

NC 45 Road Widening

R-5809A Washington County line to US 17 at Midway and R-5809B US 17 at Midway to the city limits of Colerain

Local ID: R-5809

Purpose: **Modernization**

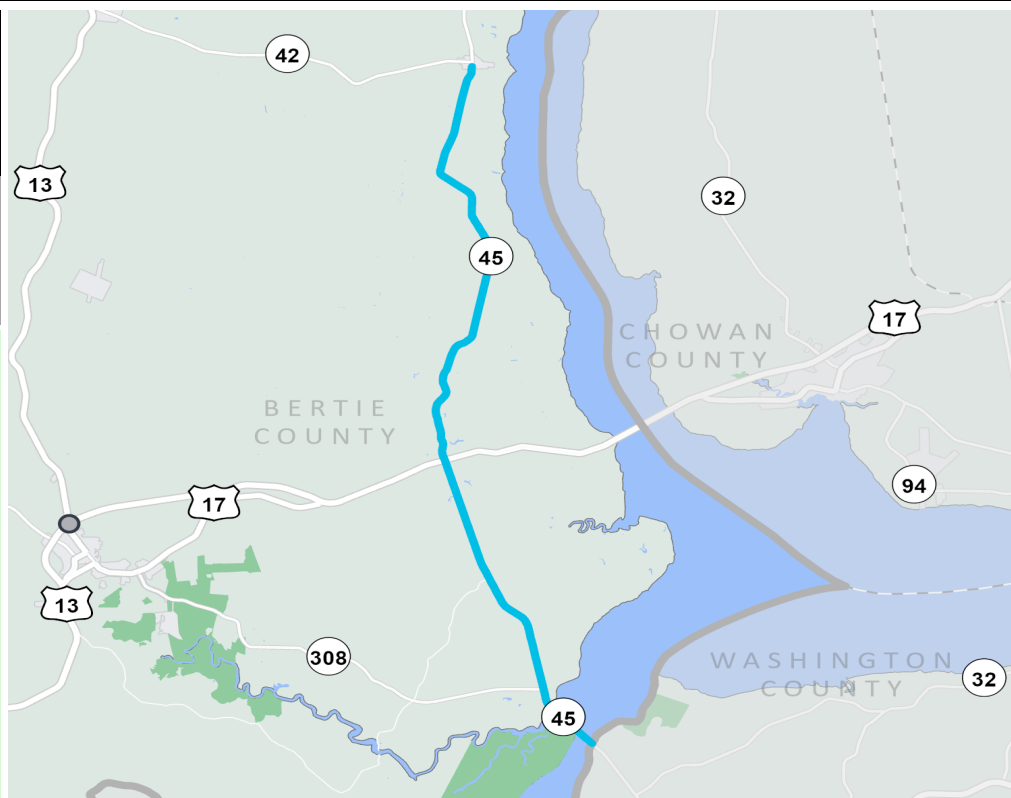
Improvement: **Improve Existing**

Identified Need

The project is intended to improve mobility, connectivity, and encourage economic development. There are resiliency needs at the southern end of NC 11 headed into Martin County, and intersection needs to help ease the flow of traffic at NC 308 and NC 11.

Recommendation

Upgrade NC 45 through the widening of the existing lanes and shoulders. This project has three segments, A, B, and C.



	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	Modernization
Facility Type	Freeway
Typical Section	04 A
Section Options	-
Length (miles)	22.00
Existing ROW (feet)	60-100
Safety Risk Score	22-44

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Freeway
Travel Lanes	2	2	4
Volume (vpd)	1400-3400	1500-3700	6000
Capacity (vpd)	15100	15100	62200

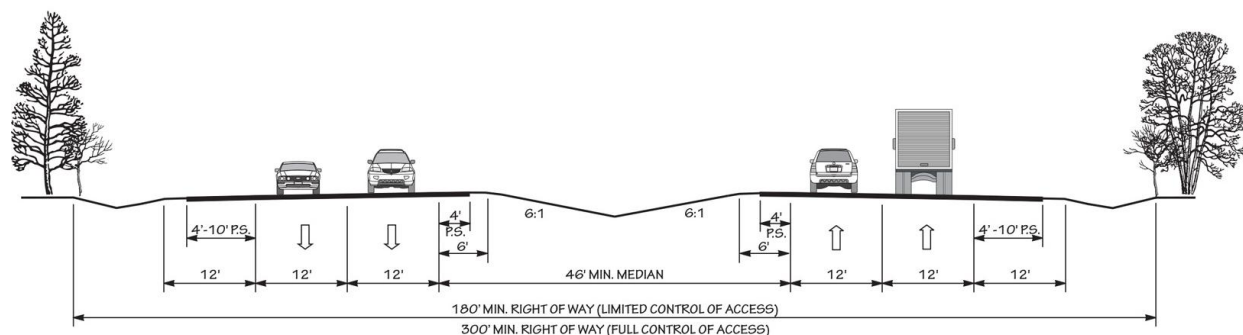
Capacity Data: Year

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

The plan recommends widening the roadway.

Linkage to Other Plans

This project was documented in the 2012 Bertie County CTP as an area that needs improvement.