

## Welcome to the Public Meeting

Welcome to the public meeting for Carolina Bays Parkway Extension project. The NC Department of Transportation and the SC Department of Transportation appreciate your attendance this evening!

The purpose of this meeting is to provide information concerning the proposed Carolina Bays Parkway Extension project and to receive your comments on the corridor concepts being proposed for study. You will have the opportunity to learn more about the project, engage with the project team and provide written comments. Your comments will help the project team determine the corridors that will be studied in detail as the project progresses.

## Project Description

NCDOT and SCDOT plan to extend Carolina Bays Parkway (S.C. 31) from S.C. 9 in Horry County, South Carolina, across the state line to U.S. 17 in Brunswick County, North Carolina. The project is expected to involve the construction of a multi-lane, full control of access freeway, with parts on existing roadways, and new location.

The proposed project is approximately 19 miles in length; 5 miles in SC and 14 miles in NC.

The proposed improvements being studied include both a four and six-lane typical section, with 12-foot travel lanes, 46-foot median and 12-foot paved shoulders.

The purpose of the project is to improve the transportation network in the study area by enhancing mobility and connectivity for traffic moving in and through the project area.

Many intersections and roadway segments in the study area are expected to either approach or exceed the roadway capacity limits by 2040.

Based on preliminary cost estimates, the NC portion of the project is approximately \$367 million and the SC portion is approximately \$185 million, for a total estimated project cost of \$552 million (subject to change).

### *What is Full Control of Access?*

- » Access to the highway will be through interchange ramps only
- » No private driveway connections will be allowed

## Public Meeting Overview

The meeting this evening is “open house” format between 4 p.m. and 7 p.m. NCDOT and SCDOT project representatives are located around the room to discuss the project with you and answer any questions you may have. There will not be a formal presentation.

- » Comment forms are attached to this handout and can be filled out tonight, returned by mail to the address on the form, sent to the Project Email, or submitted on the Public Input site. Refer to the comment form for return details. Please return all comments no later than January 10. All comments will become part of the public record for this project.
- » If you prefer to record your comments, please see a project representative at the registration table.





# Carolina Bays Parkway Extension

## Corridor Concepts

Nine corridor concepts have been developed for the proposed project. The concepts are shown on the attached map.

Each of the concepts begin at the existing Carolina Bays Parkway/S.C. 9 interchange in South Carolina and end at the U.S. 17 Shallotte Bypass in North Carolina. The location of the tie-in to existing U.S. 17 varies by corridor concept; however, all concepts would use existing U.S. 17 for approximately 6.3 miles between N.C. 904 (Longwood Road/Seaside Road) and N.C. 130 in Brunswick County. Three existing intersections are proposed for conversion to interchanges along this section of U.S. 17, including N.C. 904, Ocean Isle Beach Road, and U.S. 17 Business (Main Street).


The nine concepts were developed to minimize impacts to natural and human environment features such as homes, businesses, wetlands, and streams. The concepts shown are much wider than the area needed for a future road. The study corridors shown are generally 1,000 feet wide, but the recommended right-of-way width will be approximately 400 feet. The 1,000-foot width of the study corridors was chosen to provide opportunities to further minimize impacts to homes, businesses, and natural resources as the project continues to develop.

Following the close of the public comment period (January 10, 2020) for the December 2019 public meetings, the Carolina Bays Parkway Extension study team, consisting of federal, state and local agency representatives, will select alternative corridor concepts for further detailed study. The detailed study alternatives will be selected based on an evaluation of which of the preliminary corridor concepts best meet the purpose and need of the project while minimizing impacts. In making decisions, the study team will consider human and natural environment impacts, safety, costs, traffic service, and public comments.

## Stay Involved *NCDOT and SCDOT invite you to provide input on this project via:*

- » **Project Website:** [www.ncdot.gov/projects/carolina-bays-parkway](http://www.ncdot.gov/projects/carolina-bays-parkway)
- » **To Provide Comments Visit:** [www.publicinput.com/Carolina-bays-pkwy](http://www.publicinput.com/Carolina-bays-pkwy)
- » **Project E-mail:** [carolina-bays-pkwy@publicinput.com](mailto:carolina-bays-pkwy@publicinput.com)
- » **Toll-free Project Number:** 1-866-841-4420 (8 a.m. – 5 p.m. weekdays)



 SCAN ME

## Questions? Contact Us.

**Krista Kimmel, P.E.**  
Project Manager

**NCDOT**  
5501 Barbados Boulevard  
Castle Hayne, NC 28429  
**910-341-2000**  
[khkimmel@ncdot.gov](mailto:khkimmel@ncdot.gov)

