

SR 1176 (Bridges Street) Extension

From SR 1738 (Bridges St) to SR 1147
(McCabe Rd)

Local ID: R-5727

Purpose: System Linkage

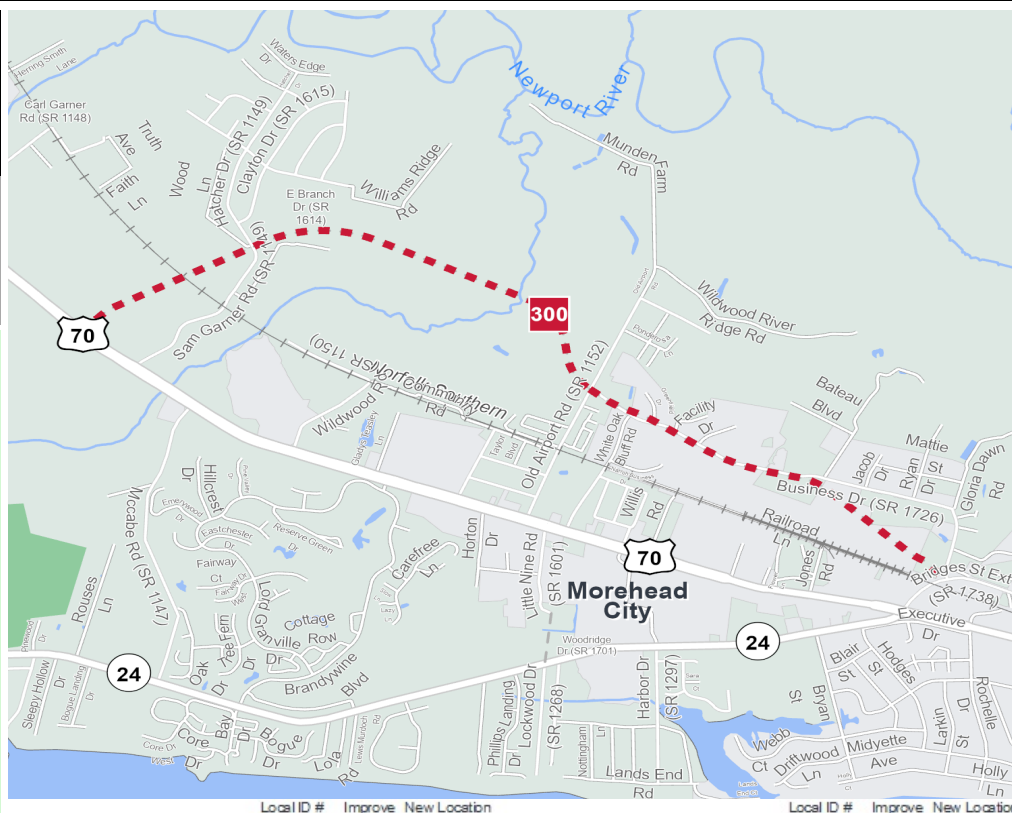
Improvement: Improve Existing

Identified Need

The primary need for this project is to reduce the congestion along US 70.

Recommendation

R-5727 proposes the extension of Bridges Street to the vicinity of Newport that also includes widening, construction on a new location, a 4-lane median-divided facility with curb and gutter, wide outside travel lanes, and multiuse path from the segment Old Airport Rd to Bridges St.



Congestion / Mobility

Access Management / Operations

Modernization

Other

Local ID # Improve New Location

Local ID # Improve New Location

Interchange

Bridge / Overpass

Intersection

Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 D
Section Options	-
Length (miles)	3.40
Existing ROW (feet)	
Safety Risk Score	-

Proposal Data:

2019 Base Year

2050 Future Year

New Location	Existing	Without Proposal	With Proposal
Facility Type	-	Boulevard	Boulevard
Travel Lanes	-	4	4
Volume (vpd)	-	16000-19000	15000-18000
Capacity (vpd)	-	34300	34300

Capacity Data: Year

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

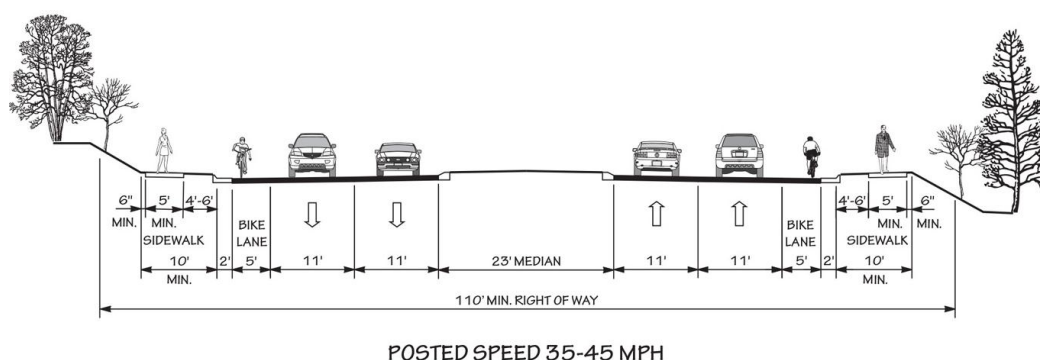


Typical Section Options:

