

### N.C. 179 BUS

From N.C. 179 to N.C. 904 (Seaside Road)

Local ID: BRUN30020-H

Purpose: Access

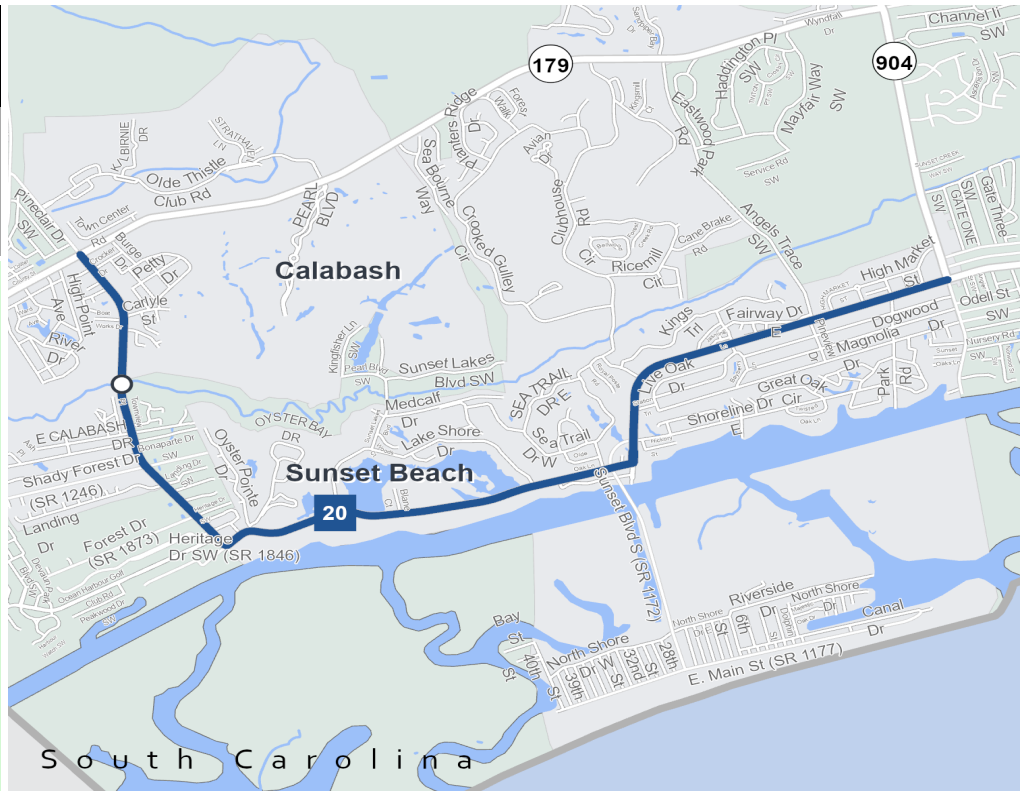
Improvement: Improve Existing

#### Identified Need

FY projections show that portions of this road will exceed capacity. However, access for cyclists and pedestrians on this road is the primary goal and is in support of ECG Plan.

#### Recommendation

The proposal is to address capacity, enhance safety, and make access management improvements along NC 179 BUS. This route is on the East Coast Greenway Plan and a multi-use path is being recommended from NC 179 to SR 1112 (Sunset Blvd S).



### Proposal At A Glance

Highway Class	Access Management & Operation
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 N
Section Options	2M
Length (miles)	5.40
Existing ROW (feet)	60-120
Safety Risk Score	56

Proposal Data:	2017 Base Year		2045 Future Year	
	Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare	Major Thoroughfare	Major Thoroughfare	Major Thoroughfare
Travel Lanes	2-lane	2-lane	2-lane	2-lane
Volume (vpd)	520-8070	1200-13300	1200-13300	3400-13200
Capacity (vpd)	10700-14000	10700-14000	10700-14000	10700-12800

