

### Rockfish Rd Widening

From SR 1003 (Camden Road) to SR 1115 (Golfview Road)

Local ID: U-6072B

Purpose: Congestion

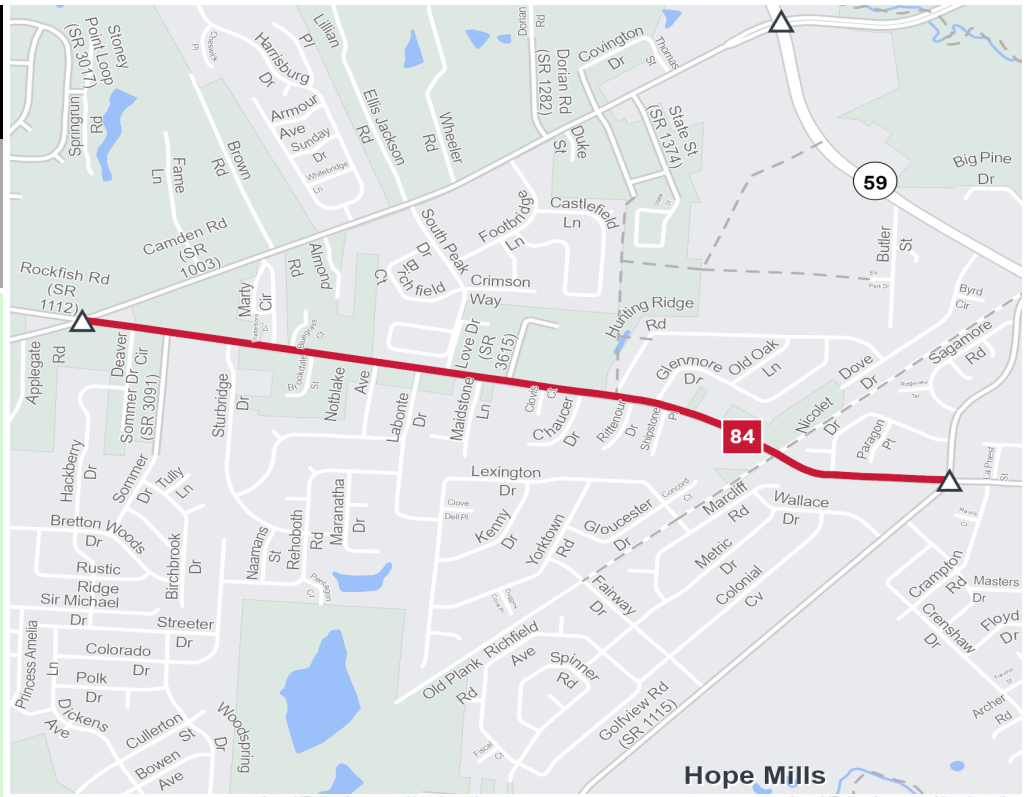
Improvement: Widening

#### Identified Need

Rockfish Road (SR 1112) is projected to be over capacity by 2045. Improvements are needed to accommodate projected traffic volumes such that a minimum LOS D can be achieved.

#### Recommendation

The proposal is to widen from 2 Lane Undivided to 4J - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Bike Lanes, and Sidewalks. Widening the road will help address the capacity issue.



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)	1.60
Existing ROW (feet)	60
Safety Risk Score	56-100

### 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)	9900-12000	10700-14500	10200-14200
Capacity (vpd)	10200-12300	10200-12300	28100-38100