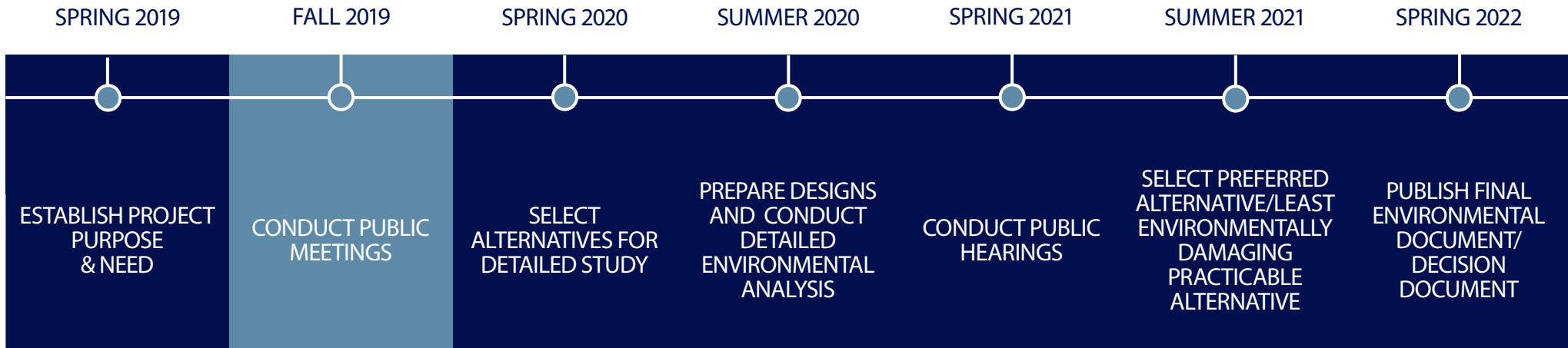
**Leah Quattlebaum, P.E.**  
Pee Dee Regional Production Engineer

**SCDOT**  
P.O. Box 191  
Columbia, SC 29202  
**803-737-1751**  
[QuattlebLB@scdot.org](mailto:QuattlebLB@scdot.org)



*700 copies of this handout were printed at a cost of \$644 or \$.92 per piece*

 **Project Schedule\***



**WE ARE HERE**

<b>Right-of-Way Acquisition and Construction*</b>	
<b>South Carolina</b>	<b>North Carolina</b>
The SCDOT 2017-2022 STIP includes the purchase of property utilizing Horry County RIDE III Sales Tax Funding for the extension of Carolina Bays Parkway from S.C. 9 to the North Carolina state line beginning in 2022.	Right-of-way acquisition and construction for the portion of the project located in North Carolina is not yet funded in the STIP.

***What is the STIP?***  
The State Transportation Improvement Transportation Program (STIP) is a 10-year State and Federal-mandated plan that identifies the construction funding for and scheduling of transportation projects throughout a state.

\* Subject to change

# Corridor Concepts - Potential Environmental Effects\*

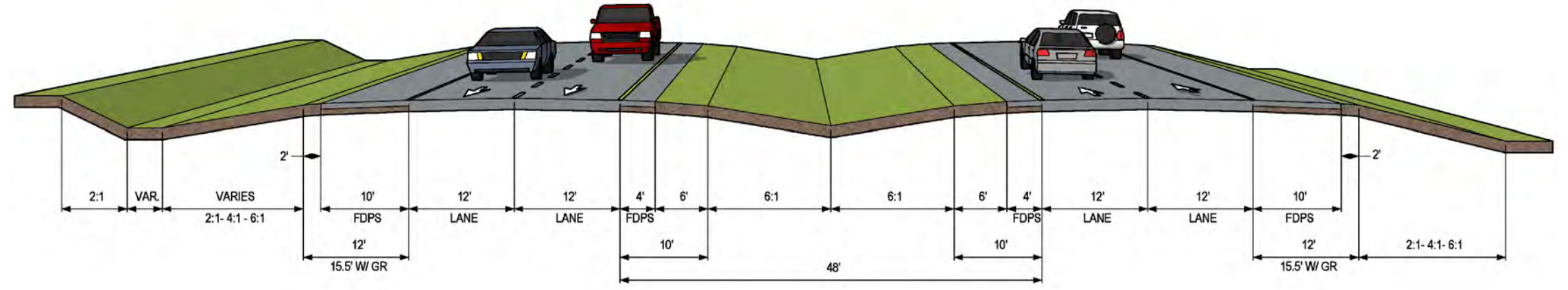
Impact Category <sup>1</sup>		Measure		Corridor Concept						
				1	2	3	4	5	6	7
		Total	Total	Total	Total	Total	Total	Total	Total	Total
Length (L-line)	Miles	21.49	19.77	19.63	21.37	19.64	19.38	19.04	19.36	20.18
Proposed Interchanges	No.	9	9	9	9	9	9	8	9	10
<b>Natural Resource Impacts</b>										
Wetlands	Acres	249.78	238.08	233.75	314.83	304.73	299.67	291.88	270.35	291.03
Streams	Linear Feet / (Crossings)	25,845 (23)	20,824 (15)	20,906 (15)	26,935 (24)	21,609 (16)	22,089 (16)	18,919 (16)	25,221 (19)	30,369 (20)
100-Year Floodplain	Acres	112.40	213.95	204.22	112.40	198.69	202.21	202.52	180.05	214.13
<b>Human Environment Impacts</b>										
Residential – Single Family / Mobile Home	No. Structures	145	179	225	91	126	169	151	246	287
Residential – Apartment / Condo	No. Structures	4	4	4	4	4	4	13	15	31
Commercial / Industrial	No. Structures	111	117	121	110	116	114	107	118	140
Approved / Planned Residential Dev.	Acres	32.95	22.71	36.11	43.29	38.77	42.67	91.80	48.42	65.42
Public Park	Acres	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	1.68
Church	No. Properties	4	9	11	1	6	8	3	4	4
Cemetery	Boundary	2	2	5	6	5	7	3	4	4
Golf Course	Acres (No. Courses)	16.13 (1)	28.80 (2)	47.45 (4)	16.13 (1)	28.80 (2)	45.98 (4)	65.48 (4)	19.28 (2)	34.55 (4)
<b>Physical Environment Impacts</b>										
Hazardous Waste Site	No. Sites	2	2	2	2	2	2	2	3	3
Registered Underground Storage Tanks	No. Sites	6	6	6	6	6	6	6	6	7
Communication Tower	No. Structures	2	2	2	2	2	2	1	1	1
Electrical Substation	No. Sites	1	2	2	0	1	1	0	0	0
Water Tower	No. Structures	1	1	1	0	0	0	0	0	0
Wastewater Treatment Plant	No. Sites	1	1	1	0	0	0	0	0	0

