

Lindsay Road Widening

From US 401 to SR 1406 (Rockfish Road)

Local ID: U-5858

Purpose: Congestion

Improvement: Widening

Identified Need

Lindsay Rd (SR 1418) is projected to be over capacity by 2045. Improvements are needed to improve roadway geometry, improve safety, and to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

Recommendation

Project U-5858 proposes to widen and extend SR 1305 (Wayside Road), US 401 to Plank Road, and SR 1418 (Lindsay Road), US 401 to SR 1406. The proposed typical section consists of a four-lane divided section with a raised grass median up to 23 feet in width and shoulder section.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	---	Interchange	⊙	□	■
Access Management / Operations	#	—	---	Bridge / Overpass	⊙	○	●
Modernization	#	—	---	Intersection	⊙	∟	▲
Other	#	—	---				

Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 J
Section Options	-
Length (miles)	2.90
Existing ROW (feet)	60
Safety Risk Score	78-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal*	With Proposal
Facility Type	Minor Thoroughfare	Boulevard	Boulevard
Travel Lanes	2	4	4
Volume (vpd)	8900	13000-18900	10300-13000
Capacity (vpd)	13600-14100	43300	43300

* 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%)	-

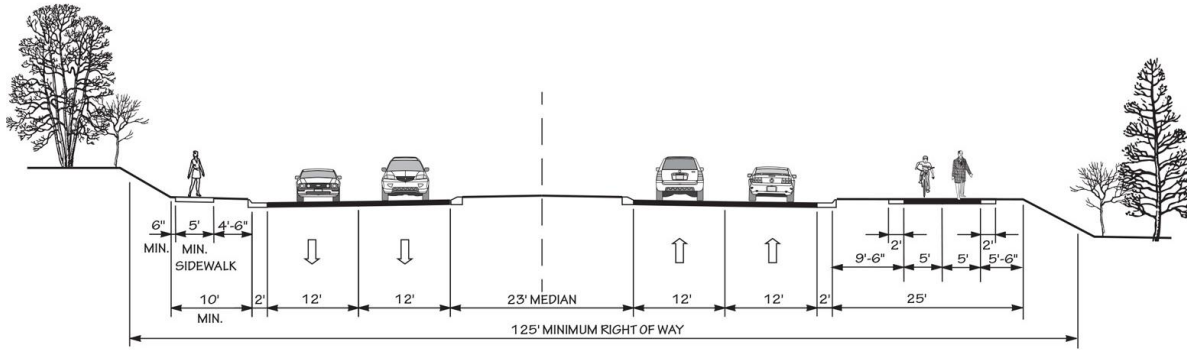


Typical Section Options:

None

TYPICAL SECTION No. 4J

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



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

U-5858 and U-5707 are being developed in coordination with STIP U-5857, U-5798, the Widening of SR 1102/SR 1420 (Gillis Hill Road) and U-5753, the Widening of SR 1305 (Wayside Road) and SR 1418 (Lindsay Road).

The proposed projects are included in the approved 2020-2029 North Carolina State Transportation Improvement Program (STIP) with right-of-way acquisition for both projects scheduled for Fiscal Year (FY) 2022 and construction scheduled for FY 2024.

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-5858 project received no comments 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

Environmental document was scheduled to be done in February 2020

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(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:

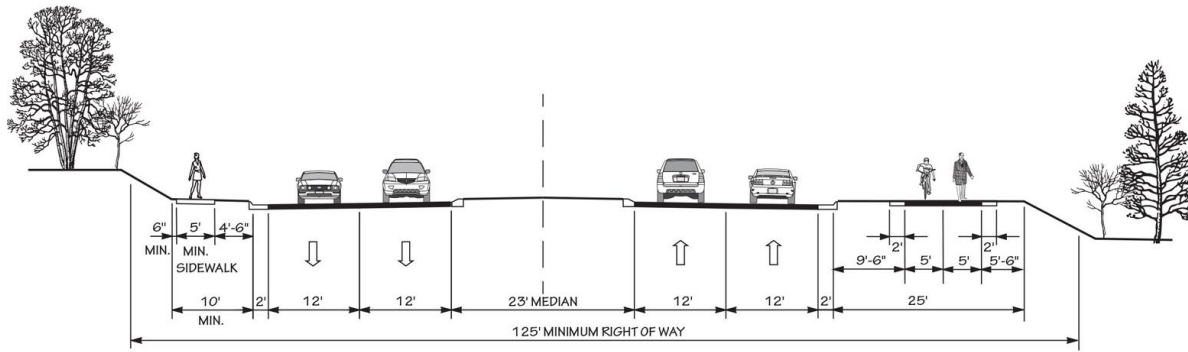
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Indo-European
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Other
- 0% 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 5% and 10% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 4J

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



POSTED SPEED 35-45 MPH

- Between 5% and 10% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car