

**Reilly Rd Widening**

From SR 3569 (Old Raeford Road) to SR 1400 (Cliffdale Road)

Local ID: **U-2710**

Purpose: **Congestion**

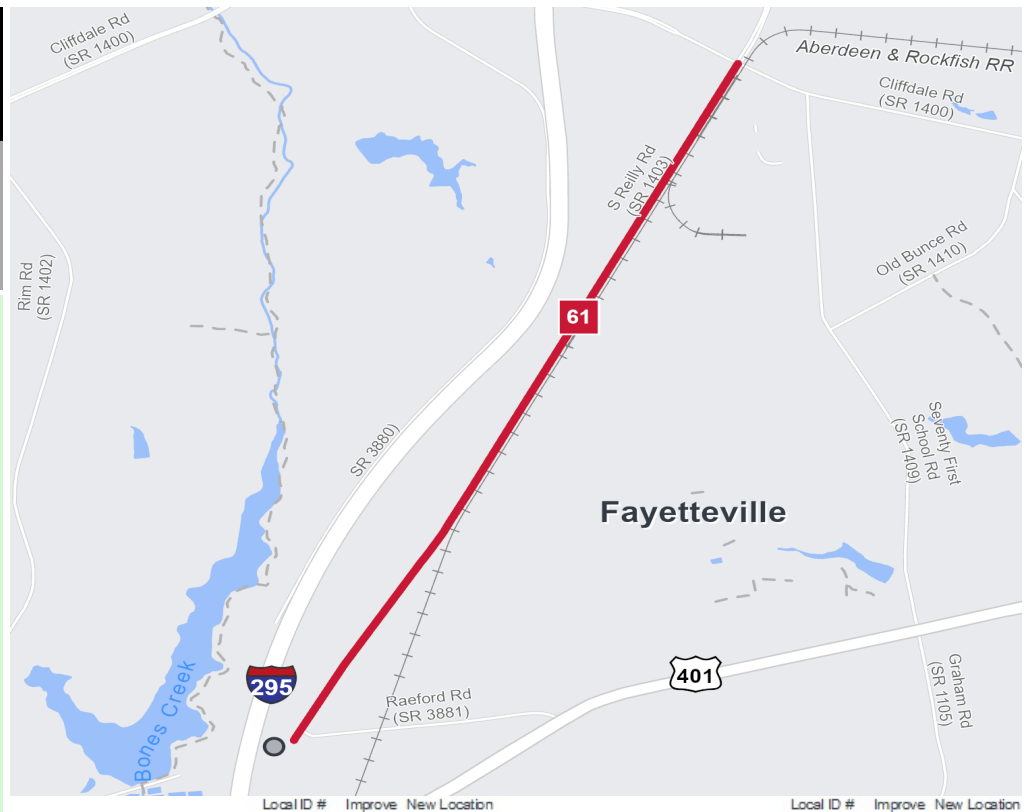
Improvement: **Widening**

**Identified Need**

Reilly Road (SR 1403) is operating over capacity in current conditions and is projected to be over capacity by year 2045. Improvements are needed to accommodate projected traffic volumes such that LOS D can be achieved.

**Recommendation**

Widen Reilly Road (SR 1403) from Old Raeford Road (SR 3569) to Cliffdale Road (SR 1400). Reilly Road (SR 1403) is currently a two-lane facility. It is recommended to widen to four-lane (raised median) with Curb & Gutter, Bike Lanes and sidewalks.



