SR 1738 (Bridges St) Intersection Improvement**

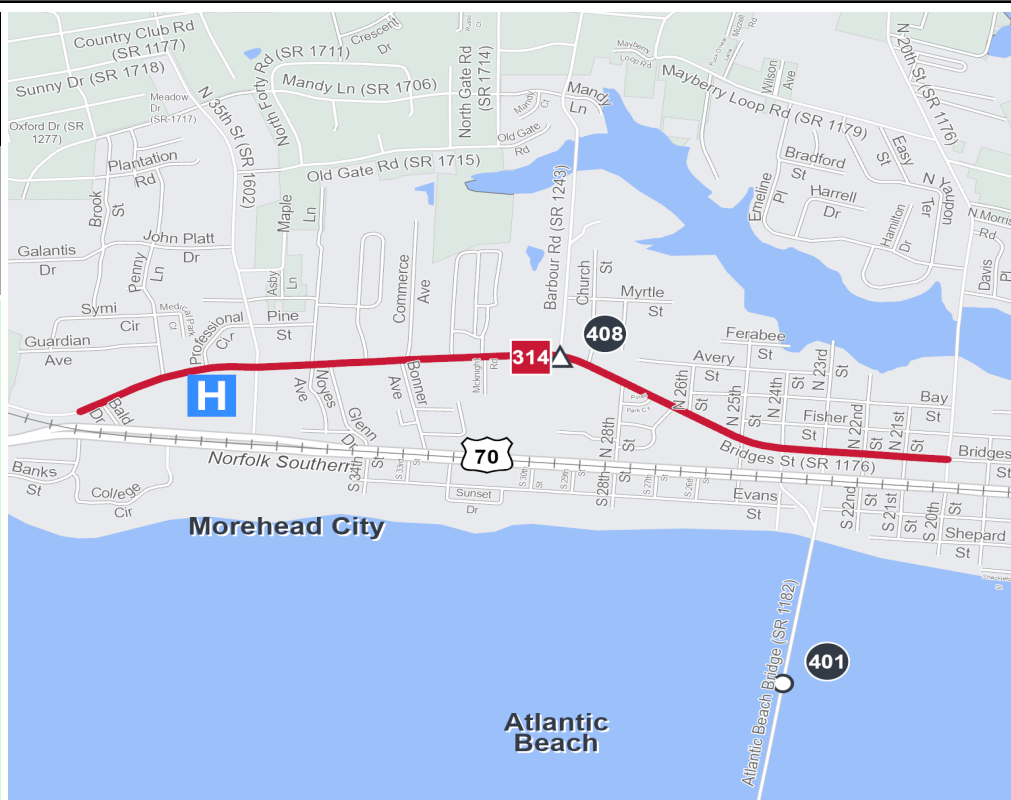
From Friendly Rd to 20th St

Local ID: **CART40013-H**Purpose: **Safety**Improvement: **Improve Existing****Identified Need**

The segment is projected to be over capacity by 2050. Improvements are needed to accommodate projected traffic volumes such that a minimum 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 sidewalk.



|                                | 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)      | 1.80                  |
| Existing ROW (feet) |                       |
| Safety Risk Score   | 11-100                |

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

| Improved Route        | Existing           | Without Proposal   | With Proposal |
|-----------------------|--------------------|--------------------|---------------|
| <b>Facility Type</b>  | Minor Thoroughfare | Minor Thoroughfare | Boulevard     |
| <b>Travel Lanes</b>   | 3                  | 3                  | 4             |
| <b>Volume (vpd)</b>   | 15000-18500        | 16900-26500        | 19100-23200   |
| <b>Capacity (vpd)</b> | 12700-17500        | 12700-17500        | 28100         |

**Capacity Data:** Year

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

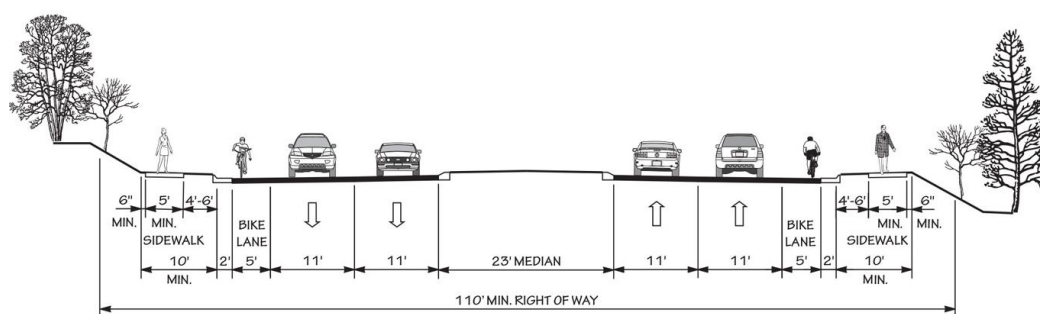


**Typical Section Options:**

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 includes this segment as other major thoroughfare needs improvements.

This project is closely related to project CART30034-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. 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 area had 22 comments which expressed concern with congestion, transit, and bike and pedestrian needs.

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

- 4 Coastal Region Evaluation Of Wetland Significance Feature(s)

- 1 High Quality And Outstanding Resource Water Feature(s)
- 2 Managed Area Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 1 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
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car