

Rockfish Road and Gillis Hill Road Extension

From Camden Road (SR 1003) to Lindsay Road (SR 1418)

Local ID: U-5857

Purpose: Congestion

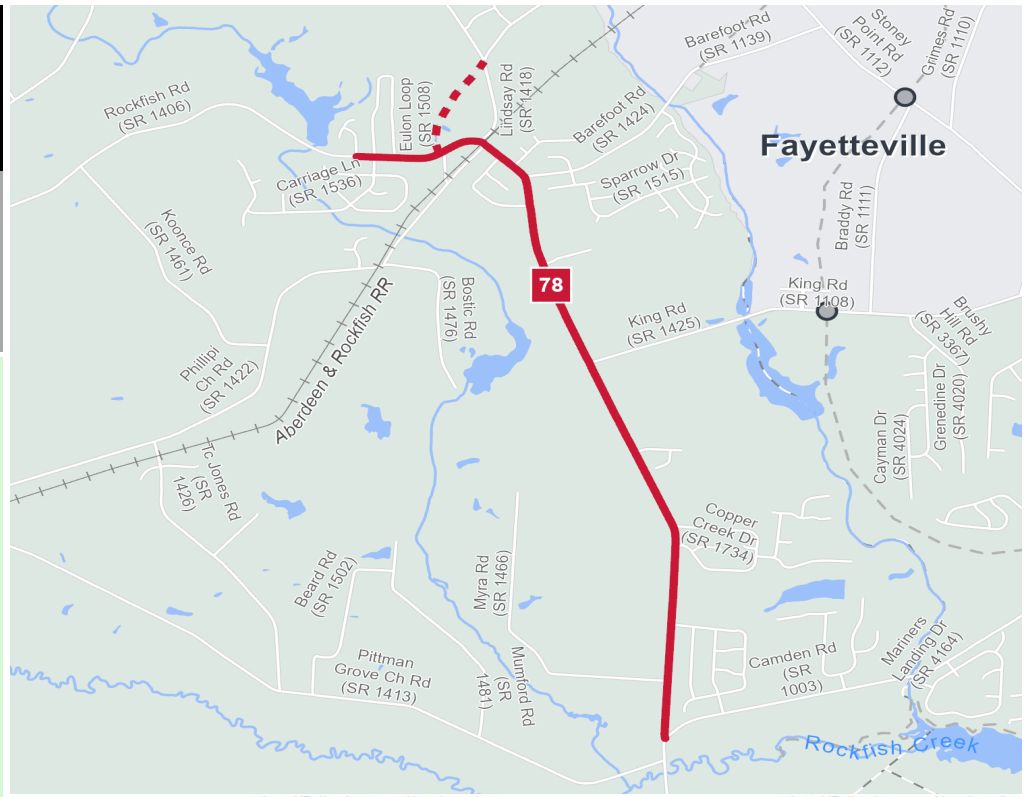
Improvement: New Location (part on existing)

Identified Need

Rockfish Road (SR 1406) 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

Project U-5857/ U-5707 proposes to widen Rockfish Road (SR 1406) and extend Gillis Hill Road (SR 1420) approximately 1.5 miles on new location. The proposed typical section consists of a four-lane divided section with a raised grass median and shoulder section.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 F
Section Options	-
Length (miles)	3.70
Existing ROW (feet)	
Safety Risk Score	56-100

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)	5400-9000	9300-13900	8600-13100
Capacity (vpd)	9800-14100	28100-43300	28100-43300

New Location	Existing	Without Proposal*	With Proposal
Facility Type	-	Boulevard	Boulevard
Travel Lanes	-	2	4
Volume (vpd)	-	14000	14000
Capacity (vpd)	-	28100	28100

Capacity Data: Year

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

* Volume (vpd) and Capacity (vpd) values listed under Without Proposal column represents Existing and Committed (E+C) scenario.

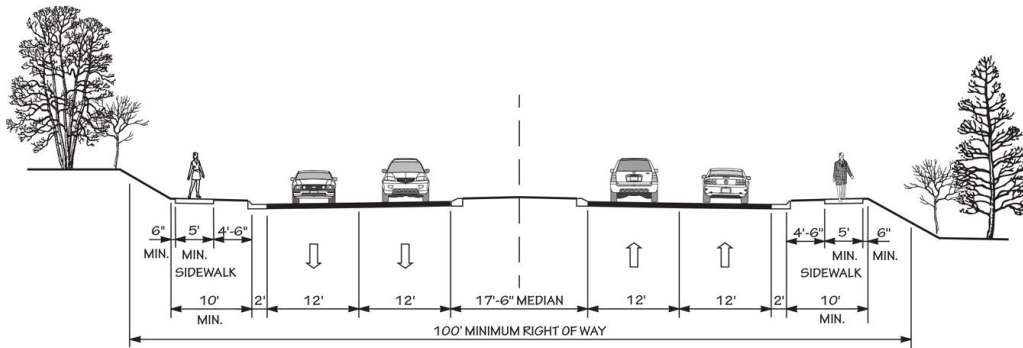


Typical Section Options:

None

TYPICAL SECTION No. 4F

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



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

U-5857 and U-5707 are being developed in coordination with STIP 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) 2027 and construction scheduled for FY 2029.

CTP Goal Analysis

SR 1406 (Rockfish Road) is a primary local travel corridor connecting southeastern Hoke County with the community of Rockfish and the City of Raeford. The population in Hoke County is projected to increase at a rate of 2.5% annually, which is more than double the statewide projection for population growth. Traffic is expected to increase along with the population growth, and the number of commuters traveling from surrounding communities through Rockfish to Fort Liberty and the City of Fayetteville is also expected to increase. For more information please refer U-5857/ U-5707 project website [HERE](#)

Goals & Objectives Survey

Comment recommending traffic signal improvement and a bicycle map marker were received during the survey period for U-5857/ U-5707 project. 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.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- National Wetlands Area(s)
- Targeted Local Watershed 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 5% and 15% 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 5% and 15% 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