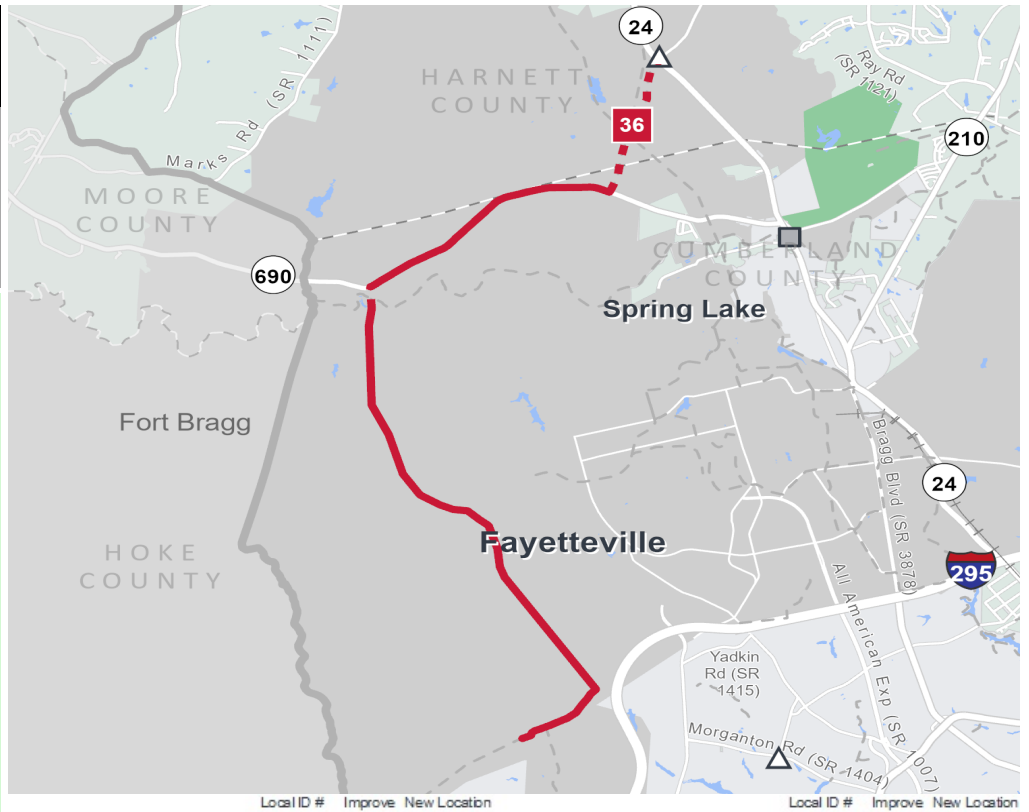


Spring Lake Western Bypass
 From NC 24/ 87 to Longstreet Road ACP

Local ID: H193239
 Purpose: **Mobility**
 Improvement: **New Location (part on existing)**

Identified Need
 The project is to reduce potential traffic volumes that may be diverted from NC 24/ NC 210 currently passing through the town of Spring Lake to access Fort Liberty via eastern and southern Access Control Points (ACPs) that reduces congestion within Spring Lake.

Recommendation
 This project, Spring Lake Western Bypass from NC 24/87 to Longstreet Road ACP recommends improving Nursery Rd, NC 690 (Vass Rd), Lamont Rd, Longstreet Rd and buidling Lamont Rd Extension on new location.



	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 A
Section Options	-
Length (miles)	14.00
Existing ROW (feet)	60
Safety Risk Score	-

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Boulevard
<i>Travel Lanes</i>	2	2	4
<i>Volume (vpd)</i>	5000-6800	7200-8000	11300-11600
<i>Capacity (vpd)</i>	15800-34000	15800-34000	43900

New Location	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	-	-	Boulevard
<i>Travel Lanes</i>	-	-	4
<i>Volume (vpd)</i>	100	200	-
<i>Capacity (vpd)</i>	-	-	-