<sup>1</sup> Impacts based on 400-foot impact boundary (generally 200 feet each side of concept centerline).

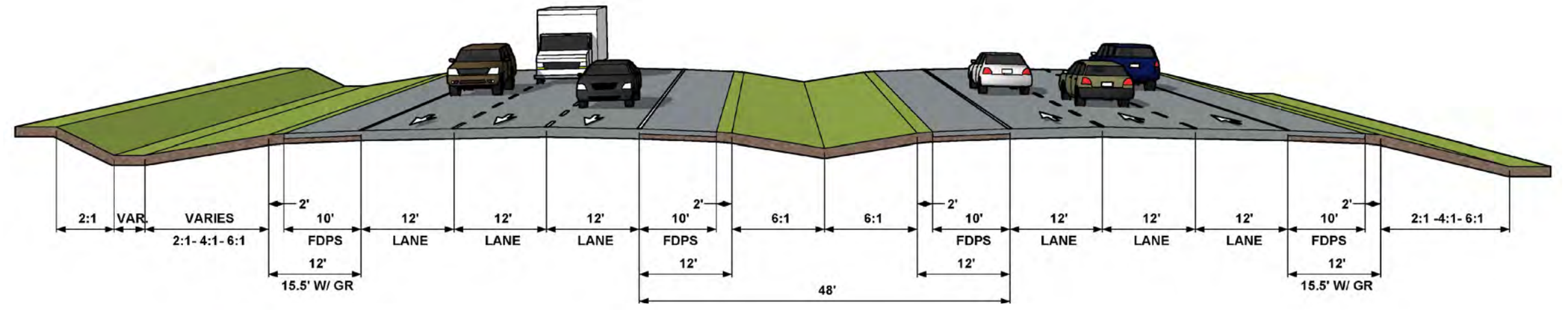
\* Subject to change

# Proposed Typical Sections

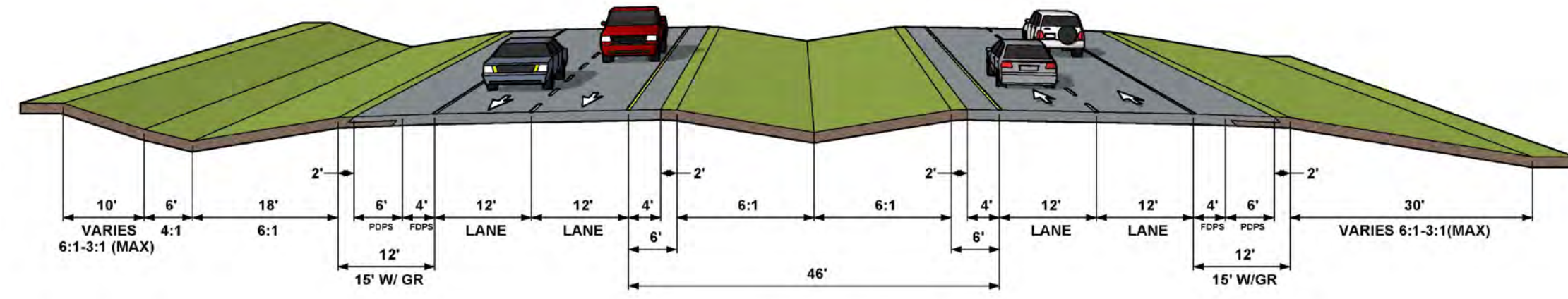
SCDOT Typical Section 1  
Four-Lane Median-Divided Freeway



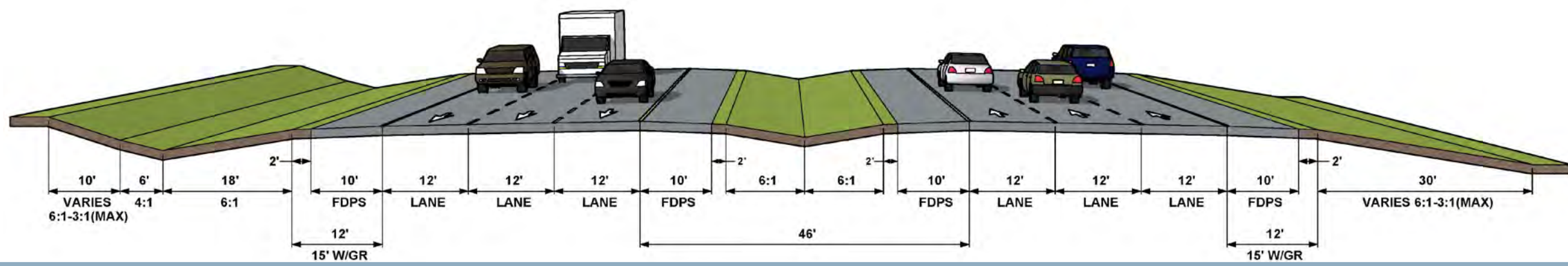
SCDOT Typical Section 2  
Six-Lane Median-Divided Freeway



