

Cliffdale Road Widening

From McPherson Church Road) to SR 1404 (Morganton Road)

Local ID: U-4404

Purpose: Congestion

Improvement: Widening

Identified Need

Cliffdale Road (SR 1400) 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 proposed project is to implement roadway improvements on Cliffdale Road. Roadway improvements may include adding turn lanes where needed and bike/ped accommodations.



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	02 E
Section Options	04 D
Length (miles)	0.94
Existing ROW (feet)	80
Safety Risk Score	78-100

Proposal Data:	2018 Base Year		2045 Future Year	
	Existing	Without Proposal*	Without Proposal*	With Proposal
Improved Route	Minor Thoroughfare	Boulevard	Boulevard	Boulevard
Facility Type	Minor Thoroughfare	Boulevard	Boulevard	Boulevard
Travel Lanes	2	2	2	2
Volume (vpd)	12500-14000	13200-15600	13200-15600	13100-15500
Capacity (vpd)	10200	10200	10200	10200

* 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%)	-

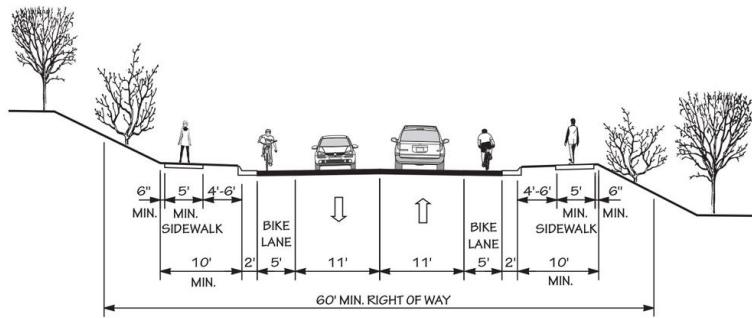


Typical Section Options:

TYPICAL SECTION No. 2E

04 D

2 LANE UNDIVIDED WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project History/Linkage to Other Plans

Fayetteville City Council has passed a resolution in support of no future widening on this section of Cliffdale Road. The City of Fayetteville and NCDOT are working together to determine an appropriate project cross-section. Residents are in support of Bike/Ped facilities but no widening.

The proposed project would improve SR 1400 (Cliffdale Road) from SR 1415 (McPherson Church Road) to SR 1404 (Morganton Road) in Fayetteville. The two-lane undivided roadway will be improved at the McPherson Church Road/Cliffdale Road intersection and the Morganton Road/Cliffdale Road intersection. The project also proposes to include Bicycle and Pedestrian accommodations. The purpose of the project is to increase the traffic carrying capacity and improve safety along the roadway.

The needs from 2000 Feasibility Study include:

- Capacity
- The accident rate along Cliffdale Road within the project limits is three times higher than the statewide rate for similar roads.
- Both roads signalized intersections with Cliffdale Road function at a poor LOS

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-4404 project received no comments 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.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- Flood Hazard Area(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:

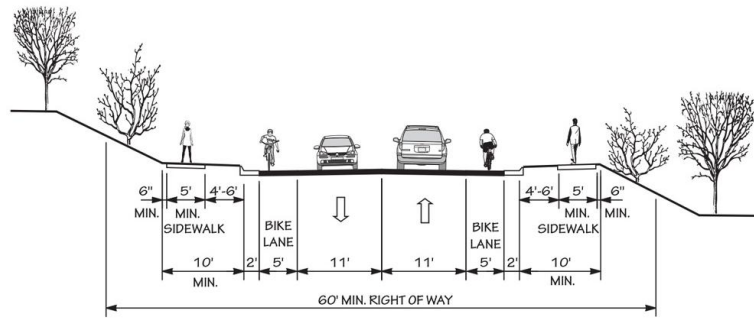
- Between 25% and 50% identify as African American
- Between 25% and 50% identify as 65+
- Between 5% and 15% identify as Asian
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander

Typical Section Options:

TYPICAL SECTION No. 2E

04 D

2 LANE UNDIVIDED WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

- 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