

Legion Rd Widening

From SR 1131 (Cameron Road) to NC 162/ SR 1363 (Elk Road)

Local ID: U-2809A

Purpose: Mobility

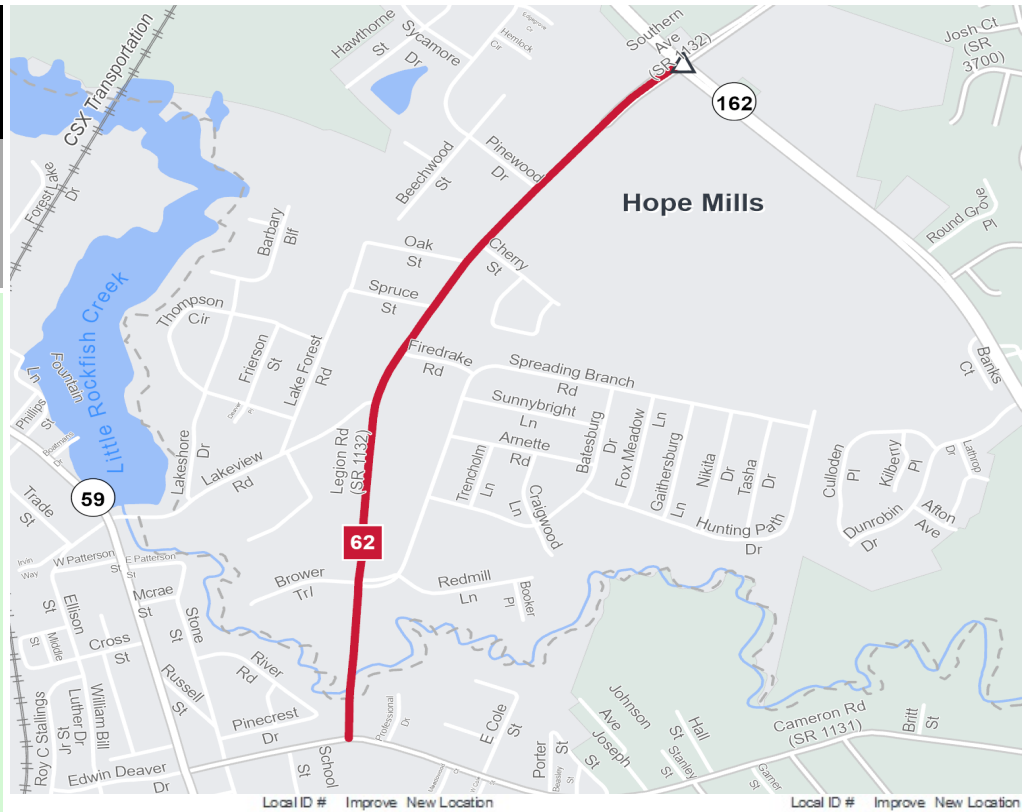
Improvement: Widening

Identified Need

Legion Road (SR 1132) is projected to be over capacity by year 2045. Improvements are needed to accommodate projected traffic volumes such that LOS D can be achieved.

Recommendation

The proposal is to widen from 2 Lane Undivided to 4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, and Sidewalks. This shall take into consideration multi-modal travel.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 C
Section Options	-
Length (miles)	1.30
Existing ROW (feet)	100
Safety Risk Score	33-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Boulevard
Travel Lanes	2	2	4
Volume (vpd)	4600-14000	5700-15400	8500-25100
Capacity (vpd)	11100-22200	11100-22200	28100

Capacity Data: Year

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

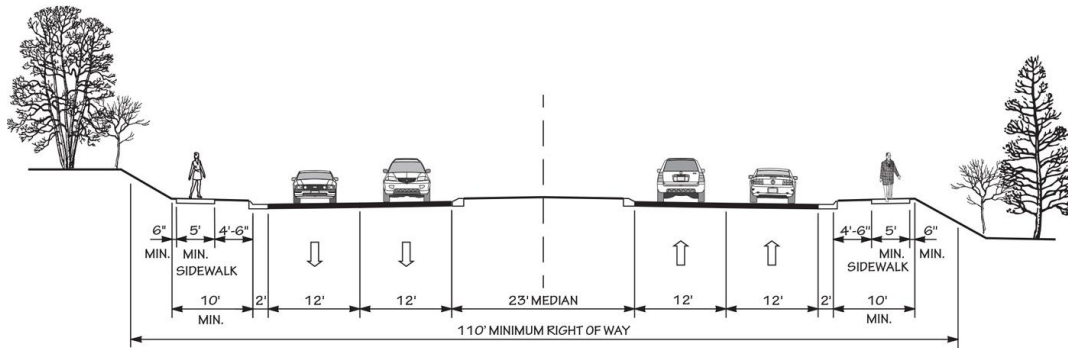


Typical Section Options:

None

TYPICAL SECTION No. 4C

4 LANE DIVIDED (23' RAISED MEDIAN)
WITH CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

Project history

Linkage to Other Plans

The proposed project is consistent with local and regional development goals and plans, such as the FAMPO 2045 MTP, adopted in 2019. It was also part of NCDOT Spot 5.0

For more information please visit the following locations:

- [Feasibility Study Report](#)

[NCDOT Prioritization 5.0 Project Sheet](#)

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-2809A project received 4 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

For more information please refer the feasibility study report on NCDOT website:

- [Feasibility Study Report](#)

[NCDOT Prioritization 5.0 Project Sheet](#)

Additional Information - Environmental

This project is within 150 feet of:

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

Additional Information - Title VI

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

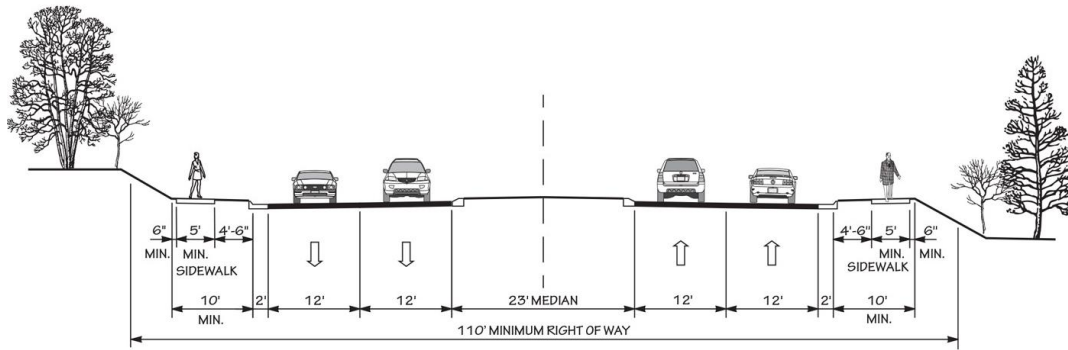
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency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

Typical Section Options:

None

TYPICAL SECTION No. 4C

4 LANE DIVIDED (23' RAISED MEDIAN)
WITH CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 35-45 MPH

- Between 0% and 15% identify as Native American
- Between 15% and 25% identify as Below Poverty Line
- Between 5% and 10% identify as Some Other Race
- Between 0% and 5% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car