### **I-95 Widening**

From I-95 Business/US 301 (Exit 40) to I-95 Business/US 301 (Exit 56)

Local ID: **H129200-D&E**;

Purpose: Congestion

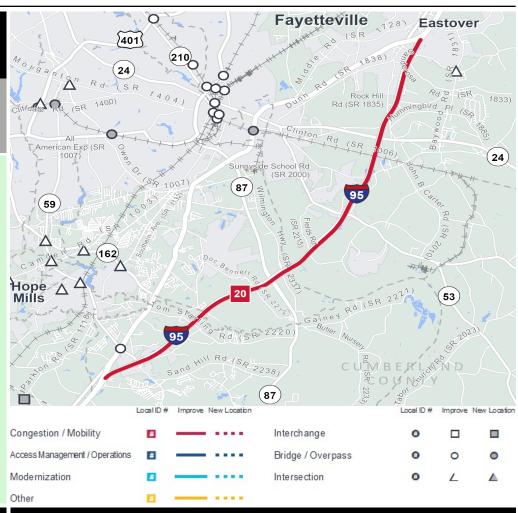
Improvement: Widening

#### **Identified Need**

I-95 is projected to be over capacity by year 2045. Improvements are needed to relieve congestion on the existing facility and accommodate projected traffic volumes such that a minimum of Level of Service (LOS) D can be achieved.

#### Recommendation

This project, I-95 From US 301 (Exit 40) to North of I-95 Business/US 301 (Exit 56) is to widen I-95 to eight lanes. It is a Statewide Mobility project that assists with congestion and mobility.



Proposal At A Glance			
Highway Class	Congestion & Mobility		
Facility Type	Freeway		
Typical Section	08 A		
Section Options	08 B		
Length (miles)	15.00		
Existing ROW (feet)	175-225		
Safety Risk Score	78		

Proposal Data:	2018 Base Year	2045 Future Year	
Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Freeway	Freeway	Freeway
Travel Lanes	4	4	8
Volume (vpd)	45500-60000	62300-82600	62900-85600
Capacity (vpd)	62400-62800	62400-62800	126900-127900

Capacity Data:	<u>Year</u>
Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-



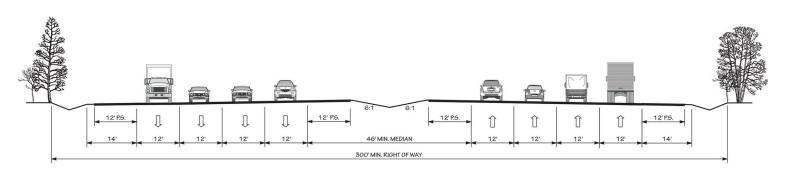
Project Sheets 08/25/2023

### **Typical Section Options:**

08 B

### TYPICAL SECTION No. 8A

8 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS



POSTED SPEED 45-70 MPH

### Project History/Linkage to Other Plans

Planning and development are underway to widen approximately 15 miles of I-95 to eight lanes south of Fayetteville between exit 40 and exit 56.

# CTP Goal Analysis

#### Vision, Goals, & Objectives

An important part of the local, regional, state and national transportation systems, I-95 serves commerce, residential populations, the tourism sector, the military, school systems and medical centers, among other institutions. The interstate is also part of North Carolina's hurricane evacuation route system.

The N.C. Department of Transportation will split the work into two design-build contracts, which is an alternative way to complete a project. After a contract is awarded the design will be finalized and the right of way acquisition completed before construction begins.

# **Potential Impacts**

#### Natural & Human Environmental Context

H129200-D&E; overlaps targeted local watersheds, NC CREWS, National wetlands rivers and streams, and heritage sites.

### Additional Information - Environmental

This project is within 150 feet of:

- Ambient Water Quality Monitoring Site(s)
- Anadromous Fish Spawning Area(s)
- Major River(s)
- River(s) and Stream(s)

- River(s) and Stream(s)-NCIR
- NC CREWS (North Carolina Coastal Region Evaluation of Wetland Significance) Area(s)
- Flood Hazard Area(s)
- Land Habitat Indicator Guild(s)
- National Wetlands Area(s)
- Targeted Local Watershed Area(s)
- State Park(s)
- National Heritage Significant Area(s)
- Waterbody(ies)

# Additional Information - Title VI

This recommendation passes through one or more Census Blocks with the following characteristics:

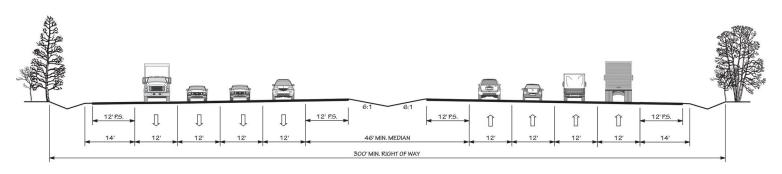
- Between 50% and 75% identify as African American
- Between 0% and 25% identify as 65+
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- Between 0% and 15% identify as Native American

### **Typical Section Options:**

08 B

# TYPICAL SECTION No. 8A

8 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS



POSTED SPEED 45-70 MPH

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