NCDOT Typical Section 1  
Four-Lane Median-Divided Freeway

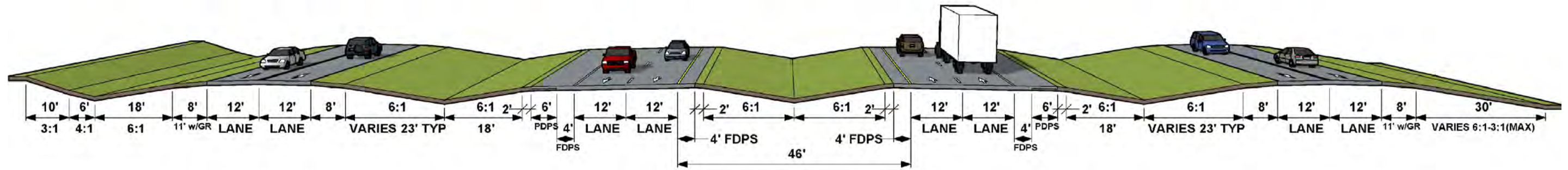


NCDOT Typical Section 2  
Six-Lane Median-Divided Freeway

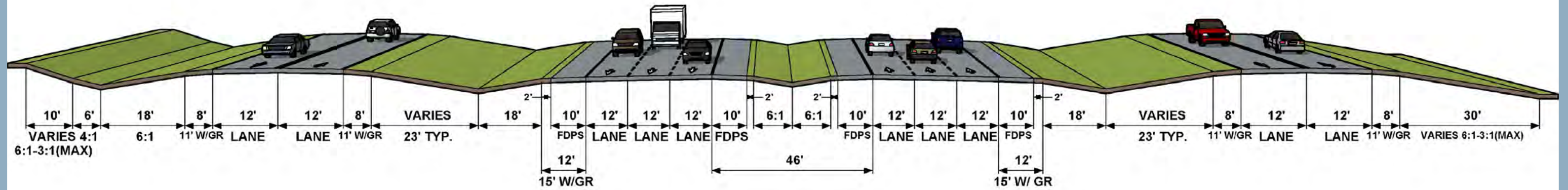


\*Not to Scale

# Proposed Typical Sections

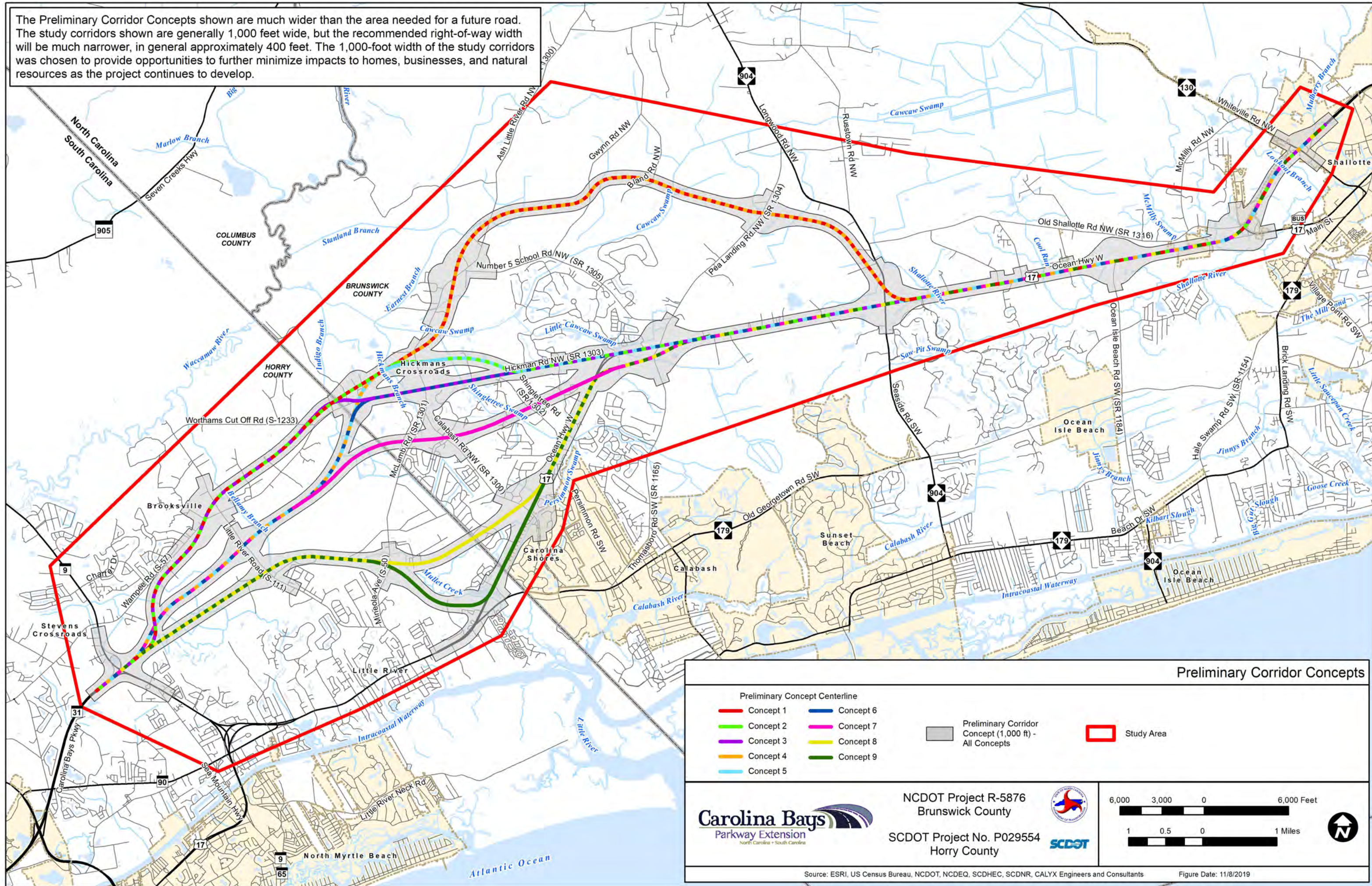


NCDOT Typical Section 1  
Four-Lane Median-Divided Freeway with Frontage Roads



NCDOT Typical Section 2  
Six-Lane Median-Divided Freeway with Frontage Roads

The Preliminary Corridor Concepts shown are much wider than the area needed for a future road. The study corridors shown are generally 1,000 feet wide, but the recommended right-of-way width will be much narrower, in general approximately 400 feet. The 1,000-foot width of the study corridors was chosen to provide opportunities to further minimize impacts to homes, businesses, and natural resources as the project continues to develop.



**Preliminary Corridor Concepts**

Preliminary Concept Centerline		Preliminary Corridor Concept (1,000 ft) - All Concepts	Study Area
<ul style="list-style-type: none"> <li><span style="color: red;">—</span> Concept 1</li> <li><span style="color: green;">—</span> Concept 2</li> <li><span style="color: purple;">—</span> Concept 3</li> <li><span style="color: orange;">—</span> Concept 4</li> <li><span style="color: cyan;">—</span> Concept 5</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">—</span> Concept 6</li> <li><span style="color: magenta;">—</span> Concept 7</li> <li><span style="color: yellow;">—</span> Concept 8</li> <li><span style="color: darkgreen;">—</span> Concept 9</li> </ul>		



