

## Future I-87 Improvements to US 17

From the Chowan County line to the US 17 Bypass

Local ID: BERT20002-H

Purpose: Legislative Intent

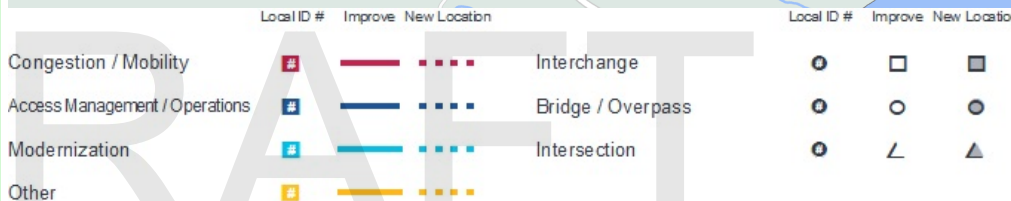
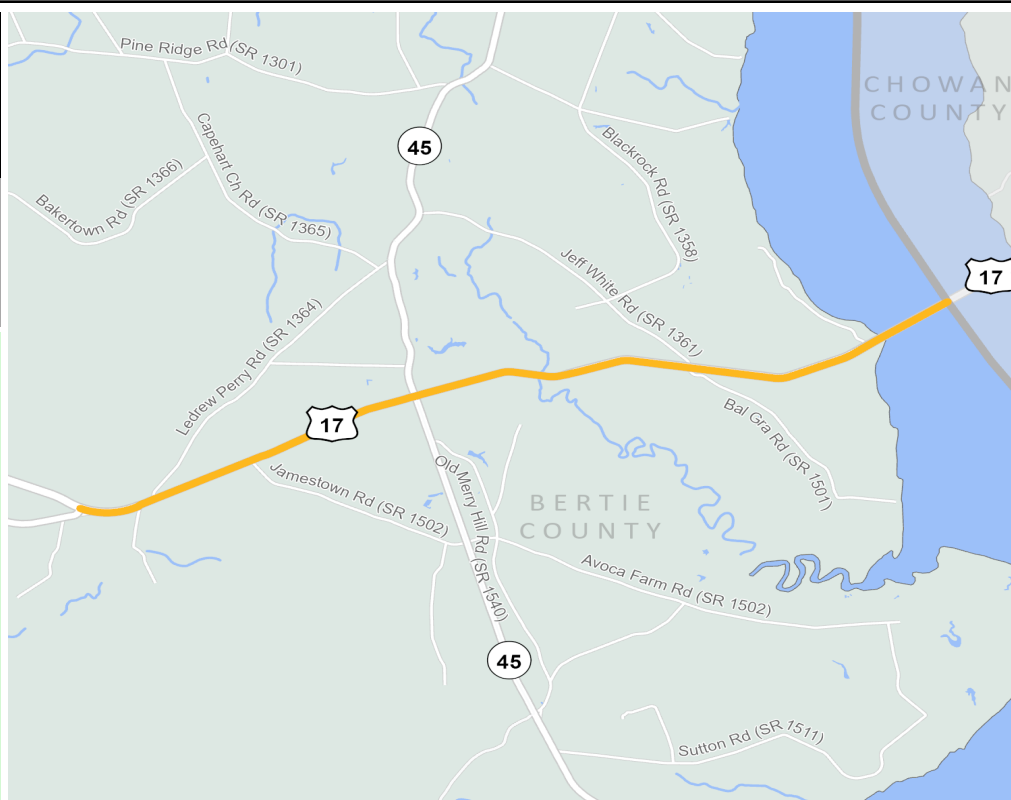
Improvement: Improve Existing

### Identified Need

The project is intended to improve mobility, connectivity, and encourage economic development between Raleigh, NC and Norfolk, VA. There is a desire to maintain mobility during flooding events because portions of the current roadway are below the 100 year flood elevations.

### Recommendation

Upgrade existing US 17 from a 4-lane divided roadway to interstate standards and designate as I-87.



### Proposal At A Glance

|                     |         |
|---------------------|---------|
| Highway Class       | Other   |
| Facility Type       | Freeway |
| Typical Section     | 04 A    |
| Section Options     | -       |
| Length (miles)      | 13.00   |
| Existing ROW (feet) | 50-230  |
| Safety Risk Score   | 11-56   |

### 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 | Freeway       |
| Travel Lanes   | 4                             | 4                             | 4             |
| Volume (vpd)   | 11500                         | 12100                         | 18100         |
| Capacity (vpd) | 30200                         | 30200                         | 62200         |

