

Wayside Road Widening

From Plank Road to US 401

Local ID: U-5753

Purpose: Congestion

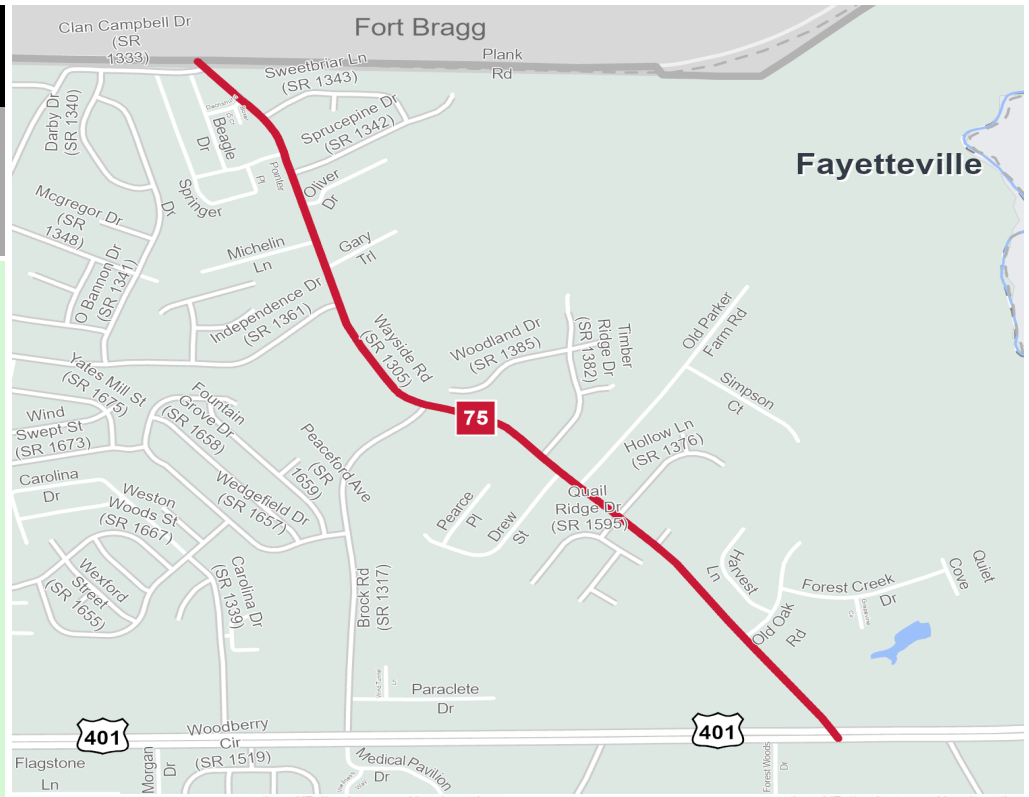
Improvement: Widening

Identified Need

Wayside Rd (SR 1305) is projected to be over capacity by year 2045. Improvements are needed to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

Recommendation

Project U-5753 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.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 J
Section Options	-
Length (miles)	1.60
Existing ROW (feet)	60
Safety Risk Score	67-100

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	2018 Base Year		2045 Future Year	
	Existing	Without Proposal*	With Proposal	
Facility Type	Minor Thoroughfare	Boulevard	Boulevard	
Travel Lanes	2	4	4	
Volume (vpd)	13500	13900	12400-14800	
Capacity (vpd)	10200-14600	28100-43300	28100-43300	

* 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%)	-

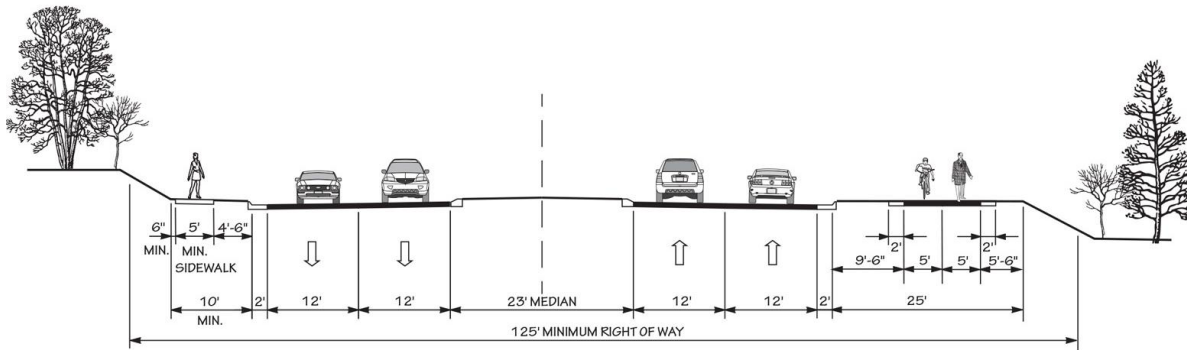


Typical Section Options:

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-5753 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 Project Information can be found [HERE](#)

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- Land Habitat Indicator Guild(s)
- Managed Area(s)
- National Wetlands Area(s)
- Targeted Local Watershed Area(s)
- National Heritage Significant Area(s)

Additional Information - Title VI

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

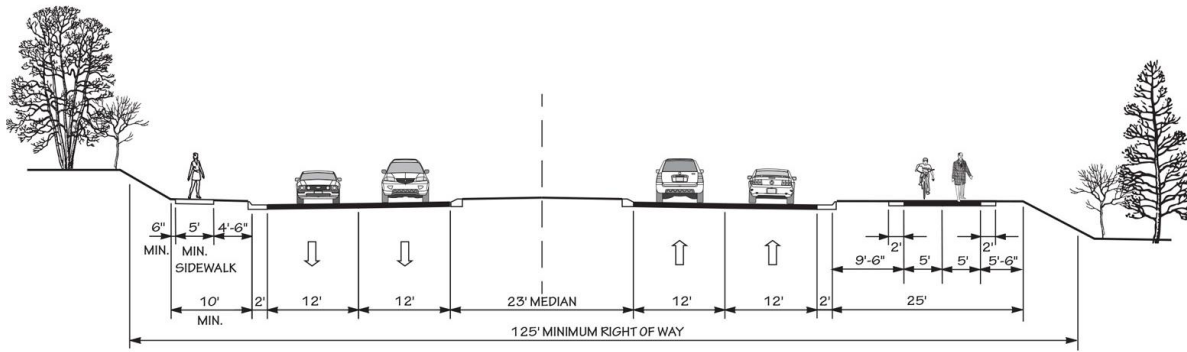
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - 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
- 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. 4J

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



POSTED SPEED 35-45 MPH

- Between 1% and 15% identify as Below Poverty Line
- Between 10% and 15% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car