

Cliffdale Rd Access Management

From McPherson Church Road to SR 1403 (S. Reilly Road)

Local ID: U-6209

Purpose: Congestion

Improvement: Improve Existing

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

Construct a concrete median with directional crossovers along Cliffdale Road from SR 1403 (Reilly Road) to McPherson Church Road.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 E
Section Options	04 L
Length (miles)	3.80
Existing ROW (feet)	60-120
Safety Risk Score	78-100

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal*	With Proposal
	Facility Type	Major Thoroughfare Multi-lane	Boulevard
Travel Lanes	5	4	4
Volume (vpd)	20000-40000	27900-45500	27500-46100
Capacity (vpd)	26700-29000	38100	38100

* 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%)	-

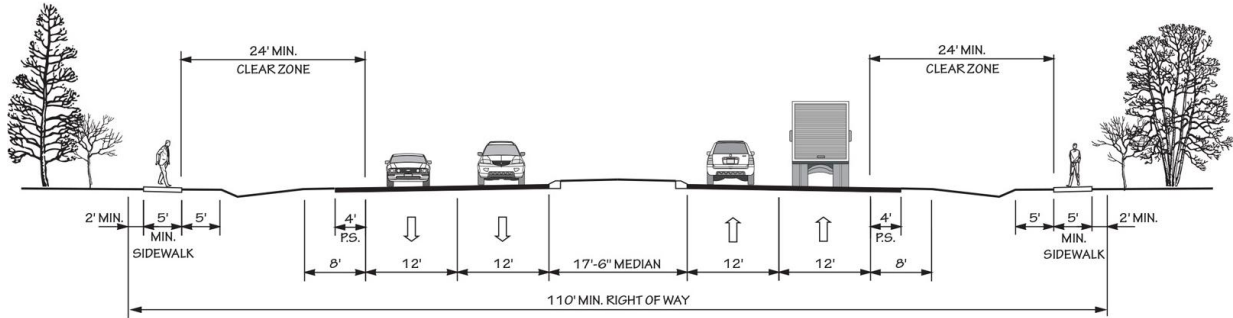


Typical Section Options:

04 L

TYPICAL SECTION No. 4E

4 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH
PAVED SHOULDERS AND SIDEWALKS



POSTED SPEED 35-55 MPH

Project History/Linkage to Other Plans

SPOT 5.0 projects H172089 and H171332 are access management and safety improvement projects along Cliffdale Road, from SR 1403 (Reily Road) to McPherson Church Road. For more information, please contact Division 6 and the following SPOT submittal sheets:

- [H172089](#)
- [H171332](#)

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-6209 project received 8 comments during the survey period. Comments emphasized the need for transit, traffic signal improvements and to address congestion. 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)
- River(s) and Stream(s)-NCIR
- NC CREWS (North Carolina Coastal Region Evaluation of Wetland Significance) Area(s)
- Flood Hazard Area(s)
- National Wetlands Area(s)
- Targeted Local Watershed Area(s)
- Waterbody(ies)

Additional Information - Title VI

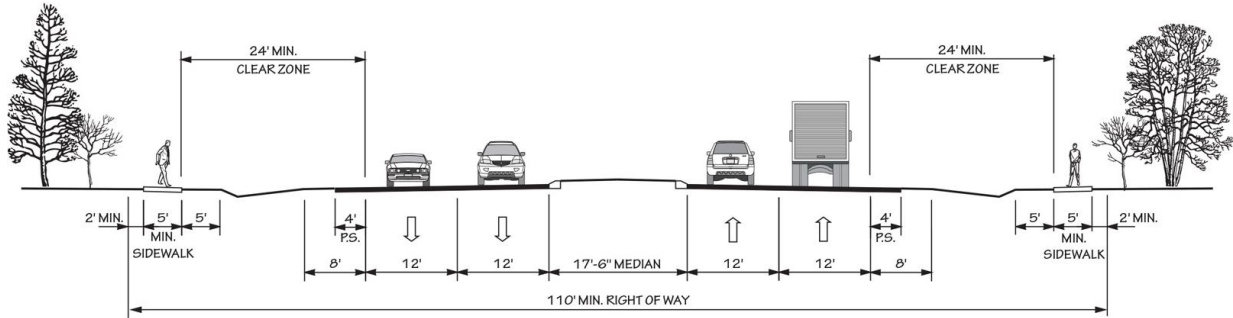
This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 50% and 75% 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
- 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 5% and 15% 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

Typical Section Options:
04 L

TYPICAL SECTION No. 4E

4 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH
PAVED SHOULDERS AND SIDEWALKS



POSTED SPEED 35-55 MPH

- Between 0% and 5% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 20% and 50% identify as Households with No Car