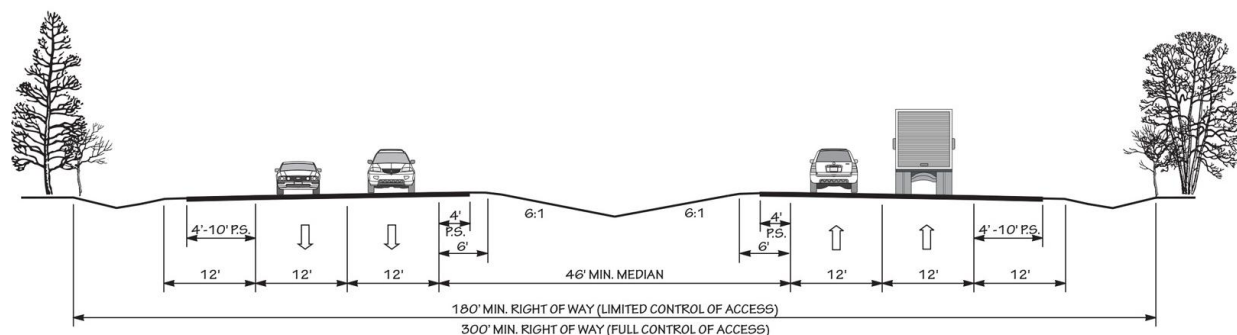
### Capacity Data: Year

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



**Typical Section Options:**

None

**TYPICAL SECTION No. 4A****4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS**

POSTED SPEED 45-70 MPH

**Project History/Linkage to Other Plans****Project History**

The plan recommends upgrading the roadway to interstate standards. On March 15, 2013, AASHTO received a modified request from NCDOT requesting the establishment of I-495 from I-440 to I-540 and Future I-495 from I-540 to I-95. It was approved, though needed an additional approval from the Federal Highway Administration (FHWA). On December 12, 2013, the proposed section was approved by the FHWA and was added to the interstate highway system. A feasibility study for the section between Williamston and the Virginia state line was completed in 2018. NCDOT maps show the Interstate roughly following the US 17 corridor between Williamston and South Mills.

**Linkage to Other Plans**

This project was documented in the 2012 Bertie County CTP as an area that needs improvement. This project was also included in the SPOT 7.0 (H141739) submittal.

**CTP Goal Analysis****Goals and Objectives Survey**

Goals discussed in early steering committee meetings that are on the official Goals and Objectives list include things such as 'providing an efficient transportation system', providing a transportation system that supports economic vitality', and 'providing a transportation system that includes resiliency for flooding events'. Upgrading this portion of the road helps achieve all of these goals.

**Public Input Survey**

The Bertie County Public Input survey showed that citizens wanted to see improved economic growth and better access. The majority of the citizens filling out the survey lived or spent most of their leisure time in Windsor connects to.

All environmental data in the database was considered.

This Project is within 150 feet of:

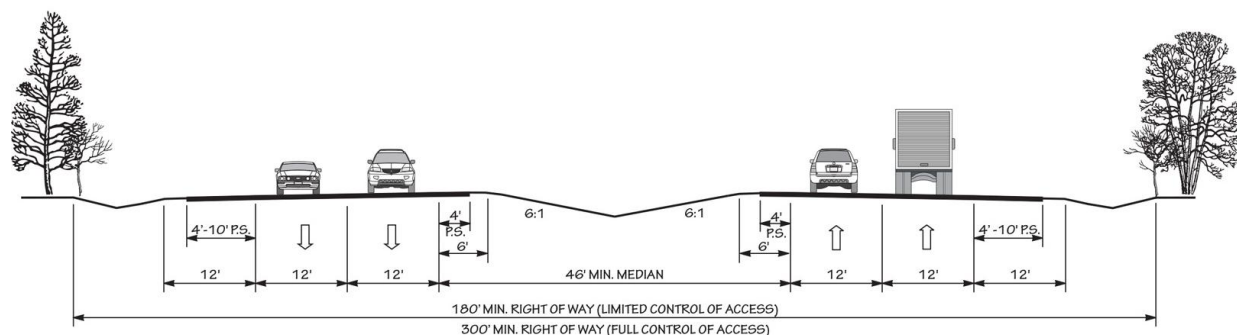
- 1 Ambient Water Quality Monitoring Site(s)
- 2 Anadromous Fish Spawning Area Feature(s)
- 1 Beach And Waterfront Access Feature(s)
- 15 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 37 Flood Hazard Area Feature(s)
- 4 Landscape Habitat Indicator Guild Feature(s)
- 1 Major River Feature(s)
- 2 Natural Heritage Natural Area Feature(s)
- 19 Wetland Feature(s)
- 7 River And Stream Feature(s)
- 5 Lake And Pond Feature(s)
- 1 Quality Monitored River And Stream 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 50% and 75% 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

**Typical Section Options:**

None

**TYPICAL SECTION No. 4A****4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS**

POSTED SPEED 45-70 MPH

- 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 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car