

NC 27 Improvements

From NC 24 to Docs Rd (SR 1116)

Local ID: HARN0012-H

Purpose: Mobility

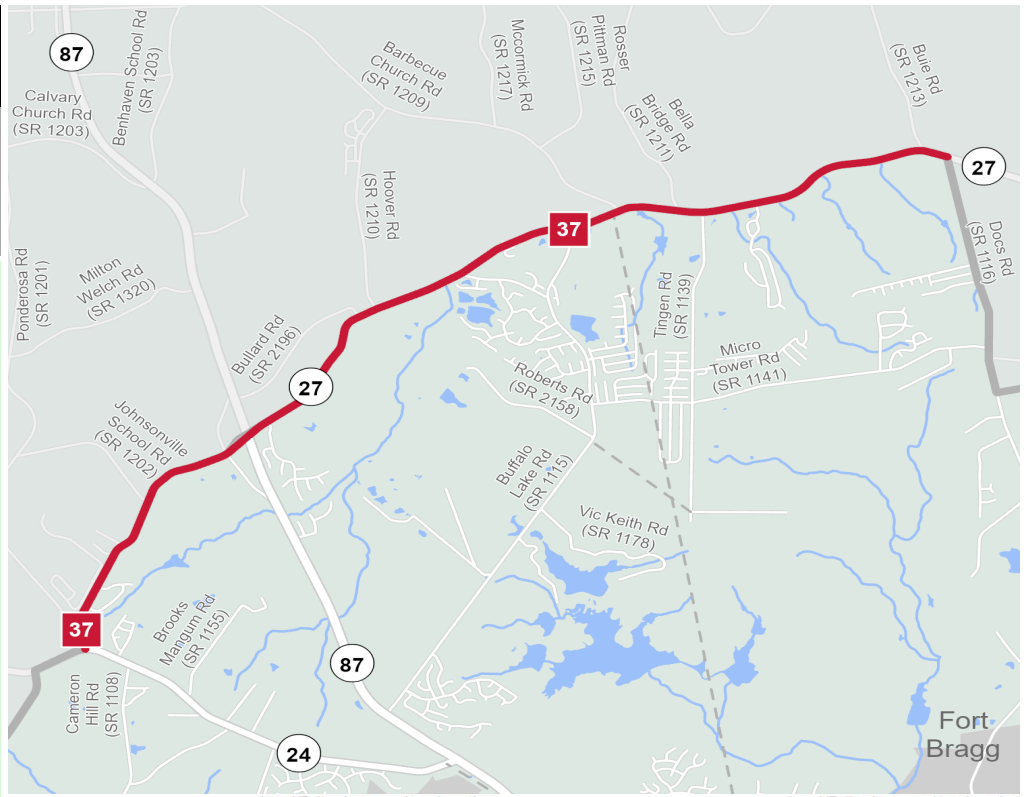
Improvement: Widening

Identified Need

NC 27 is a major travel route in Western Harnett County and connects to NC 87 and NC24 and local airports. Expected increase in population due to military expansion will drive the need for new residential and commercial development in this part of Harnett County.

Recommendation

NC 27 between NC 24 and the proposed US 401 Bypass, was first identified in the 2011 Harnett County CTP, as a widening project. The CTP project proposal (Local ID HARN0012-H) is to provide a four-lane boulevard facility with a 30-foot grass median.



	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 A
Section Options	-
Length (miles)	8.10
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	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Boulevard
Travel Lanes	2	2	4
Volume (vpd)	5800-7700	8500-11700	7600-12800
Capacity (vpd)	14600-15900	14600-15900	43300-49000

Capacity Data: Year

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

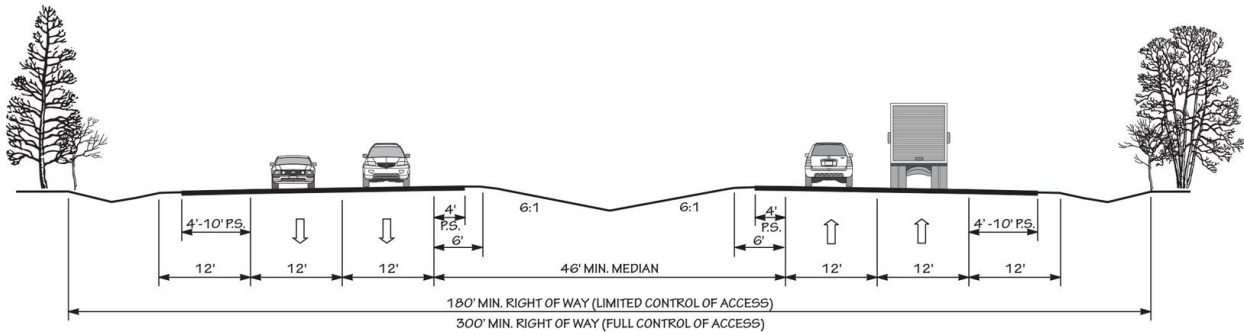


Typical Section Options:

TYPICAL SECTION No. 4A

None

4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS



POSTED SPEED 45-70 MPH

Project History/Linkage to Other Plans

NC 27 is a major travel route in Western Harnett County and connects to NC 87, a major north-south travel route and NC 24, a major east-west travel route. Expected increase in population due to military expansion will drive the need for new residential and commercial development in this part of Harnett County. NC 27 between NC 24 and the proposed US 401 Bypass, was first identified in the 2011 Harnett County CTP, as a widening project. The CTP project proposal (Local ID HARN0012-H) is to provide a four-lane boulevard facility with a 30-foot grass median.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- River(s) and Stream(s)-NCIR
- Flood Hazard Area(s)
- National Wetlands Area(s)
- Water Supply 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 15% and 25% 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 5% and 15% 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 20% and 50% identify as Households with No Car