

NC 71 Improvements

From NC 71 (north of Mc Neill St.) to NC 71 (west of Parkton municiple limits)

Local ID: **ROB0010-H**

Purpose: **Congestion**

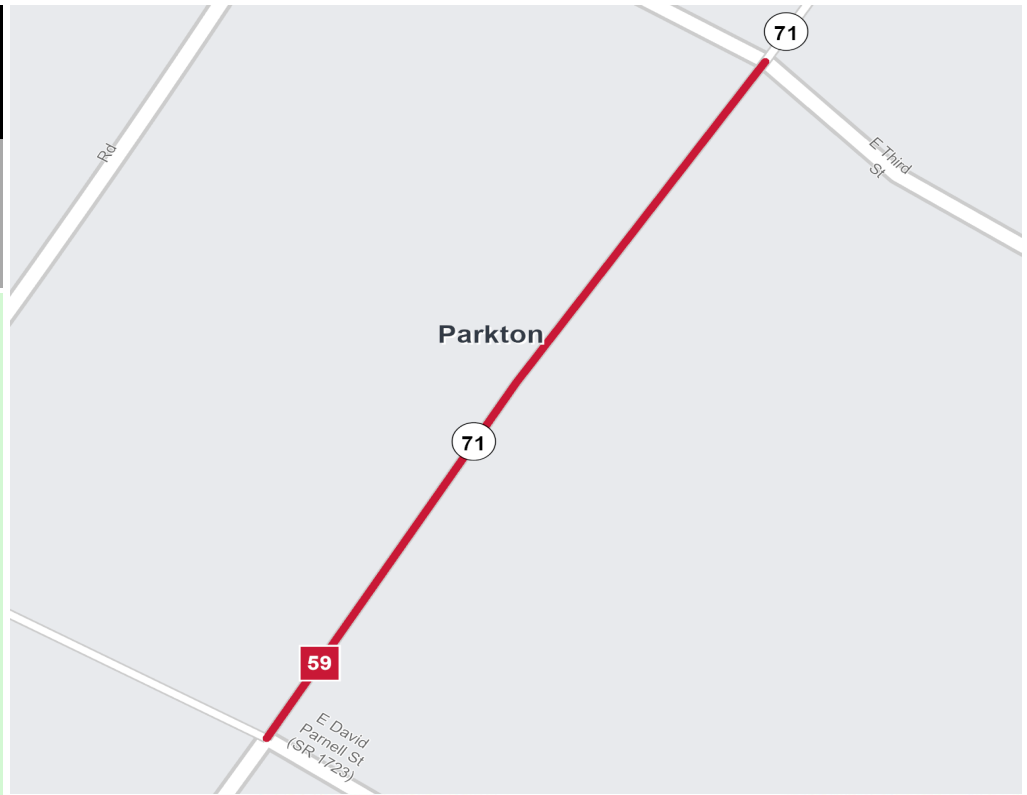
Improvement: **Improve Existing**

Identified Need

NC 71 within Town of Parkton is projected to be near capacity by year 2045. Improvements to NC 71 within Town of Parkton are needed to accommodate projected traffic in order to maintain LOS D.

Recommendation

The project proposal is to improve NC 71 to 2-lane with center left turn lane and sidewalks.



	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	Major Thoroughfare 2-lane
Typical Section	03 B
Section Options	-
Length (miles)	0.07
Existing ROW (feet)	60
Safety Risk Score	89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	8800	9500	10000
<i>Capacity (vpd)</i>	11100	11100	12700

Capacity Data: Year

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

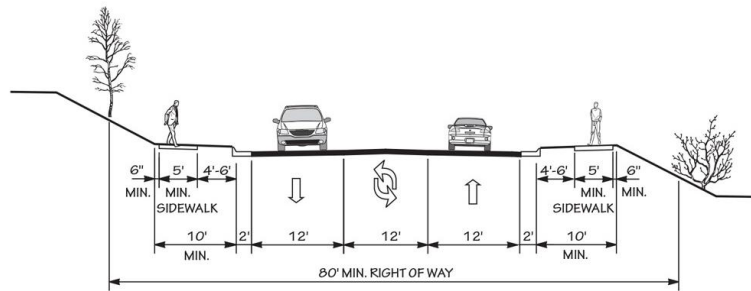


Typical Section Options:

None

TYPICAL SECTION No. 3B

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project History/Linkage to Other Plans

The 2011 Robeson County CTP includes highway projects ROB0008-H and ROB0010-H:

- ROB0008-H: A 2-laned major thoroughfare bypass of Parkton is recommended to provide better mobility and relieve anticipated deficiencies along existing NC 71
- ROB0010-H: Improve existing NC 71 to 2-lane with center left turn lane within the town limits of Parkton.

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

ROB0010-H 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.

Other Information

During the project development alternative analysis phase, the Parkton Bypass alternative may be analyzed.

It was documented in the 2011 Robeson County CTP. Parkton Bypass may aid in relieving the projected congestion on NC 71 in Parkton downtown area. FAMPO Travel Demand Model was used for scenerio analysis.

Scenario analysis for ROB0008-H and ROB0010-H projects traffic projections are listed below:

- ROB0008-H: A 2-laned major thoroughfare bypass of Parkton is recommended to provide better mobility and relieve anticipated deficiencies along existing NC 71- Traffic volume on NC 71 within Parkton Downtown is projected to decrease from 8800 vpd in 2018 to 5700 vpd in year 2045. The 2045 traffic projections for Parkton Bypass is 6500vpd.
- ROB0010-H: Improve existing NC 71 to 2-lane with center left turn lane within the town limits of Parkton- Traffic volume on NC 71 within Parkton downtown is projected to increase from 8800 vpd in 2018 to 9500 vpd in year 2045.

Additional Information - Environmental

This project is within 150 feet of:

- Targeted Local Watershed Area(s)

Additional Information - Title VI

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

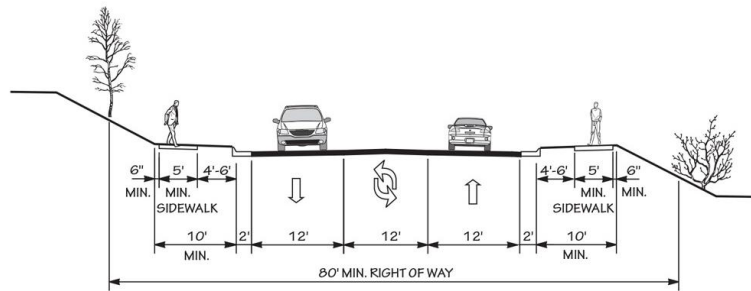
- Between 25% and 50% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander

Typical Section Options:

None

TYPICAL SECTION No. 3B

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 25-45 MPH

- Between 5% and 15% 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 0% and 5% 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
- 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