

US-401 BYP (Country Club Drive) Improvements

From NC 210 (Murchison Road) to US 401 (Ramsey Street)

Local ID: H192433

Purpose: Congestion

Improvement: Improve Existing

Identified Need

This project, US 401 Bypass (Country Club Dr) US 401Byp (Pamalee Drive) is projected to be near capacity by 2045. Improvements are needed to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

Recommendation

Upgrade existing multi-lane facility with continuous center left turn lane to add raised center median with access management improvements. Include bicycle and pedestrian accommodations and bus pullouts.



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)	2.20
Existing ROW (feet)	100
Safety Risk Score	67-89

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)	17000-25000	14000-23600	12900-21500
Capacity (vpd)	29000	29000	40700

Capacity Data: Year

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

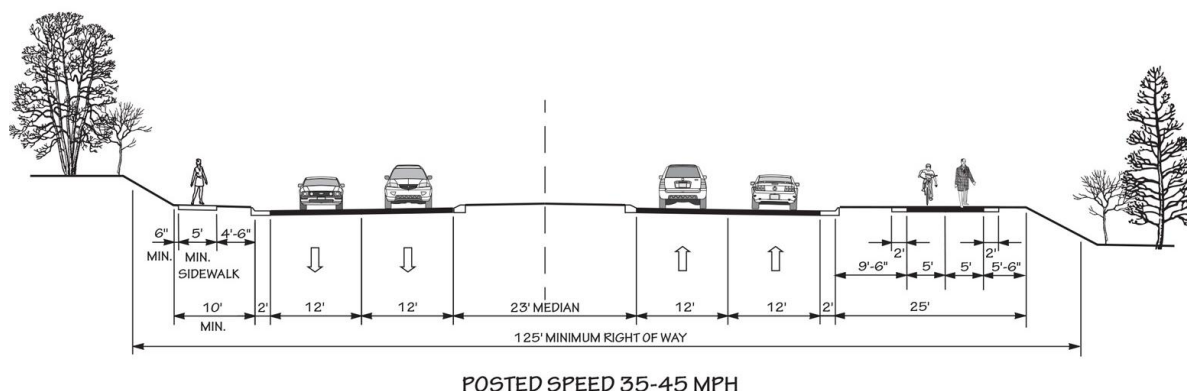


Typical Section Options:

None

TYPICAL SECTION No. 4J

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

**Project History/Linkage to Other Plans****Project history and Linkage to Other Plans**

The proposed project is consistent with local and regional development goals and plans. It is also part of NCDOT Spot 6.0

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

H192433 project received 2 comments during the survey period. Comments emphasized the need for traffic signal improvements and to address congestion. 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

U-4403 and H192435 along with H192433, may strengthen the regional connection between Fayetteville and Lillington.

H192433, occurs within a Natural Heritage Element Occurrences zone and crosses Cross Creek.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- River(s) and Stream(s)-NCIR
- NC CREWS (North Carolina Coastal Region Evaluation of Wetland Significance) Area(s)
- Flood Hazard Area(s)
- Managed Area(s)
- National Wetlands Area(s)
- Water Supply Watershed Area(s)
- Targeted Local Watershed Area(s)
- Protected Area(s)
- Waterbody(ies)

Additional Information - Title VI

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

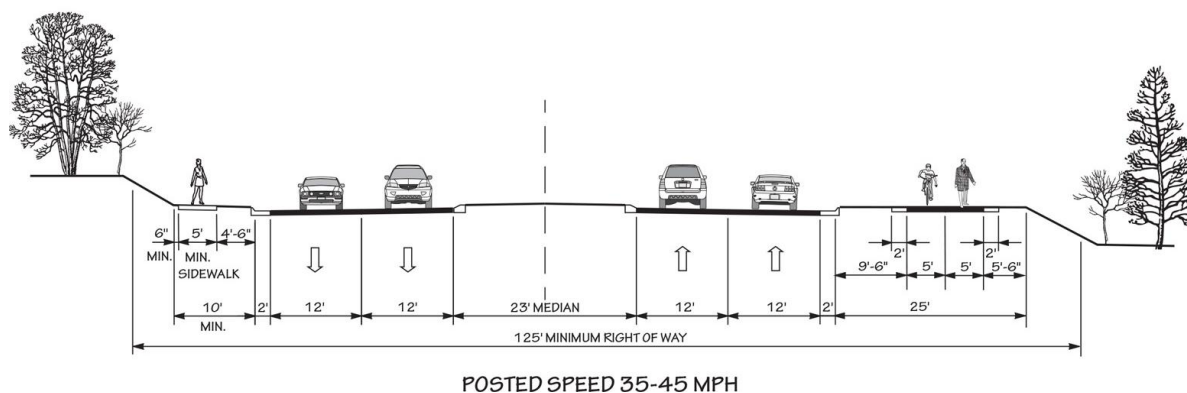
- Between 75% and 100% identify as African American
- Between 25% and 50% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander
- 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

Typical Section Options:

None

TYPICAL SECTION No. 4J

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



- Between 5% and 15% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- 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 5% and 10% identify as Two of More Races
- Between 20% and 50% identify as Households with No Car