**Carolina Bays**  
Parkway Extension  
North Carolina • South Carolina

NCDOT Project R-5876  
Brunswick County

SCDOT Project No. P029554  
Horry County



6,000 3,000 0 6,000 Feet

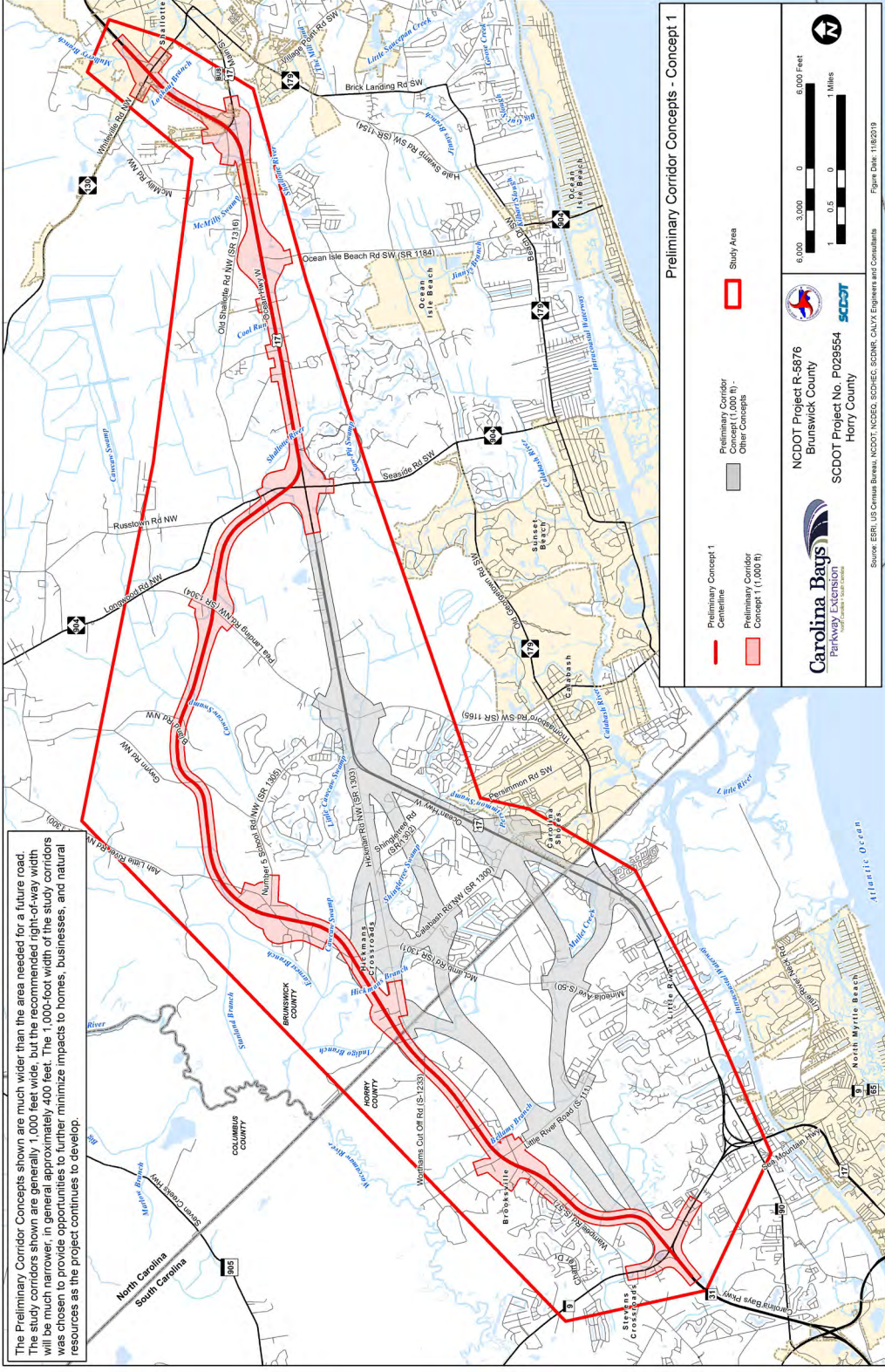


1 0.5 0 1 Miles



Source: ESRI, US Census Bureau, NCDOT, NCDEQ, SCDHEC, SCDNR, CALYX Engineers and Consultants      Figure Date: 11/8/2019

The Preliminary Corridor Concepts shown are much wider than the area needed for a future road. The study corridors shown are generally 1,000 feet wide, but the recommended right-of-way width