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 D
Section Options	04 J, 04 L
Length (miles)	2.20
Existing ROW (feet)	100
Safety Risk Score	78

**Proposal Data: 2018 Base Year 2045 Future Year**

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Boulevard
Travel Lanes	2	2	4
Volume (vpd)	5300-16000	4300-14200	5600-18100
Capacity (vpd)	15100	15100	43300

**Capacity Data:** Year

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

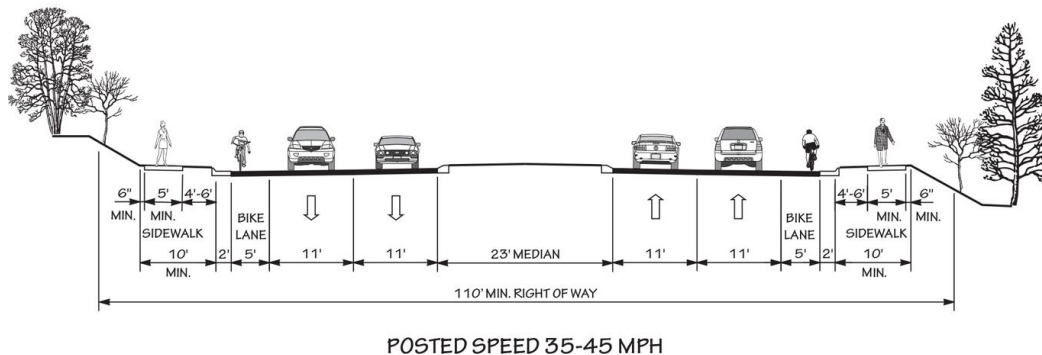


**Typical Section Options:**

04 J, 04 L

**TYPICAL SECTION No. 4D**

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

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

Reilly Road is a major link connecting Cliffdale Road and Raeford Road. New section of I-295 is being built parallel to the Reilly Road which will help reduce some of the congestion issues. Annual Average Daily Traffic (AADT) on this section Reilly Road is projected to increase from 5300-16000 vehicles per day (vpd) in 2018 to 4300-14200 vpd in 2045, compared to a LOS D capacity of 15100. Model run/ traffic projection shows even though the traffic is reduced due to opening of the I-295 section, the section of the Reilly Road may operate at near capacity. The primary purpose of this project is 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 in the future.

**Linkage to Other Plans**

1991 Feasibility study report for the project can be found [HERE](#)

**Multi-modal Considerations****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-2710 project received one comment regarding street signage 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**

Section 3 Text: Natural & Human Environmental Context  
Based on a planning level environmental assessment using available GIS data, the proposed project is located near Hazard Substance Disposal Area, NC CREWS, Natural Heritage Element Occurrences.

**Relationship to Land Use**

The City of Fayetteville expects increased industrial development along the northern most 1.5 mile of this section of Reilly Road on both sides of the roadway.

**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)
- Hazard Substance Disposal Area(s)
- National Wetlands Area(s)

**Additional Information - Title VI**

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

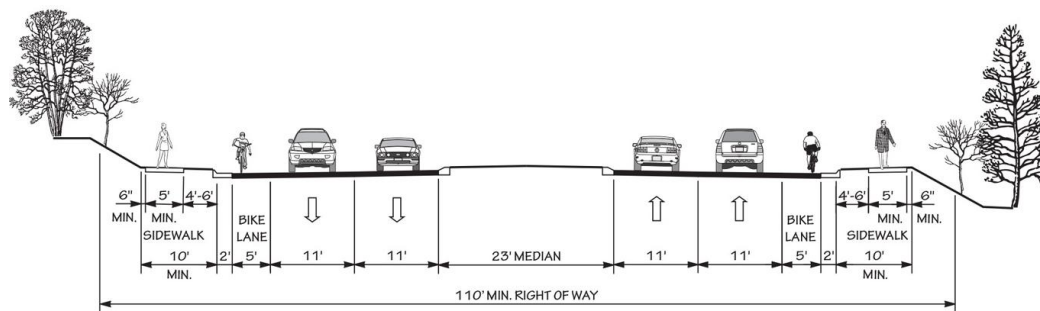
- Between 50% and 75% identify as African American
- Between 0% and 25% identify as 65+

**Typical Section Options:**

04 J, 04 L

**TYPICAL SECTION No. 4D**

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



POSTED SPEED 35-45 MPH

- 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
- 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 0% and 5% 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