Capacity Data: Year

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

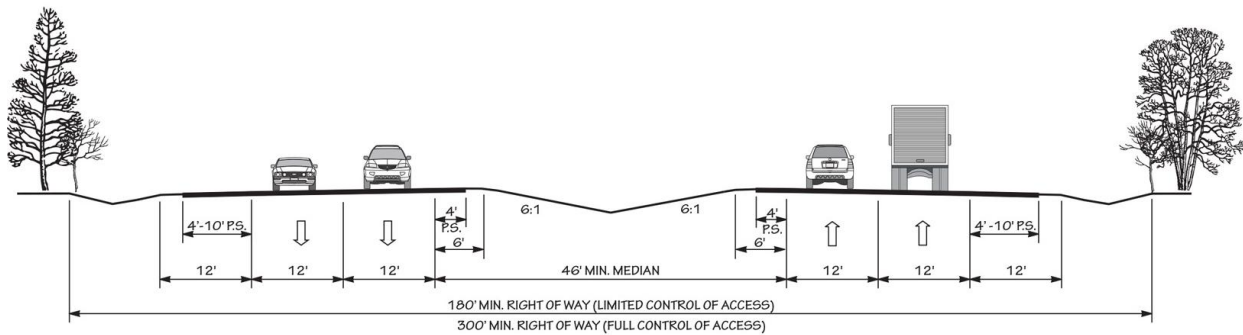


Typical Section Options:

None

TYPICAL SECTION No. 4A

4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS



POSTED SPEED 45-70 MPH

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

Fort Liberty performed the analysis for diversion of Fort Liberty Access traffic study. As a result of the study Spring Lake Western Bypass project was proposed.

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.

This project is also a part of SPOT6.0 project H191554 - NC 690 (Vass Rd) improvements.

This project is also a part of U-5930 (SPOT6.0 project H191800) - NC 24/ NC 87 and Nursery Rd (SR 1117) intersection improvements.

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.

Potential Impacts

The projected traffic volume from the diversion of traffic from Bragg Boulevard through Spring Lake onto an

alternate westerly route along Vass Road and Lamont Road to the Yarborough Complex will necessitate road improvements to accommodate the increase in traffic volume. Improvements include widening Lamont Road to a 4-lane roadway (2 lanes per direction) between Vass Road and Longstreet Road.

Additional Information - Environmental

This project is within 150 feet of:

- Major River(s)
- 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)
- Land Habitat Indicator Guild(s)
- Managed Area(s)
- National Wetlands Area(s)
- Water Supply Watershed Area(s)
- National Heritage Significant Area(s)
- Waterbody(ies)

Additional Information - Title VI

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

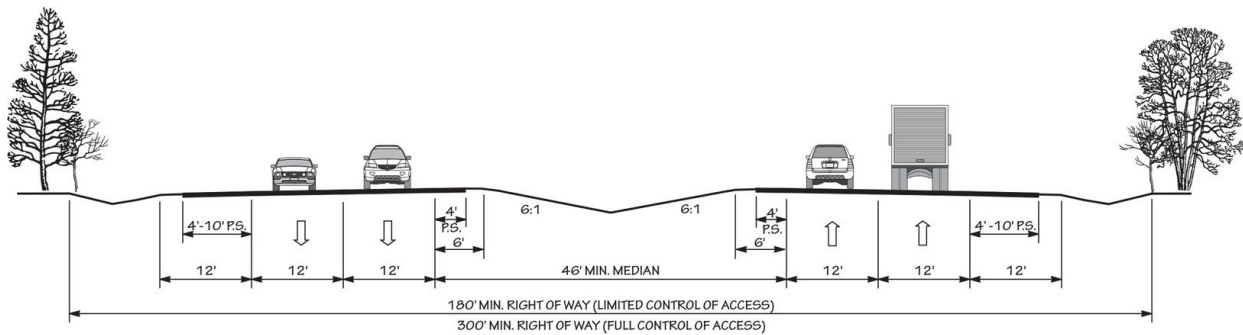
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino

Typical Section Options:

None

TYPICAL SECTION No. 4A

4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS



POSTED SPEED 45-70 MPH

- 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
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- Between 0% and 15% identify as Native American
- Between 25% and 50% identify as Below Poverty Line
- Between 10% and 15% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car