will be much narrower, in general approximately 400 feet. The 1,000-foot width of the study corridors was chosen to provide opportunities to further minimize impacts to homes, businesses, and natural resources as the project continues to develop.



**Preliminary Corridor Concepts - Concept 1**

- Preliminary Corridor Concept 1
- Preliminary Corridor Concept 2 (1,000 ft)
- Preliminary Corridor Concept 3 (1,000 ft)
- Study Area

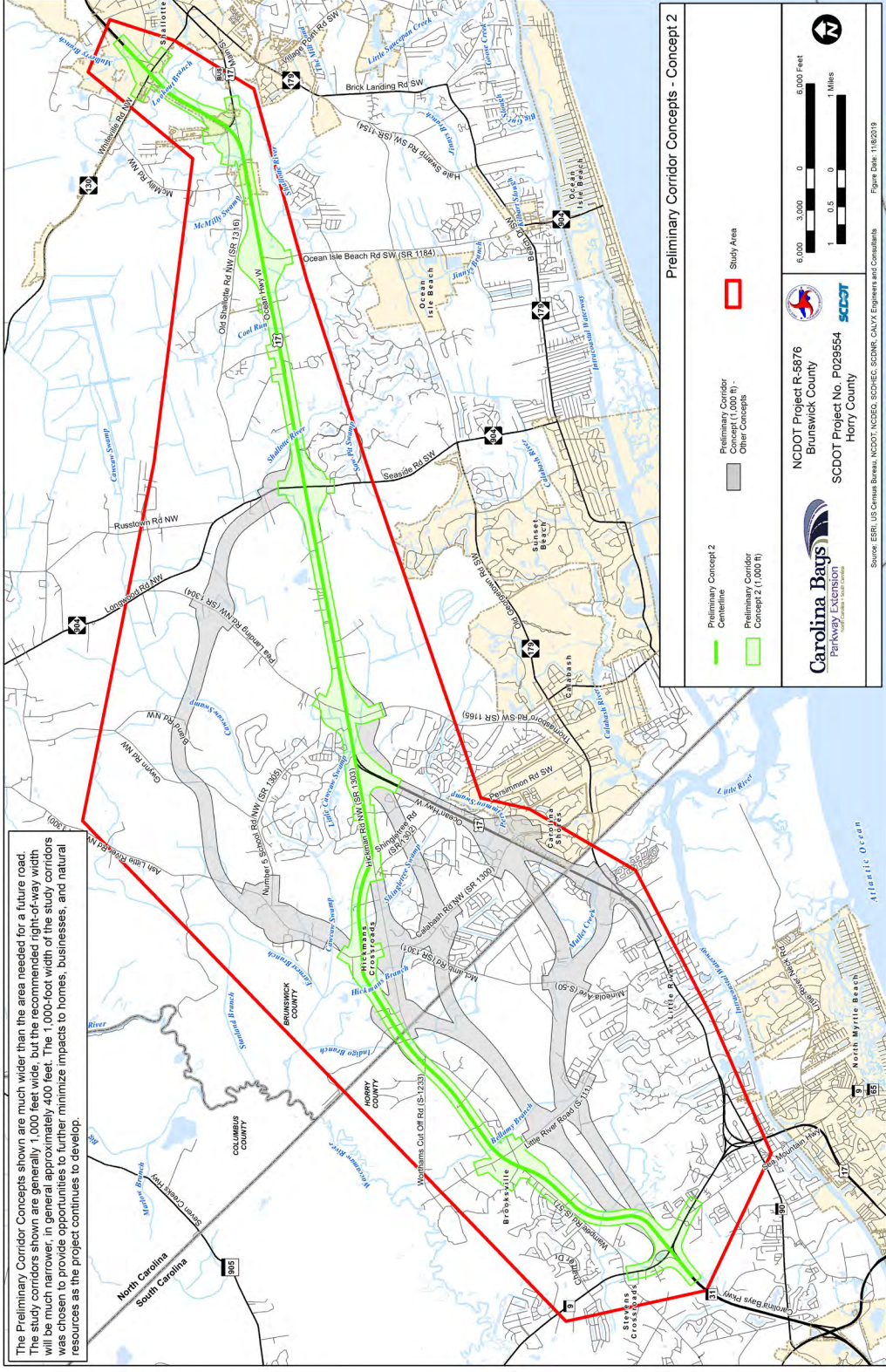
NCDOT Project R-5876  
Brunswick County  
SCDOT Project No. P029554  
Horry County

