

U.S. 17 BUS (Old Ocean Hwy)

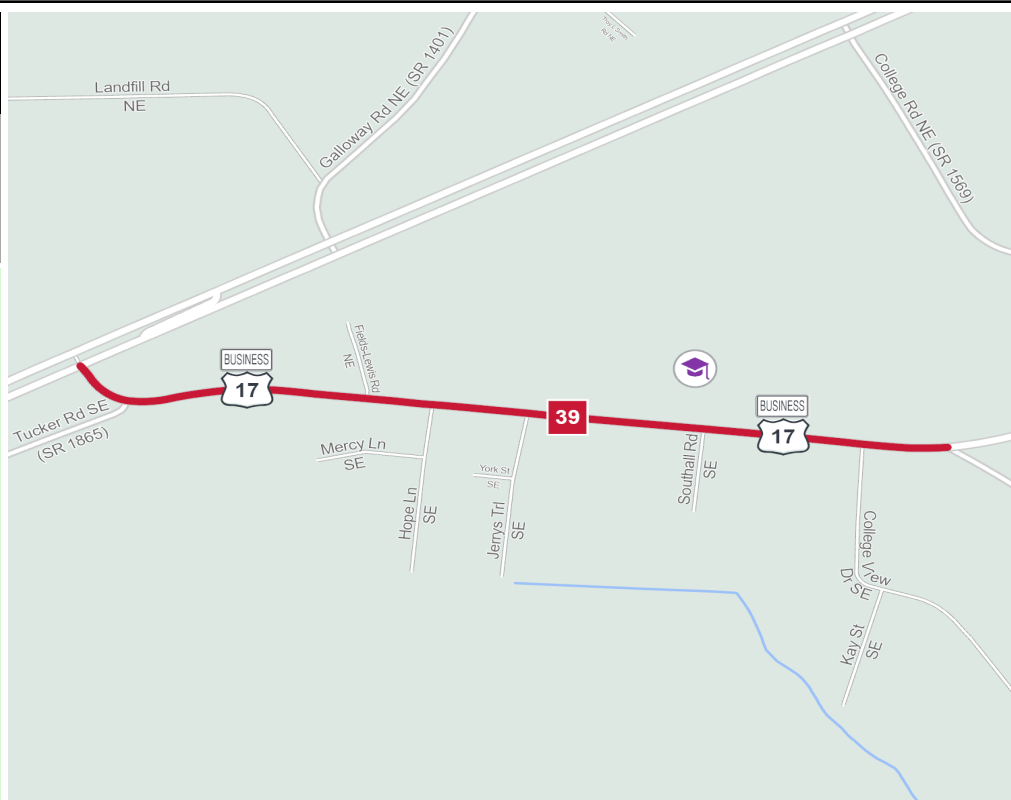
From U.S. 17 to SR 1501 (Gilbert Road)

Local ID: **BRUN20039-H**Purpose: **Congestion**Improvement: **Improve Existing****Identified Need**

The main identified need of the roadway is congestion. The roadway is approaching capacity in future year (FY).

Recommendation

The recommendation is to widen US 17 Old Ocean Hwy to 4 lanes from US 17 to SR 1501 (Gilbert Rd). The road is currently 2 lanes. This route includes school/daycare, church and health care facilities. A sidewalk is also being recommended to increase connectivity between these facilities.



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	Major Thoroughfare Multi-lane
Typical Section	04 B
Section Options	-
Length (miles)	0.85
Existing ROW (feet)	60-180
Safety Risk Score	-

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
<i>Travel Lanes</i>	2	2	4
<i>Volume (vpd)</i>	7549	20600	23000
<i>Capacity (vpd)</i>	15900	32800	32800

Capacity Data: Year

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

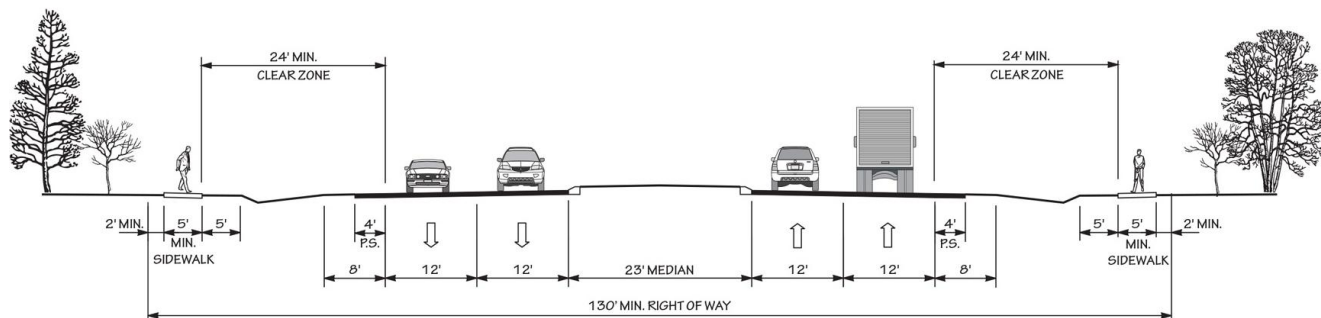


Typical Section Options:

None

TYPICAL SECTION No. 4B

4 LANE DIVIDED (23' RAISED MEDIAN) WITH PAVED SHOULDERS
AND SIDEWALKS



POSTED SPEED 35-55 MPH

Project History/Linkage to Other Projects

Sidewalk proposal along US 17 Business from US 17 to Gilbert Road. This route includes school/day care, church and healthcare facilities. A sidewalk is being recommended to increase connectivity between these facilities.

CTP Goal Analysis

This project supports the following goals and objectives:

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

Objective: Limit expansion of the roadway network to the most necessary projects that best address identified issues.

Vision Goals & Objectives Survey

There were no comments for this particular project in the Brunswick County CTP survey. 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 total participants created a total of 8,387 comments.

Potential Impact

Land Use/CUR: This is a roadway mostly used by students attending the Center of Applied Sciences and Technology. There are other businesses and churches on this route as well.

Additional Information - Environmental

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

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

- 1 River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

Additional Information - Title VI

- Between 0% and 25% 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
- 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
- Between 0% and 5% 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 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