

Santa Fe Dr (SR 1437) Improvements

From Yadkin Rd (SR 1415) to NC 24 (Bragg Blvd)

Local ID: FAMPO007-H

Purpose: Congestion

Improvement: Improve Existing

Identified Need

Santa Fe Dr (SR 1437) in Fayetteville is projected to be over capacity by year 2045. Improvements are needed 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.

Recommendation

The proposal is to convert existing 5-lane undivided roadway (4-lanes w/center turn lane) to 4-lane median divided roadway w/23' raised concrete median, curb & gutter and sidewalks.



Proposal At A Glance	
Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 C
Section Options	-
Length (miles)	1.60
Existing ROW (feet)	80-150
Safety Risk Score	56-89

Proposal Data:	2018 Base Year		2045 Future Year	
	Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Boulevard
Travel Lanes	4	4	4	4
Volume (vpd)	20500-40000	19400-33400	19400-33400	14300-30900
Capacity (vpd)	24300-26700	24300-26700	24300-26700	28100-38100

Capacity Data: Year

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

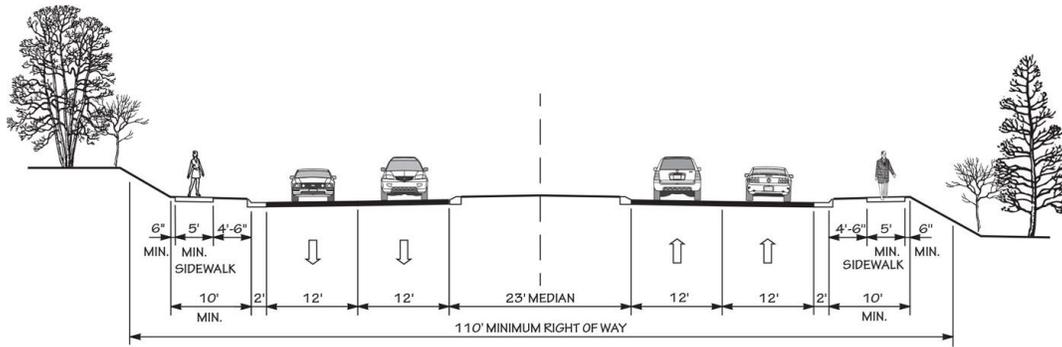


Typical Section Options:

None

TYPICAL SECTION No. 4C

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



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

Santa Fe Drive (SR 1437) is projected to be over capacity by year 2045, and is proposed to be upgraded to boulevard standards.

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

FAMPO007-H received one roadway map marker 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

FAMPO007-H occurs within a Natural Heritage Element Occurrences zone, NC CREWS, Targeted Local Watersheds - EEP, and crosses Beaver Creek.

Additional Information - Environmental

This project is within 150 feet of:

- Hazard Substance Disposal Site(s)
- 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)
- Land Habitat Indicator Guild(s)
- Managed Area(s)
- National Wetlands Area(s)
- Water Supply Watershed 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:

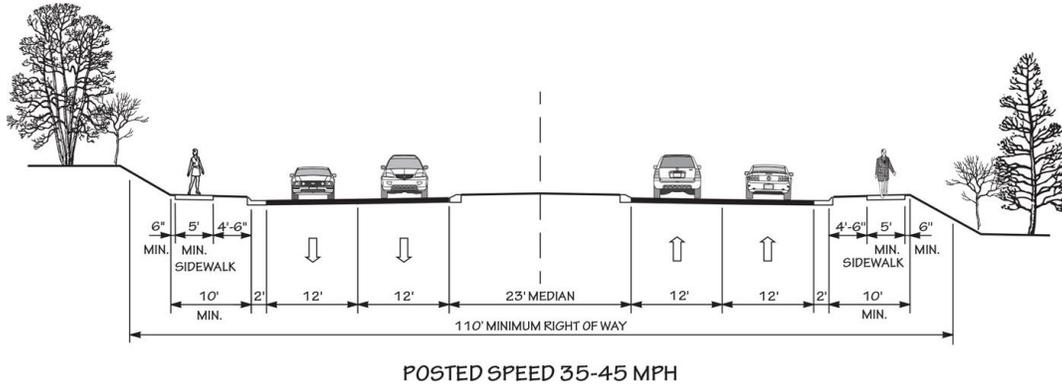
- Between 50% and 75% identify as African American
- Between 25% and 50% identify as 65+
- Between 5% and 15% identify as Asian
- Between 2.5% and 10% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- Between 5% and 15% identify as Over 18 w/ Limited English 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

Typical Section Options:

None

TYPICAL SECTION No. 4C

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



- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 5% identify as Some Other Race
- Between 15% and 20% identify as Two of More Races
- Between 20% and 50% identify as Households with No Car