### Capacity Data: Year

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

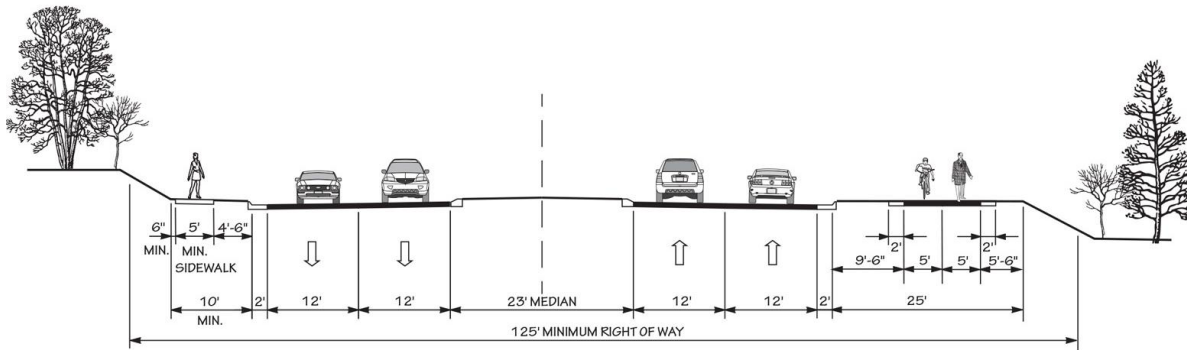


**Typical Section Options:**

None

# TYPICAL SECTION No. 4J

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



POSTED SPEED 35-45 MPH

## Project History/Linkage to Other Plans

### Project history

The NCDOT proposes to improve Rockfish Road (SR 1112), currently a two-lane roadway, to a multi-lane, median-divided roadway from just west of Labonte Drive to just east of Golfview Road (SR 1115) in the Town of Hope Mills.

The project vicinity is comprised primarily of established, medium to high density residential development, with some commercial development and religious institutions towards the west approaching Notblake Road, which intersects with Rockfish Road. Rockfish Road has a functional classification of Minor Arterial with a speed limit of 35 miles per hour (mph).

The project is listed in the 2020-2029 NCDOT State Transportation Improvement Program (STIP) (September 2019) as project U-6072B with right of way and construction both listed as unfunded (implementation in future years).

### Linkage to Other Plans

The proposed project related to the TIP U-4709, Rockfish Road widening project.

The proposed project is consistent with local and regional development goals and plans, such as the FAMPO 2045 MTP, adopted in 2019. It was also part of NCDOT Spot 5.0

## 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

U-6072B project received 5 comments during the survey period. 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.

## Potential Impacts

The following technical studies were completed for the project:

- U-6072B GeoEnvironmental Planning Report, March 7, 2018.
- Natural Resources Technical Report, June 2018.
- Capacity Analysis Technical Memorandum, August 2018.
- Revised Preliminary Hydraulic Technical Report, January 2019.
- Community Impact Assessment, February 2019.

## Additional Information - Environmental

This project is within 150 feet of:

- Land Water Conservation Fund Property(ies)
- Targeted Local Watershed Area(s)

## Additional Information - Title VI

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

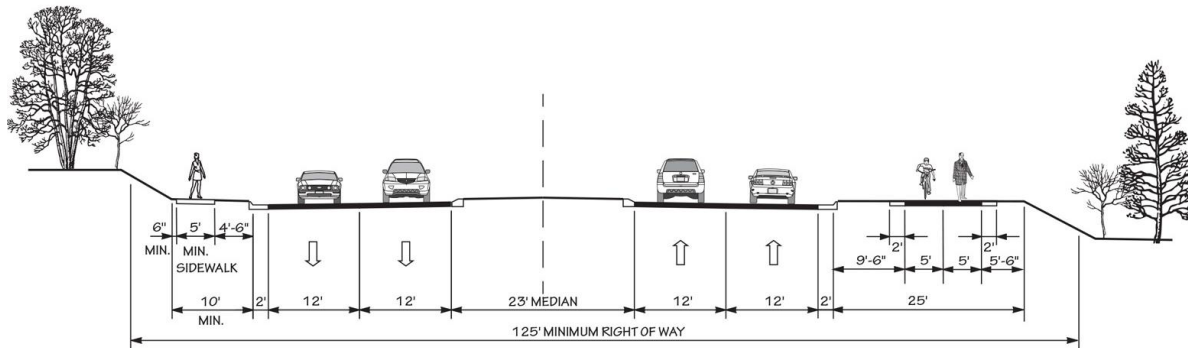
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+

Typical Section Options:

None

# TYPICAL SECTION No. 4J

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



POSTED SPEED 35-45 MPH

- Between 5% and 15% 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
- 0% 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 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