

Ramsey St Widening

From NC 24/210 (Grove Street) to Martin Luther King Jr. Freeway

Local ID: U-4403

Purpose: Congestion

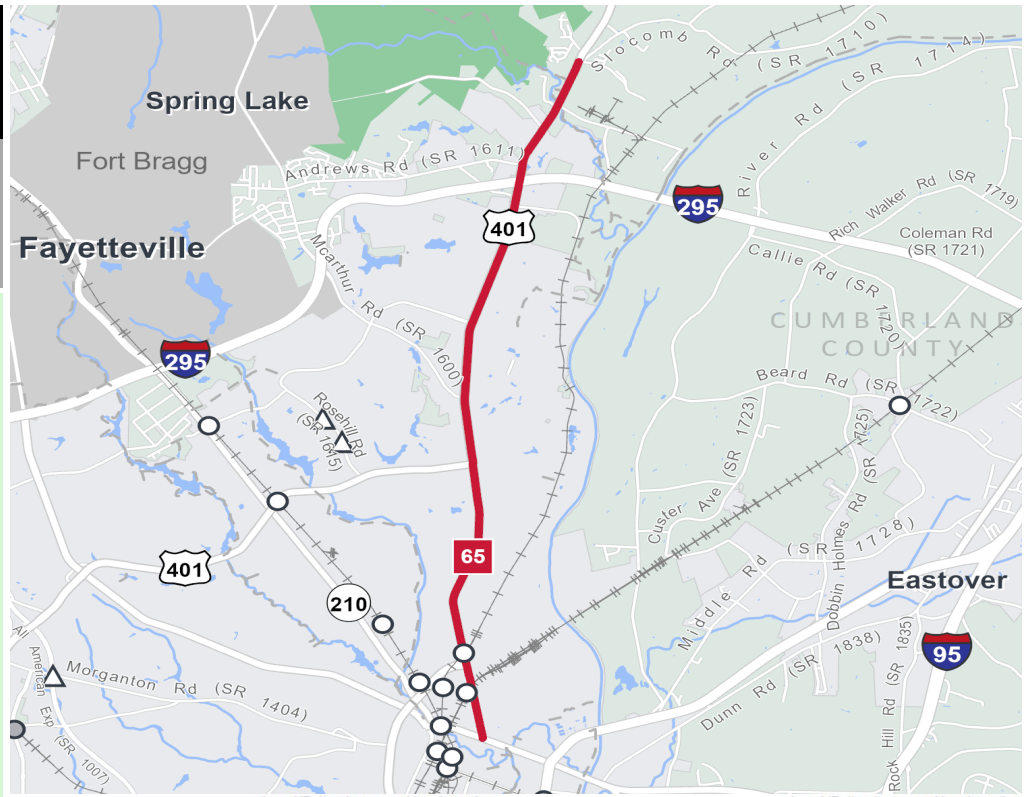
Improvement: Widening

Identified Need

US 401/ US 401 BUS/ SR 3950 (Ramsey St.) 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

The North Carolina Department of Transportation (NCDOT) proposes to widen US 401/ US 401 BUS/ SR 3950 (Ramsey St.) from NC 24 (Grove St.) to North of SR 1710 (Slocomb Rd) to Multi-Lanes.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	06 F
Section Options	-
Length (miles)	8.50
Existing ROW (feet)	45-105
Safety Risk Score	44-100

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal*	With Proposal
Facility Type	Major Thoroughfare Multi-lane	Boulevard	Boulevard
Travel Lanes	5	6	6
Volume (vpd)	16500-44500	21100-51600	21100-53000
Capacity (vpd)	24300-38100	24300-65800	42200-65800

* Volume (vpd) and Capacity (vpd) values listed under Without Proposal column represents Existing and Committed (E+C) scenario.

Capacity Data: Year

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

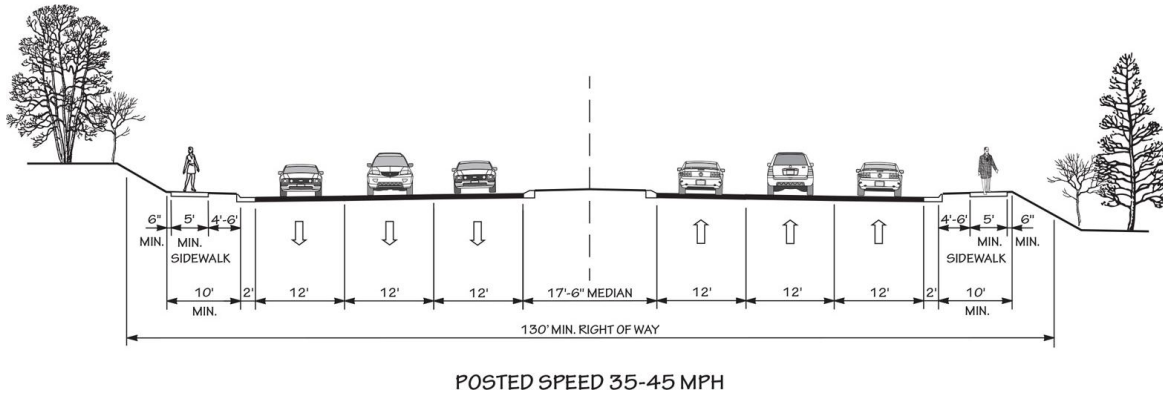


Typical Section Options:

None

TYPICAL SECTION No. 6F

6 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH CURB & GUTTER, AND SIDEWALKS



Project History/Linkage to Other Plans

The existing Ramsey Street (US-401) is a five-lane divided cross-section through the majority, while sliming down to four-lane divided in some sections.