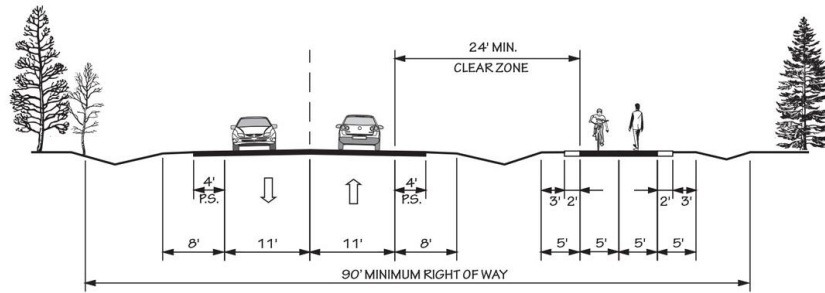
Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2045
Facility will be Over Capacity (>=100%)	2045



Typical Section Options:

# TYPICAL SECTION No. 2N

2M  
2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 25-45 MPH

### Project History/ Linkage to Other Plans

This project proposal is not listed in any previous CTP or MTP.

Multi-use path along NC 179 Business/Shoreline Drive W from NC 179 to SR 1112 (Sunset Blvd S). This route is along the East Coast Greenway Plan and therefore is being recommended as a multi-use lane on east side of NC 179 Bus and north side of Shoreline Drive W. Refer to the adopted 2009 Sunset Beach Bicycle Plan and East Coast Greenway Plan for further information.

### CTP Goal Analysis

This project supports the following goals and objectives:

**Goal:** Create a more efficient transportation system through improved connectivity, capacity and operations.

**Objectives:** Promote reductions in recurring congestion through transportation capacity, access management, and policy improvements.

### Vision Goals & Objectives Survey

There were 3 comments for this roadway in the Brunswick County CTP survey. One comment indicated that this roadway is heavily used by bicyclists and requested a bike lane or extra shoulder. The other two comments were in favor of adding a multi-use path. The survey was launched on March 10, 2021, and closed on June 11, 2021. There was an English and Spanish version of the survey. A total of 6,969 survey participants created a total of 8,387 comments.

### Potential Impacts

**Land Use:** Based on the Town of Sunset Beach 2017 land use plan, there is a mix of single family residential, recreational, vacant land along the existing facility. The roadway upgrade is recommended due to the mixed landuse.

### Additional Information - Environmental

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

- 1 Ambient Water Quality Monitoring Site(s)
- 14 Benthic Habitat Feature(s)
- 6 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 4 Fish Nursery Area Feature(s)
- 24 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 2 Impaired Waters Line Feature(s)
- 2 Impaired Waters Polygon Feature(s)
- 1 Landscape Habitat Indicator Guild Feature(s)
- 3 Managed Area Feature(s)
- 24 Natural Heritage Element Occurrence Feature(s)
- 2 Natural Heritage Natural Area Feature(s)
- 20 Wetland Feature(s)
- 8 River And Stream Feature(s)
- 9 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)
- 2 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

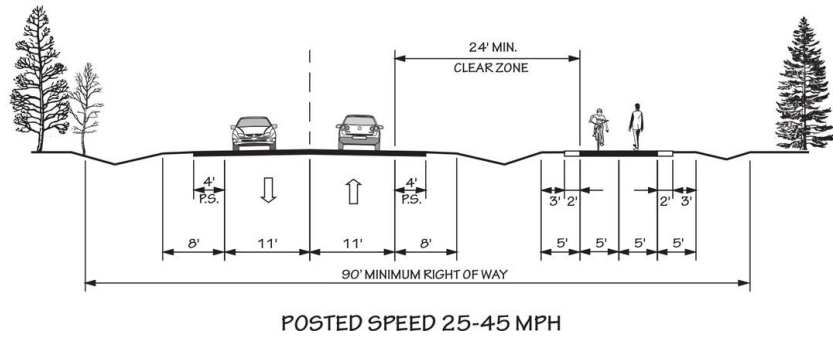
### Additional Information - Title VI

- Between 50% and 100% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian

Typical Section Options:  
2M

# TYPICAL SECTION No. 2N

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- 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
- 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
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car