

NC 101 Realignment near Michael J Smith Airport

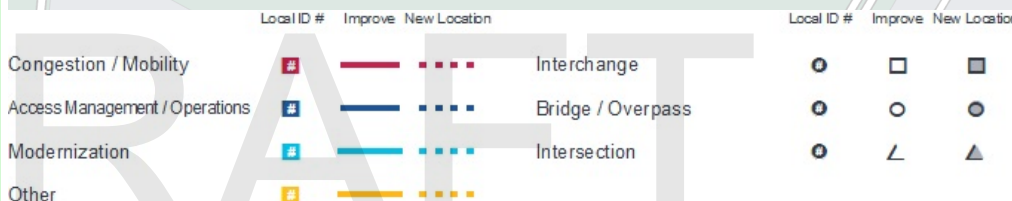
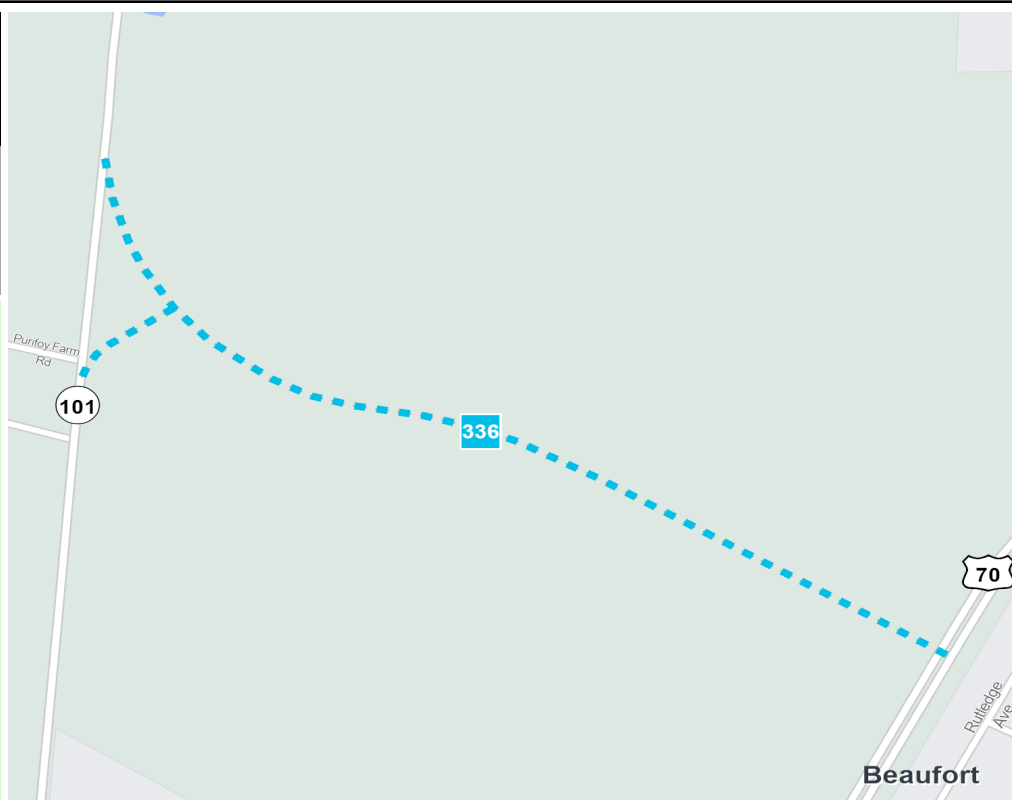
From NC 101 to US 70

Local ID: **CART30039-H**Purpose: **System Linkage**Improvement: **New Location****Identified Need**

Modernize and realign NC 101 due to the runway expansion of the nearby airport.

Recommendation

Modernize roadway through realignment of road due to runway expansion at the Michael J Smith Airport.