None

TYPICAL SECTION No. 4D

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

**Project History/Linkage to Other Plans**

The 2014 Carteret County Comprehensive Transportation Plan (CTP) includes the proposed R-5727 project. This CTP included a park-and-ride lot at the intersection of US 70 and NC 24 and a fixed bus route from the lot to 4th Street.

The Morehead City Pedestrian Plan (2011) identifies mid-to long-term projects in the study area including sidewalks on US 70 from Bridges Street to Jones Road and Rochelle Drive to Jackson Street, McCabe Road, Old Airport Road from US 70 to Business Drive, Business Drive, Gloria Dawn Road. The plan also recommends installing a high visibility crosswalk at West Carteret High School, and sidewalks and intersection redesign of the Community Driverailroad crossing.

The Morehead City Comprehensive Bicycle Plan (2006) identifies an at-grade NCRR crossing at Old Airport Road and Bridges Street Extension in order to facilitate bicycle crossing. The plan also recommends the construction of several bicycle routes; those that involve the project study area include the proposed Coral Bay, Prosperity, and Swinson Loops. These loops are proposed to consist of either paved shoulders or multi-use path. For example, Prosperity Loop plans include a multi-use path along the north side of US 70 between McCabe Road and Sam Garner Road.

The Town of Morehead City Core Land Use Plan (2007) defines areas of the Town by neighborhoods. The proposed project is located within Neighborhood 8, which is generally referred to as Wildwood. The plan indicates that the growth potential in this area is high where adequate support utilities can be extended, and industrial development is projected along the existing Business Drive Extension and railroad. The Crystal Coast Business Park is identified as one of three industrial hubs in Carteret County.

CTP Goal Analysis**Goals and Objectives Survey**

The vision for Carteret County is to have a safe, diverse, efficient, integrated, and environmentally sensitive and sustainable multi-modal transportation system for its residents, visitors, and businesses. The Carteret County CTP goals include: promoting a safer and more secure transportation network, creating a more efficient transportation system, providing an integrated and multimodal transportation network, supporting regional growth in the transportation network, preserving the social and environmental character of the region, extending the life of the transportation system by developing sustainable transportation solutions, and anticipating future needs of the area in terms of resiliency and flooding.

Public Comments

This Carteret County CTP survey was open from March 1st, 2023 to April 30th, 2023 and there was an English and Spanish version of the survey. There were a total of 439 participants and 1,387 comments as pins on the map were received. This project received 15 comments as pins during the online survey. The main concerns were congestion, accidents, and bicycle and pedestrian needs.

All environmental data in the database was considered. This Project is within 150 feet of:

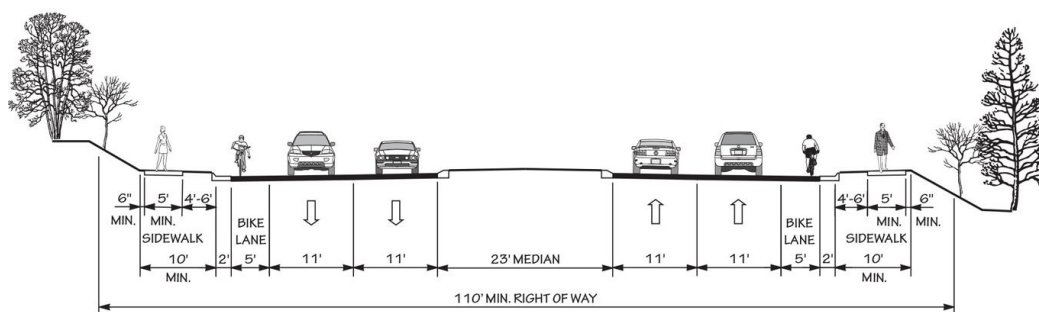
- 4 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 13 Flood Hazard Area Feature(s)
- 3 Landscape Habitat Indicator Guild Feature(s)
- 2 Managed Area Feature(s)
- 2 Natural Heritage Element Occurrence Feature(s)
- 21 Wetland Feature(s)
- 10 River And Stream Feature(s)

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

- 3 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)
- 2 Target Local Watershed Feature(s)

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

- Between 0% and 25% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car