



NORTH CAROLINA

Department of Transportation

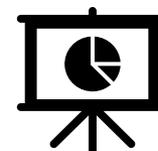


Brunswick County Comprehensive Transportation Plan Update

June 2023

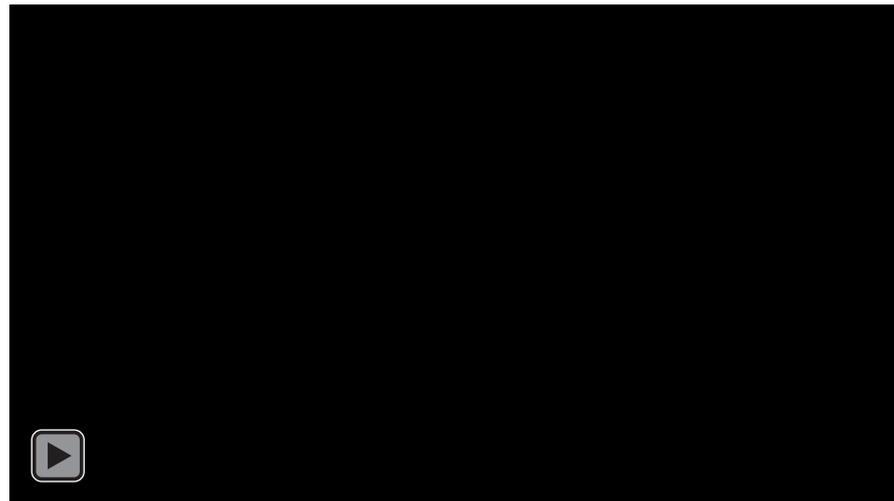
Recap in February

- The committee met after the pause in February
- Draft Report sent for review on *2/27*
- Update to local council and boards



Public Involvement

- In-person open house drop in sessions
- Virtual feedback



In-person feedback

We need rail through the county from Myrtle Beach to Wilmington

More EV Chargers

More left turn lanes everywhere

Love the multiuse path recommendations!

Wider paved shoulders

Need more infrastructure

County is growing too fast with new developments

Bike and Ped recommendations really help disadvantaged populations

More greenways or multiuse near existing and new developments

More right turn lanes on NC 179 and NC 904

We do not want traffic here like there is in Raleigh

Bike and Ped helps lower carbon emissions/congestion

Virtual feedback

“Stop the growth, leave greenspace for wildlife, nice views and air quality”

“Please no roundabouts, we fought a war so we would not have to follow British leads”

“We need a true freeway; I like the recommendation for Carolina Bays Parkway. Anything less than this will not work long term. Please plan for full cloverleaf interchanges”

“Instead of new highways, can't we just upgrade US 17? There are too many developments”



“Make the county less car centric”

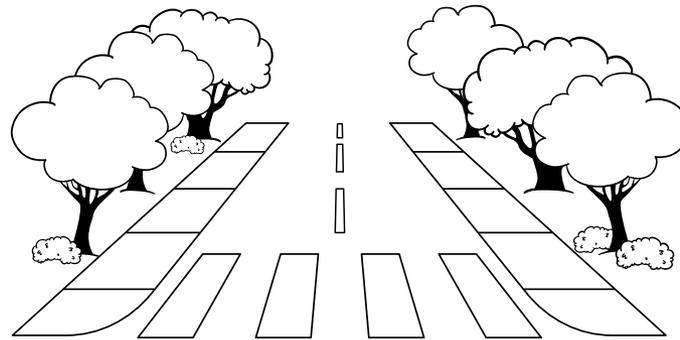
“Just focus on maintenance: potholes and mowing”

“There needs to be *more* ‘new roads’ on the plan to handle growth”

“Antenna Road should be done. It would increase efficiency from BSL to NC 906 and create bike/ped paths along the new road”

