

NC 59 (Hope Mills Rd) Widening

From NC 162 (George Owen Rd) to US 401 Bus (Raeford Rd)

Local ID: FAMPO003-H

Purpose: Congestion

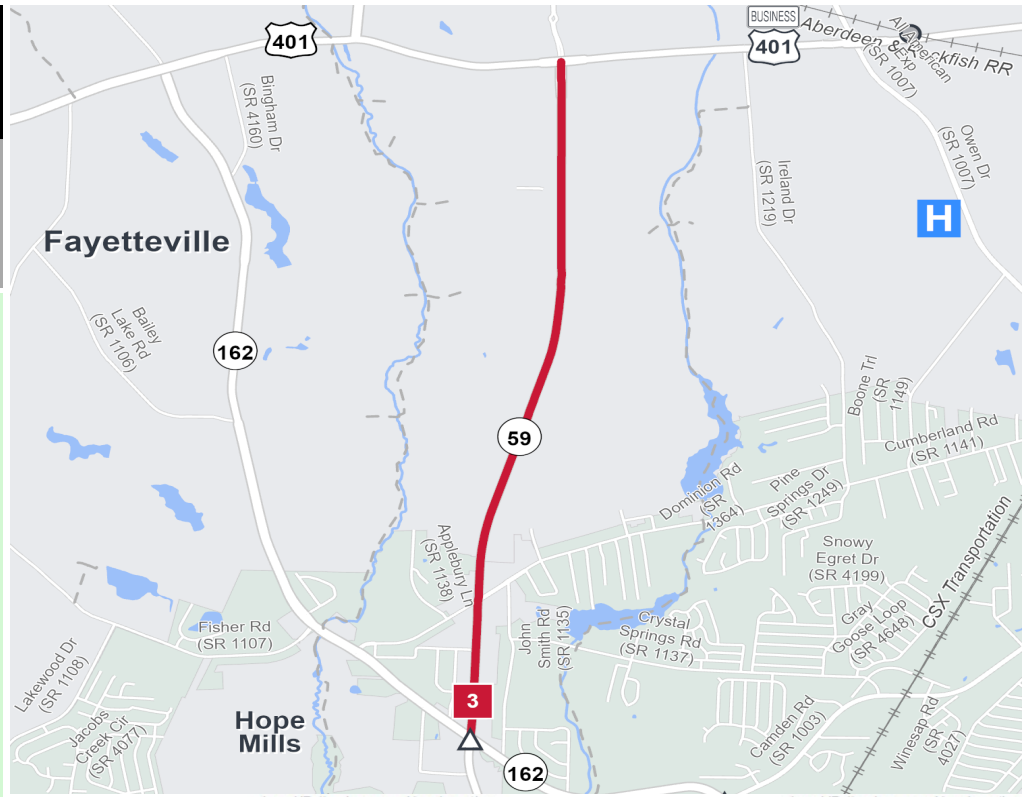
Improvement: Improve Existing

Identified Need

NC 59 (Hope Mills Rd) in Hope Mills 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 proposal is to convert existing 4-lane undivided roadway w/TWLTL to 4-lane median divided roadway w/raised concrete median, curb & gutter and sidewalks.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 B
Section Options	-
Length (miles)	3.30
Existing ROW (feet)	60-130
Safety Risk Score	56-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Boulevard
Travel Lanes	4	4	4
Volume (vpd)	26000-33500	27000-32900	27700-33500
Capacity (vpd)	26700-29000	26700-29000	38100

Capacity Data: Year

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

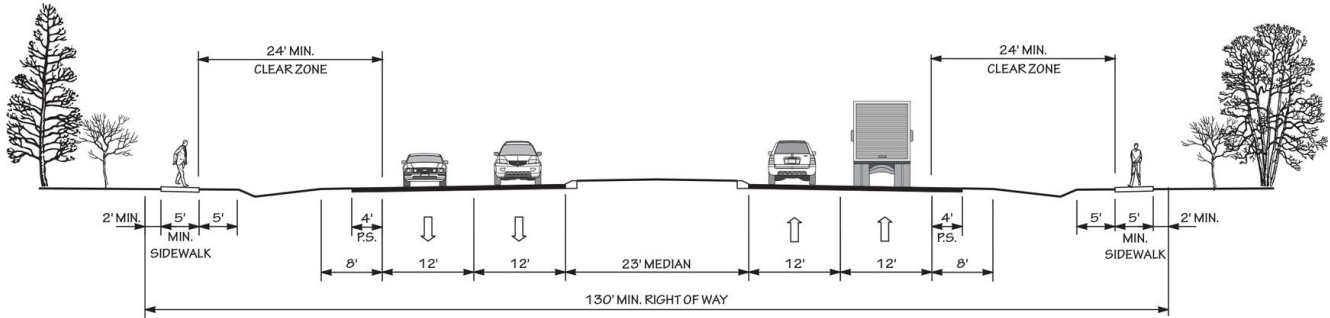


Typical Section Options:

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 Plans

There is STIP project EB-6032 along NC 59 (Hope Mills Rd). EB-6032 project is to construct a sidewalk from Fayetteville City limits to Sumac Circle. NC 59 is currently a 4 lane facility with continuous center left turn lane. Additionally, this segment of NC 59 has a speed limit of 45 mph.

Project EB-6032 is fully funded along NC 59 (Hope Mills Rd) in the 2020-2029 STIP. The STIP project is currently under construction and Right-Of-Way is in progress.

NC 59 (Hope Mills Rd) is projected to be over capacity by year 2045.

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

FAMPO003-H received 1 comment regarding the need for transit during the survey period. 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

It would further improve upon the proposed project FAMPO004-H and strengthen the regional connection between Fayetteville and Hope Mills. FAMPO003-H occurs within a Natural Heritage Element Occurrences zone.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- National Wetlands Area(s)

Additional Information - Title VI

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

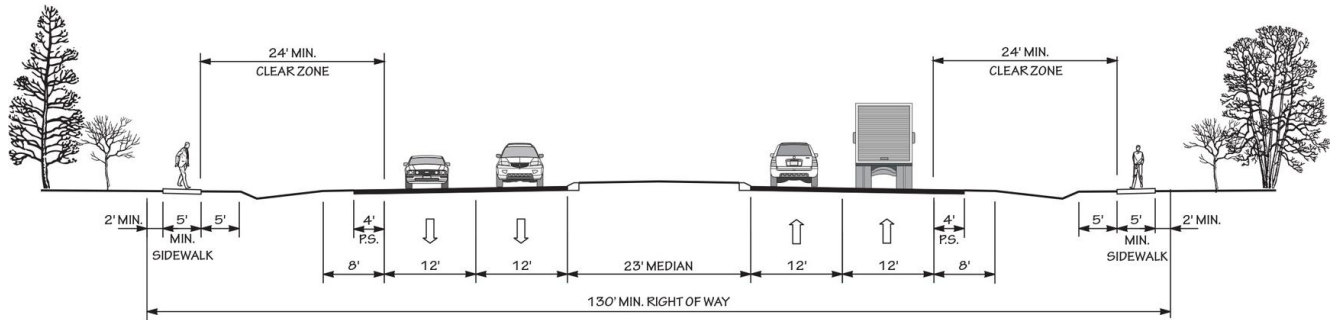
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 2.5% and 10% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 w/ Limited English 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 5% and 15% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- Between 0% and 15% identify as Native American

Typical Section Options:

None

TYPICAL SECTION No. 4B

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



POSTED SPEED 35-55 MPH

- Between 15% and 25% 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 20% and 50% identify as Households with No Car