

Russell Street Modernization

From Robeson Street to Cape Fear River
Trail near Person Street

Local ID: H193215

Purpose: System Linkage

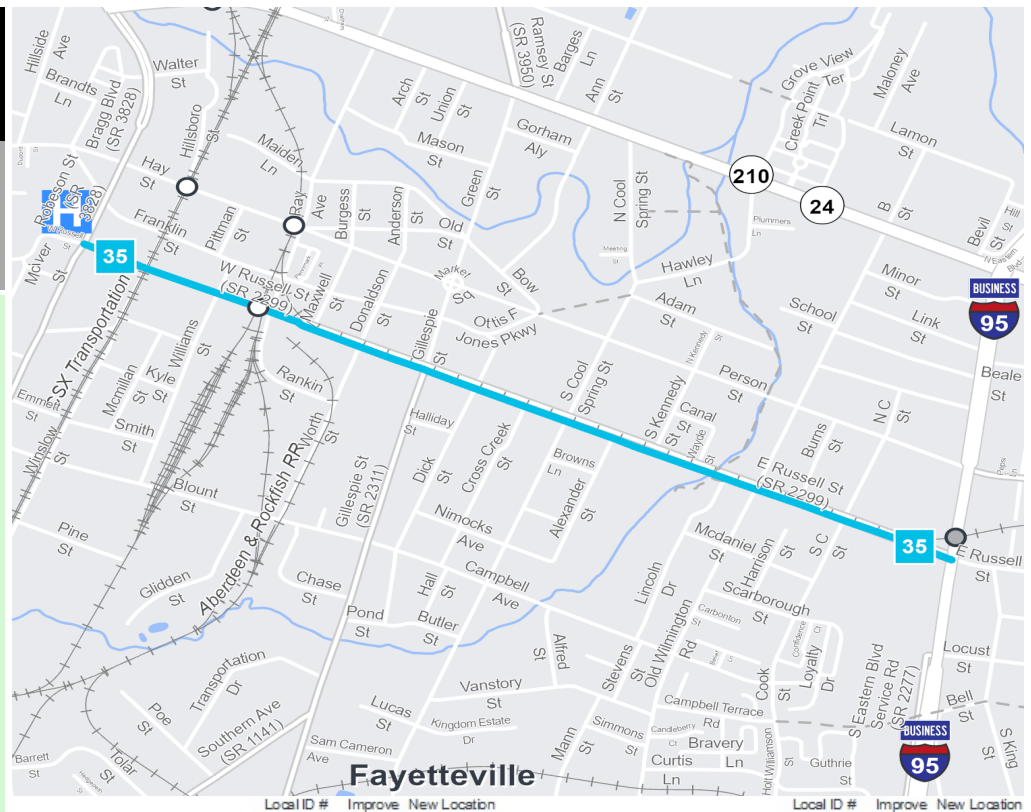
Improvement: Improve Existing

Identified Need

The Russell Street Modernization project is a Division need project that provides connectivity to the river trail.

Recommendation

The project proposal is to modernize the roadway to complete street standards with sidewalks and bike lanes or multi-use path on both sides. This project may be a analyze for road-diet considerations.

**Proposal At A Glance**

Highway Class	Modernization
Facility Type	Boulevard
Typical Section	04 D
Section Options	-
Length (miles)	1.40
Existing ROW (feet)	50-80
Safety Risk Score	44-89

Proposal Data: 2018 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Boulevard	Boulevard	Boulevard
Travel Lanes	4	4	4
Volume (vpd)	7200-9300	8500-10400	8400-10300
Capacity (vpd)	22200-28100	22200-28100	22200-28100

Capacity Data: Year

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

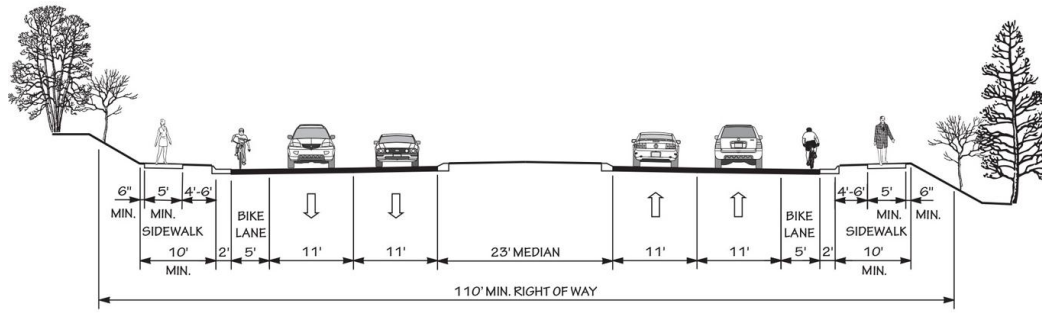


Typical Section Options:

None

TYPICAL SECTION No. 4D

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



POSTED SPEED 35-45 MPH

Project History/Linkage to Other Plans

H193215 connects to Cape Fear River Trail Project (B141302). H193215 was first created in SPOT 6.0. This project may be analyzed for road-diet considerations.

*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

H192433 project received 8 comments during the survey period. Comments emphasized the need for transit, bicycle, and pedestrian accommodations. 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:

- Hazard Substance Disposal Site(s)
- River(s) and Stream(s)
- River(s) and Stream(s)-NCIR
- Flood Hazard Area(s)

- National Wetlands Area(s)
- Targeted Local Watershed Area(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 0% and 25% 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
- 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 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- Between 0% and 15% identify as Native American
- Between 50% and 75% 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 20% and 50% identify as Households with No Car