Public Involvement Feedback

- Project changes to CTP
 - NC 87 through BSL
 - NC 179 through Calabash
 - Beach Drive Sidewalks Oak Island
 - E. Moore Street Sidewalk to MU
 - Removal of park-and-ride on Caswell Beach
 - Removal of bike lane on Caswell Beach

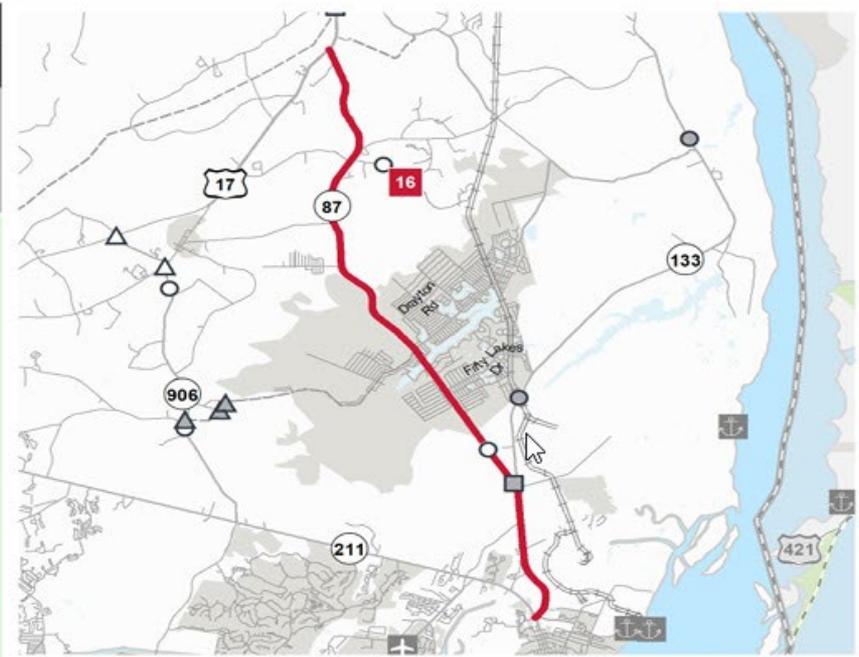


NC 87

N.C. 87
 From N.C. 211 to U.S. 17
 Local ID: BRUN30016-H
 Purpose: Congestion
 Improvement: Widening

Identified Need
 This road exceeds capacity in both BY and FY (no build). The primary purpose for this project is to relieve congestion; the secondary purpose is to improve mobility. Access is also important along this roadway (center turning left lanes).

Recommendation
 The proposal is to widen NC 87 to 5 lanes with 12-foot lanes. The existing facility is 2 and 3 lanes. A multi-use path is being recommended from north town limits to south town limits; this comes from the City of Boiling Springs Lakes Pedestrian Plan.



Proposal At A Glance

| | |
|---------------------|-----------------------|
| Highway Class | Congestion & Mobility |
| Facility Type | Boulevard |
| Typical Section | 05 B |
| Section Options | 05 A |
| Length (miles) | 15.1 |
| Existing ROW (feet) | 100-150 |
| Safety Risk Score | 100 |

Proposal Data:

| | 2017 Base Year | | 2045 Future Year | |
|----------------|---------------------------|---------------------------|------------------|--|
| Improved Route | Existing | Without Proposal | With Proposal | |
| Facility Type | Major Thoroughfare 2-lane | Major Thoroughfare 2-lane | Boulevard | |
| Travel Lanes | 2 | 2 | 4 | |
| Volume (vpd) | 3996-18630 | 6000-28000 | 2200-16200 | |
| Capacity (vpd) | 12800-15500 | 12800-15500 | 38100-47200 | |

N.C. 179 (Old Georgetown Road)

From N.C. 904 (Seaside Road) to N.C. 179 BUS (Beach Drive)