Carolina Bays  
P&W CONSULTANTS

Source: ESRI, US Census Bureau, NCDOT, NCGE, SCDHEC, SCDNR, CANVE Engineers and Consultants  
Figure Date: 11/8/2019

6,000 Feet  
3,000 Feet  
1 Mile  
0 0.5 1

The Preliminary Corridor Concepts shown are much wider than the area needed for a future road. The study corridors shown are generally 1,000 feet wide, but the recommended right-of-way width will be much narrower, in general approximately 400 feet. The 1,000-foot width of the study corridors was chosen to provide opportunities to further minimize impacts to homes, businesses, and natural resources as the project continues to develop.



**Preliminary Corridor Concepts - Concept 2**

- Preliminary Corridor Concept 2
- Preliminary Corridor Concept 3 (1,000 ft)
- Study Area

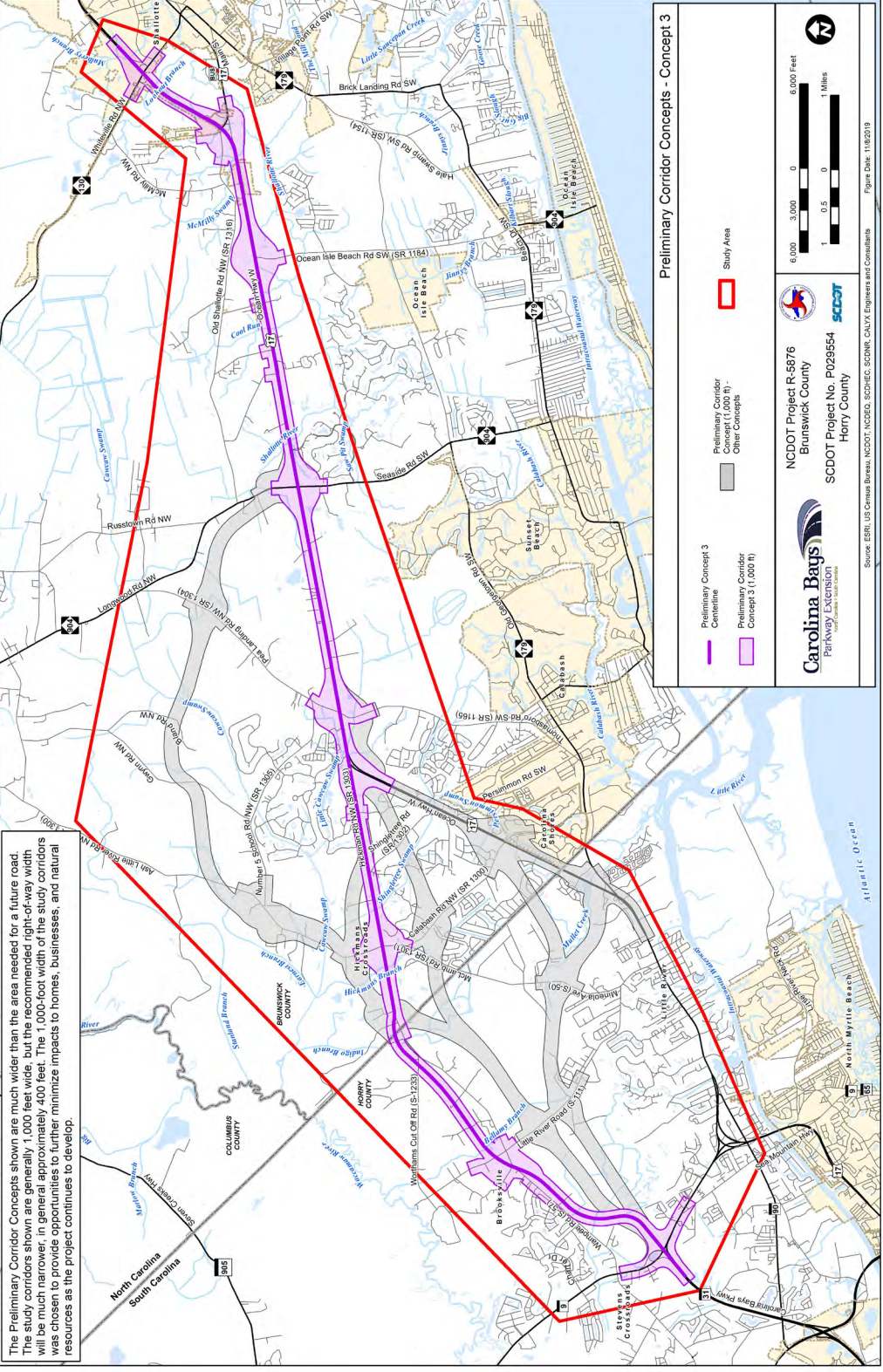
NCDOT Project R-5876  
Brunswick County  
SCDOT Project No. P029554  
Horry County