**Proposal At A Glance**

| | |
|---------------------|---------------|
| Highway Class | Modernization |
| Facility Type | Freeway |
| Typical Section | 04 A |
| Section Options | - |
| Length (miles) | 0.78 |
| Existing ROW (feet) | |
| Safety Risk Score | - |

Proposal Data: 2019 Base Year 2050 Future Year

| New Location | Existing | Without Proposal | With Proposal |
|----------------|----------|------------------|---------------|
| Facility Type | - | - | Freeway |
| Travel Lanes | - | - | 4 |
| Volume (vpd) | - | - | 6500 |
| Capacity (vpd) | - | - | 63000 |

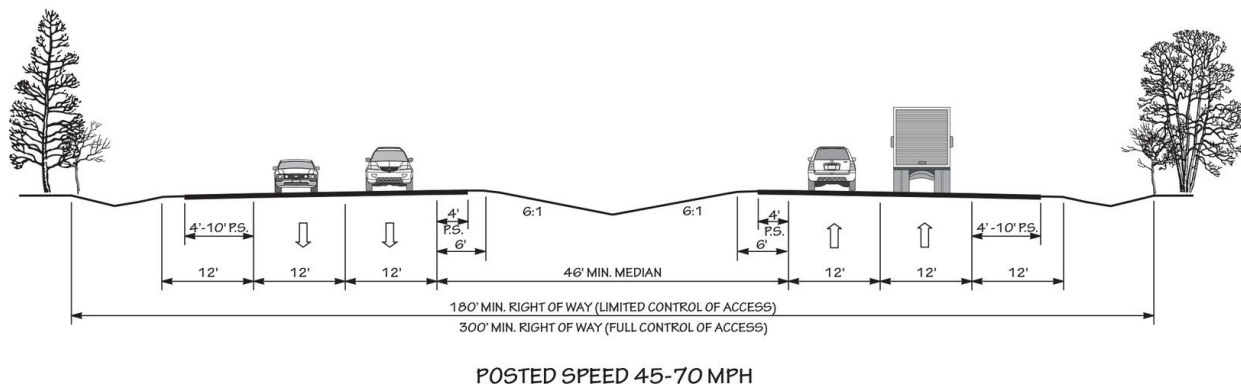
Capacity Data: Year

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



Typical Section Options:

None

TYPICAL SECTION No. 4A**4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS****Project History/Linkage to Other Plans**

This project was discussed in the steering committee meetings and brought up in the public input sessions. Discussed with the consultant designing this project and this was the current draft alignment given as of May, 2025. This project is active because of the preliminary design funds from the airport and from direct allocation money from the legislative. This also has an old feasibility project number of A-171560. This project connects into the proposed Northern Carteret Bypass project (R-4431).

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. This recommendation realigns the airport runway and helps to create a more efficient transportation network.

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 and there were no comments here.

Other Information**Environmental Data**

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

- 5 Coastal Region Evaluation Of Wetland Significance Feature(s)
- 2 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 1 Impaired Waters Line Feature(s)
- 5 Wetland Feature(s)
- 3 River And Stream Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

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

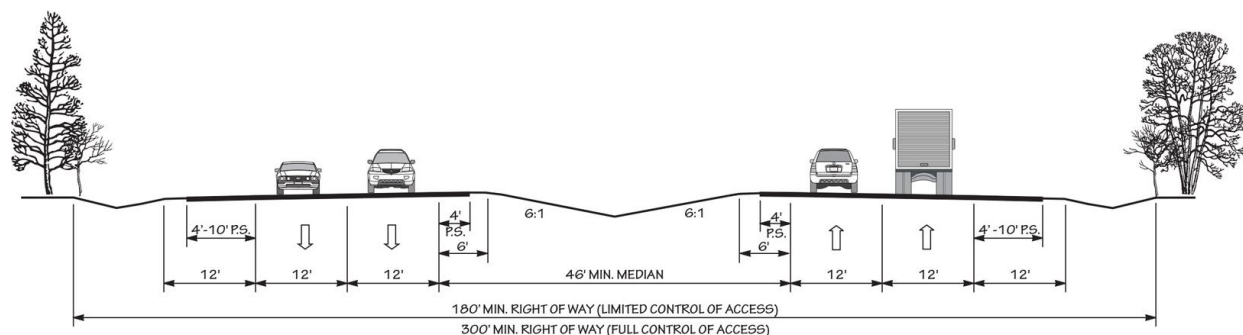
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Two of More Races

Typical Section Options:

None

TYPICAL SECTION No. 4A

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



POSTED SPEED 45-70 MPH

- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

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