Local ID: H141156

Purpose: Congestion

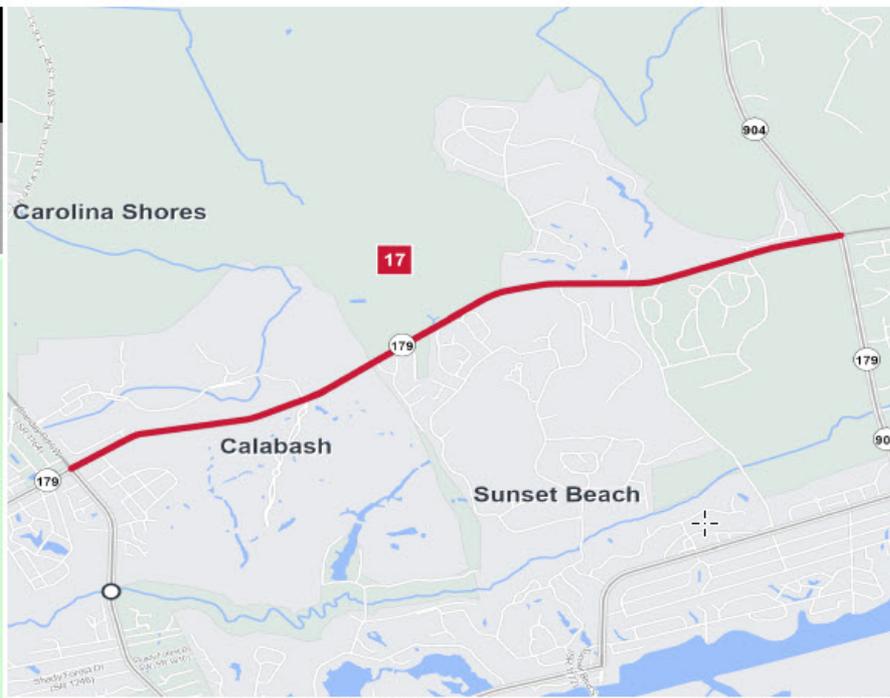
Improvement: Widening

Identified Need

This is a rapidly growing corridor. Portions of the road are nearing capacity in BY and over capacity in FY no-build.

Recommendation

The project proposal is to widen from 2 lanes undivided to a 4 lane divided roadway with paved shoulders and a side path. A multi-use path is being recommended along NC 179 from the South Carolina border to US 17 Business and is part of the East Coast Greenway Plan.



| | | | | | | |
|--------------------------------|--|--|-------------------|--|--|--|
| Congestion / Mobility | | | Interchange | | | |
| Access Management / Operations | | | Bridge / Overpass | | | |
| Modernization | | | Intersection | | | |
| Other | | | | | | |

Proposal At A Glance

| | |
|---------------------|-----------------------|
| Highway Class | Congestion & Mobility |
| Facility Type | Boulevard |
| Typical Section | 04 I |
| Section Options | 04 K |
| Length (miles) | 3.76 |
| Existing ROW (feet) | 60 |
| Safety Risk Score | 89 |

| Proposal Data: | 2017 Base Year | | 2045 Future Year | |
|----------------|--------------------|--------------------|--------------------|---------------|
| | Improved Route | Existing | Without Proposal | With Proposal |
| Facility Type | Major Thoroughfare | Major Thoroughfare | Major Thoroughfare | Boulevard |
| | 2-lane | 2-lane | 2-lane | |
| Travel Lanes | 2 | 2 | 4 | |
| Volume (vpd) | 9323-11909 | 17500-21400 | 15100-17500 | |
| Capacity (vpd) | 12800-14600 | 12800-14600 | 38100 | |

NC 179

Oak Island Sidewalk

- Beach Drive



E. Moore

N.C. 211 (E Moore Street)

From E. Moore Street to Ferry Road

Proposal Length: 1.38 miles

Identified Need

There is a lack of sidewalks along this facility and makes it dangerous for resident.