This project is divided into three segments:

- U-4403A: From NC24/210 (Grove Street) to US 401 Business (Martin Luther King, Jr. Freeway), This segment was submitted as a Division Need Project. The project is to widen to six-lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks.
- U-4403B: From US 401 Business (Martin Luther King, Jr. Freeway) to US 401 Bypass. This segment was funded as a Regional Project. The project is to widen to six-lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks.
- U-4403C: From US 401 Bypass to North of Slocomb Road. This segment was submitted as a Division Need Project. The project is to widen to four-lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks.

Linkage to Other Plans

The proposed project is consistent with local and regional development goals and plans, such as the FAMPO 2045 Metropolitan Transportation Plan.

Multi-modal Considerations

The Urban Fixed Bus Route runs on some sections of US 401. Additionally, there is a proposed for bicycle and pedestrian along this route.

CTP Goal Analysis

Vision, Goals, & Objectives

The purpose of this project is to reduce congestion,

reduce travel time, and improve safety along this facility. The Cumberland County / FAMPO CTP Goals include focusing on growth around established municipalities, infrastructure, and strategic nodes while encouraging safe, multi-modal transportation options with adequate connectivity. Additionally Cumberland County / FAMPO CTP goals strive to protect, preserve, and enhance environmental features and open space opportunities in conjunction with recognizing the strategic importance of military installations within and adjacent to the community and promoting economic development growth through transportation and planning means.

Goals & Objectives Survey

U-4403 project received 29 comments during the survey period. Comments indicated the need for bicycle accommodation, intersection improvement, and to address roadway geometry issue. The Survey was launched on August 12, 2020 and closed on September 28, 2020. There was an English and Spanish version of the survey. A total of 228 participants created 530 comments / suggestions on the map of Cumberland County / FAMPO.

Potential Impacts

A Natural Resources Technical Report (NRTR) has been prepared to assist in the preparation of a document for the purposes of the National Environmental Policy Act (NEPA) or the State Environmental Policy Act (SEPA). July 2019

Additional Information - Environmental

This project is within 150 feet of:

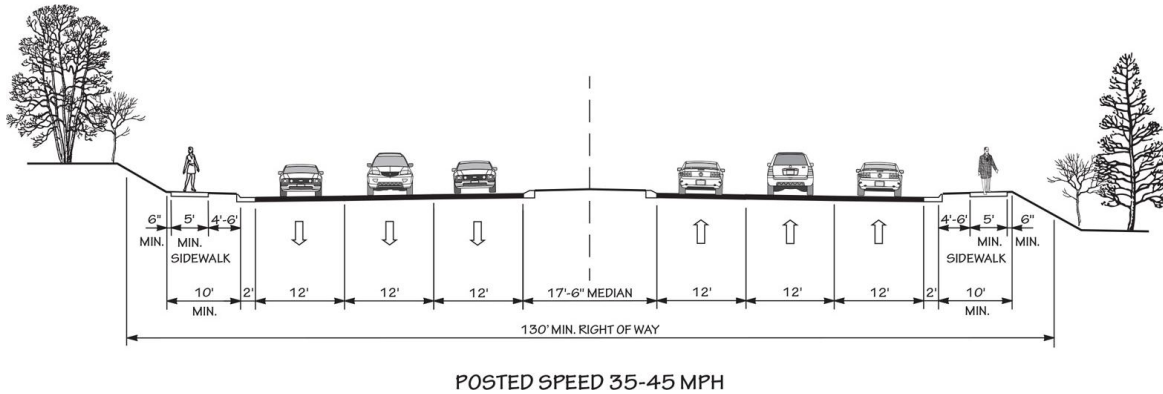
- Hazard Substance Disposal Site(s)
- River(s) and Stream(s)
- Flood Hazard Area(s)
- Land Habitat Indicator Guild(s)

Typical Section Options:

TYPICAL SECTION No. 6F

None

6 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH CURB & GUTTER, AND SIDEWALKS



- Managed Area(s)
- National Wetlands Area(s)
- Water Supply Watershed Area(s)
- Targeted Local Watershed Area(s)
- Waterbody(ies)

Additional Information - Title VI

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

- Between 75% and 100% 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 15% and 25% identify as Hispanic and Latino
- Between 5% and 15% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% 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
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 5% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races

- Between 20% and 50% identify as Households with No Car