

Cumberland Road Widening

From Owen Dr (SR 1007) to NC 59 (Hope Mills Road)

Local ID: FAMPO002-H

Purpose: Congestion

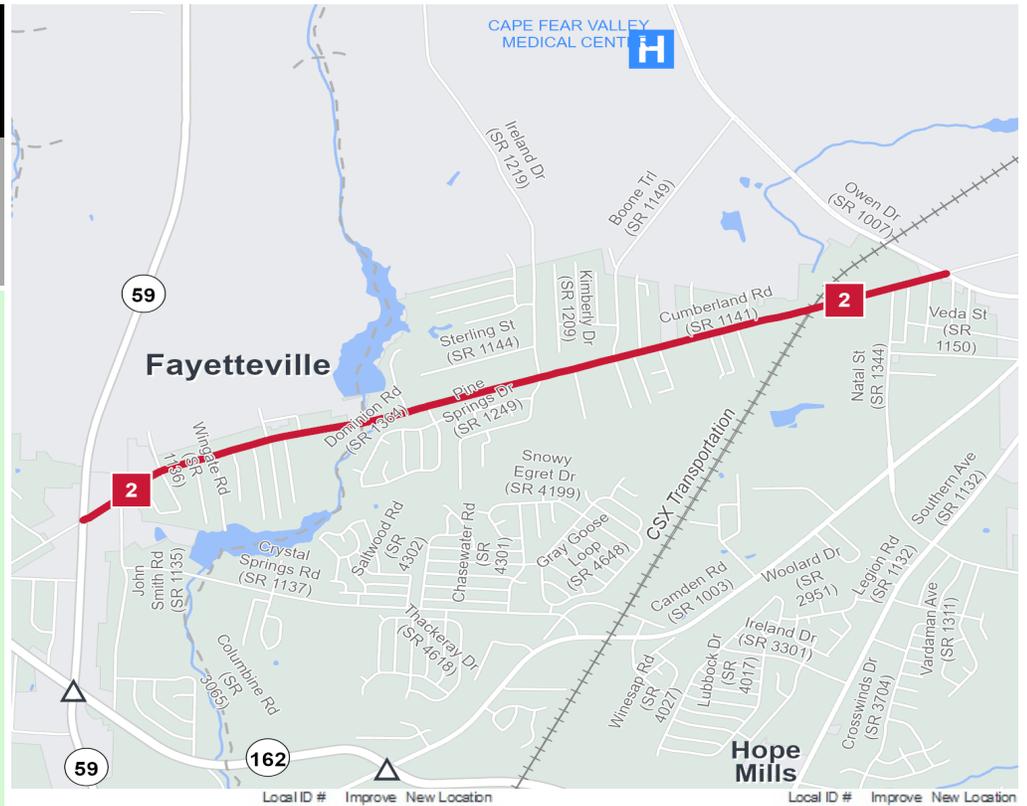
Improvement: Improve Existing

Identified Need

Cumberland Road (SR 1141) is projected to be near 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 widen from Major Thoroughfare Multi-lane to 4-lane divided (23' Raised Median) with Curb & Gutter, and Sidewalks



Congestion / Mobility	#	—	⊙	□	■
Access Management / Operations	#	—	⊙	○	●
Modernization	#	—	⊙	∟	△
Other	#	—			

Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 B
Section Options	04 L
Length (miles)	3.10
Existing ROW (feet)	80-100
Safety Risk Score	44-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	2018 Base Year		2045 Future Year	
	Existing	Without Proposal	With Proposal	
<i>Facility Type</i>	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Boulevard	
<i>Travel Lanes</i>	4	4	4	
<i>Volume (vpd)</i>	18000-25500	16000-26000	15500-26100	
<i>Capacity (vpd)</i>	29000-38100	29000-38100	38100	

Capacity Data: Year

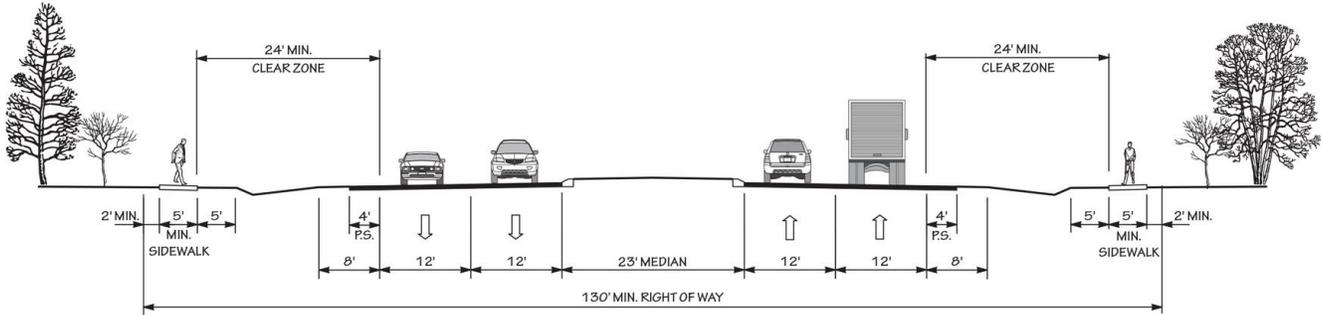
Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-



Typical Section Options:

TYPICAL SECTION No. 4B

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



POSTED SPEED 35-55 MPH

Project History/Linkage to Other Plans

FAMPO002-H is widening to a boulevard. Additionally, there has been a previously submitted project (B170519) submitted in SPOT 5.0 that proposes to construct sidewalk on both sides of Cumberland Road from Owen Drive to Wingate Road.

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

FAMPO002-H received 2 comment during the survey period regarding intersection improvemetns. 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 FAMPO003-H and strengthen the connectivity inside the Cumberland County.

FAMPO002-H occurs within a Natural Heritage Element Occurances zone and crosses Buckhead Creek.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- NC CREWS (North Carolina Coastal Region Evaluation of Wetland Significance) Area(s)
- Flood Hazard Area(s)
- National Wetlands 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:

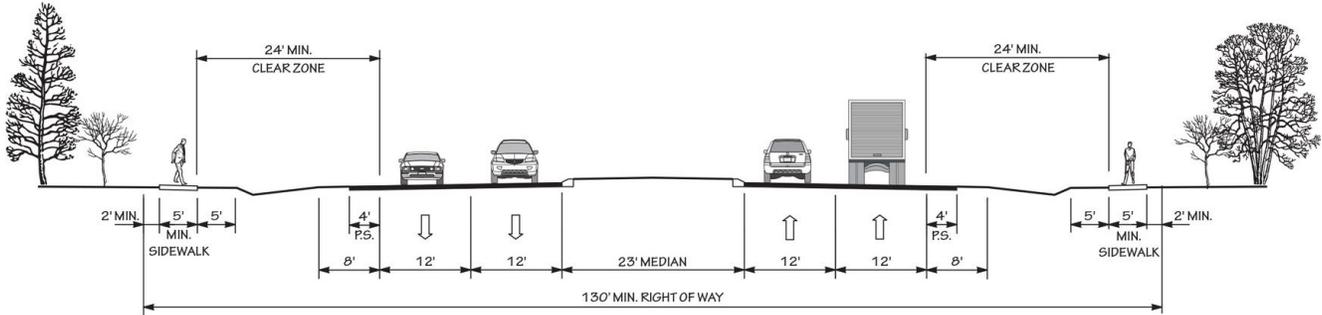
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 15% and 25% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 w/ Limited English 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:

04 L

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