Recommendation

Sidewalk along E Moore St from NC 211 (E Howe St) to NC 211 (Ferry Rd). This project is recommended in the adopted City of Southport Comprehensive Pedestrian Transportation Plan. Refer to this plan for further information.

Project History/Linkage to Other Plans

People have to walk on the streets since there is no sidewalk, which makes it very dangerous for both pedestrians and drivers.

CTP Goal Analysis

Goal: Promote a safer and more secure transportation network through crash reduction, enhanced reliability and predictability, and improved emergency coordination.

Local ID: BRUN30004-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

| | |
|--------------------|------------------------------|
| Facility Type: | Major Thoroughfare 2-lane |
| Travel Lanes: | 2 |
| Speed Limit (mph): | 35 |
| % Trucks: | 3.56 |
| ROW (ft): | 60-100 |
| 2017 Volume(vpd): | 1700 |
| 2045 Volume(vpd): | 1000 |

Caswell Beach Project Removals

Local ID: BRUN40011-B

Classification: Bicycle

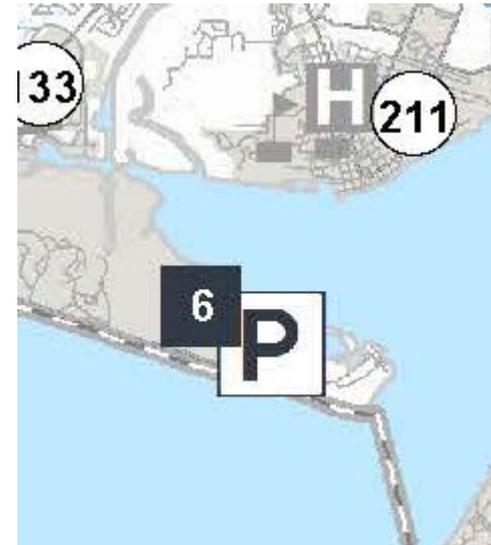
Location: Within Right of Way



6

Park-and-Ride 6: 

Caswell Beach Public Beach Access: Caswell Beach, NC 28465 | 0.0 miles
Caswell Beach Public Beach Access

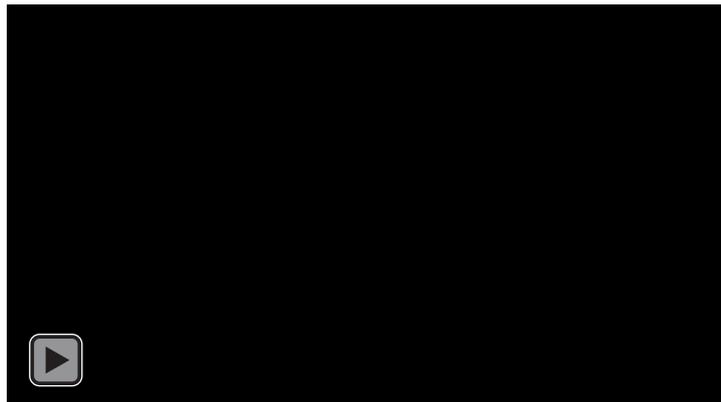


Public Involvement Feedback

- Additional report changes:
 - Crosswalks
 - EV Chargers

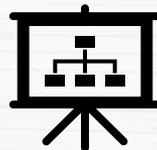
Final Feedback

- Feedback from committee
- Last Meeting
- Overall recap



Next Steps

-  Update CTP based on changes
-  Two-week committee review; two reviews by TPD management (each about 8 weeks)
-  Presentations to adopting agencies
-  Local and NCDOT adoptions



Adjourn

Contacts:

Sam Boswell

Cape Fear Rural Planning Organization Regional Planner

910.395.4553

sboswell@capefearcog.org

Nazia Sarder

NCDOT Transportation Planning Division Engineer

919.707.0980

nsarder@ncdot.gov

THANK
YOU!

