

Turnpike Road (SR-1251) Improvements

From US 401 to SR 1311 (Mockingbird Hill Road)

Local ID: H192127

Purpose: Facility Deficiencies

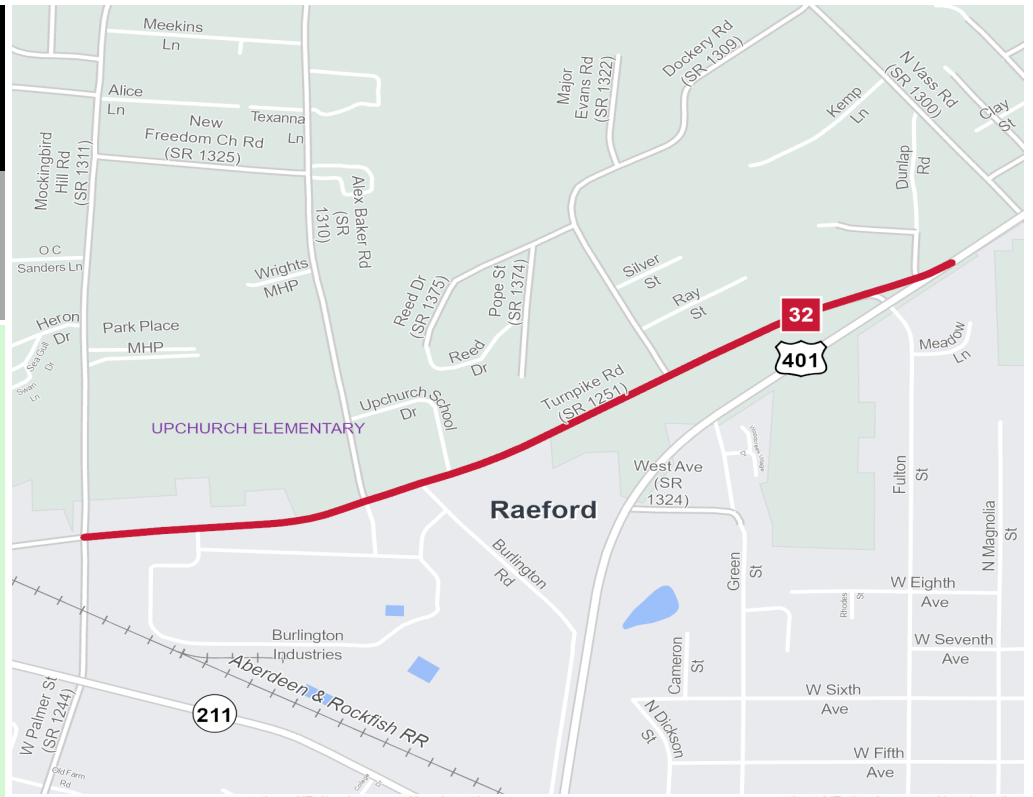
Improvement: Improve Existing

Identified Need

Turnpike Road (SR 1251) is a major facility that connects NC 211 and US 401 in the City of Raeford. It is also one of the major facilities that has a large percentage of truck traffic. Improvements are needed to accommodate truck traffic safely and to improve mobility.

Recommendation

The project proposal for H192127 includes widening of lanes, shoulder, and addition of turn lanes.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Minor Thoroughfare
Typical Section	02 A
Section Options	-
Length (miles)	1.10
Existing ROW (feet)	-
Safety Risk Score	11-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	6600	8200	7600-8100
Capacity (vpd)	10500	10500	10500

Capacity Data: Year

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

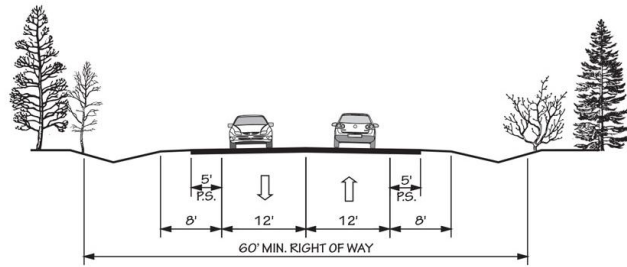


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project History/Linkage to Other Plans

Project history and Linkage to Other Plans

The proposed project is consistent with local and regional development goals and plans and is included in NCDOT Spot 6.0.

R-5709, NC 211 improvements at Mockingbird Hill Rd (SR 1311) is directly related to this project.

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

H192127 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.

Potential Impacts

It would further improve upon the proposed project R-5709 strengthen the regional connection between Fayetteville and Raeford.

H192127 occurs within a Natural Heritage Element Occurances zone.

Burlington warehouse is located along this roadway, that employs between 250 and 499 employees. There is an elementary school and Hoke County School Maintenance Yard and other businesses are located along this roadway.

Additional Information - Environmental

This project is within 150 feet of:

- River(s) and Stream(s)
- National Wetlands Area(s)
- Targeted Local Watershed Area(s)
- State Park(s)

Additional Information - Title VI

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

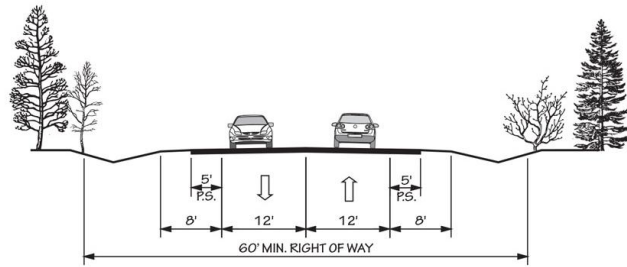
- Between 75% and 100% identify as African American
- Between 25% and 50% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - 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

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

- Between 0% and 15% identify as Native American
- Between 25% and 50% 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 0% and 15% identify as Households with No Car