

Strickland Bridge Road widening

From US 401 to Fisher Road

Local ID: U-6210

Purpose: Congestion

Improvement: Improve Existing

Identified Need

Strickland Bridge Road is projected to be over 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

Strickland Bridge improvements include widening to multilanes with sidewalks on both sides.



	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 G
Section Options	-
Length (miles)	1.90
Existing ROW (feet)	60
Safety Risk Score	89-100

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)	12500-14000	12900-17700	13300-17700
Capacity (vpd)	10500-12700	28100-38100	28100-38100

* 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%)	-

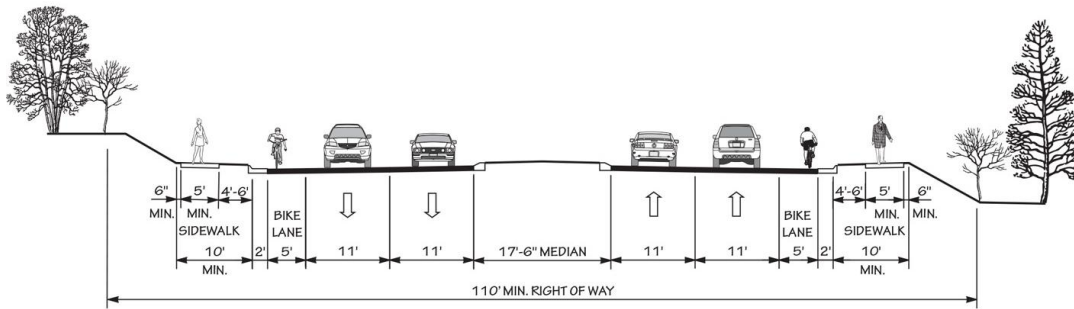


Typical Section Options:

None

TYPICAL SECTION No. 4G

4 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 35-45 MPH

U-6210 is being funded through the Build NC Bond Construction Funding with a payback of 2029-2043 and Build NC Bond Funding for ROW with a payback of 2026-2040.

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-6210 project received 4 comments in regards to roadways, Comments emphasized the need for bicycle and pedestrian accommodations. 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.

H171620 is a SPOT 5.0 Intersection Improvement Project related to U-6210 Project.

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)
- Waterbody(ies)

Additional Information - Title VI

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

- Between 50% and 75% 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 25% and 50% 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
- 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
- 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 0% and 15% identify as Households with No Car