Carolina Bays  
P&W CONSULTANTS

Source: ESRI, US Census Bureau, NCDOT, NCGE, SCDHEC, SCDNR, CANVE Engineers and Consultants  
Figure Date: 11/8/2019

6,000 Feet  
3,000 Feet  
1 Mile  
0 0.5 1

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**Preliminary Corridor Concepts - Concept 3**

- Preliminary Corridor Concept 3
- Preliminary Corridor Concept 1 (1,000 ft)
- Preliminary Corridor Concept 2 (1,000 ft)
- Study Area

NCDOT Project R-5876  
Brunswick County  
SCDOT Project No. P029554  
Horry County

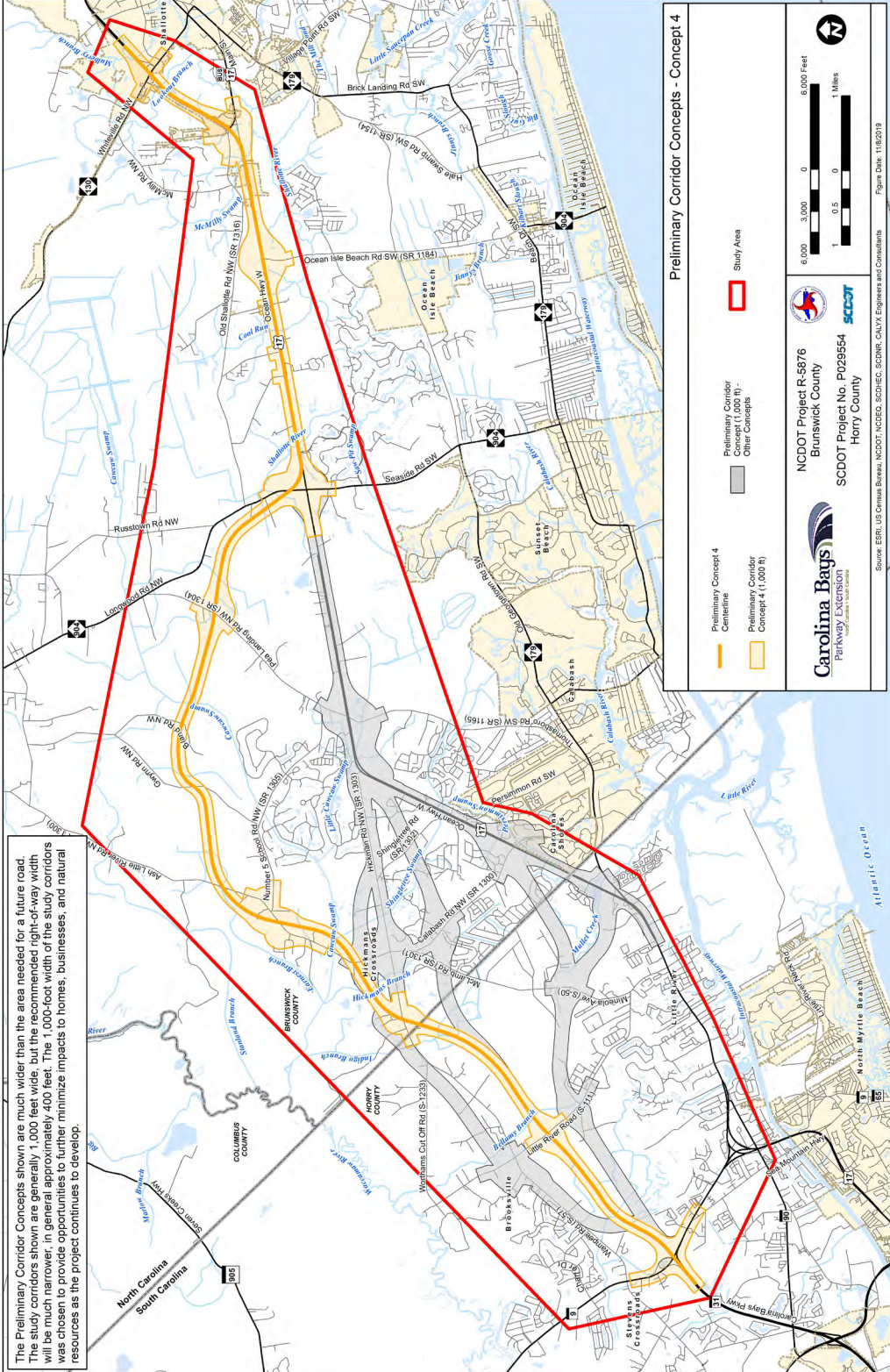
Carolina Bays  
P&W CONSULTANTS

Source: ESRI, US Census Bureau, NCDOT, NCGE, SCDHEC, SCDNR, CANVE Engineers and Consultants  
Figure Date: 11/8/2019

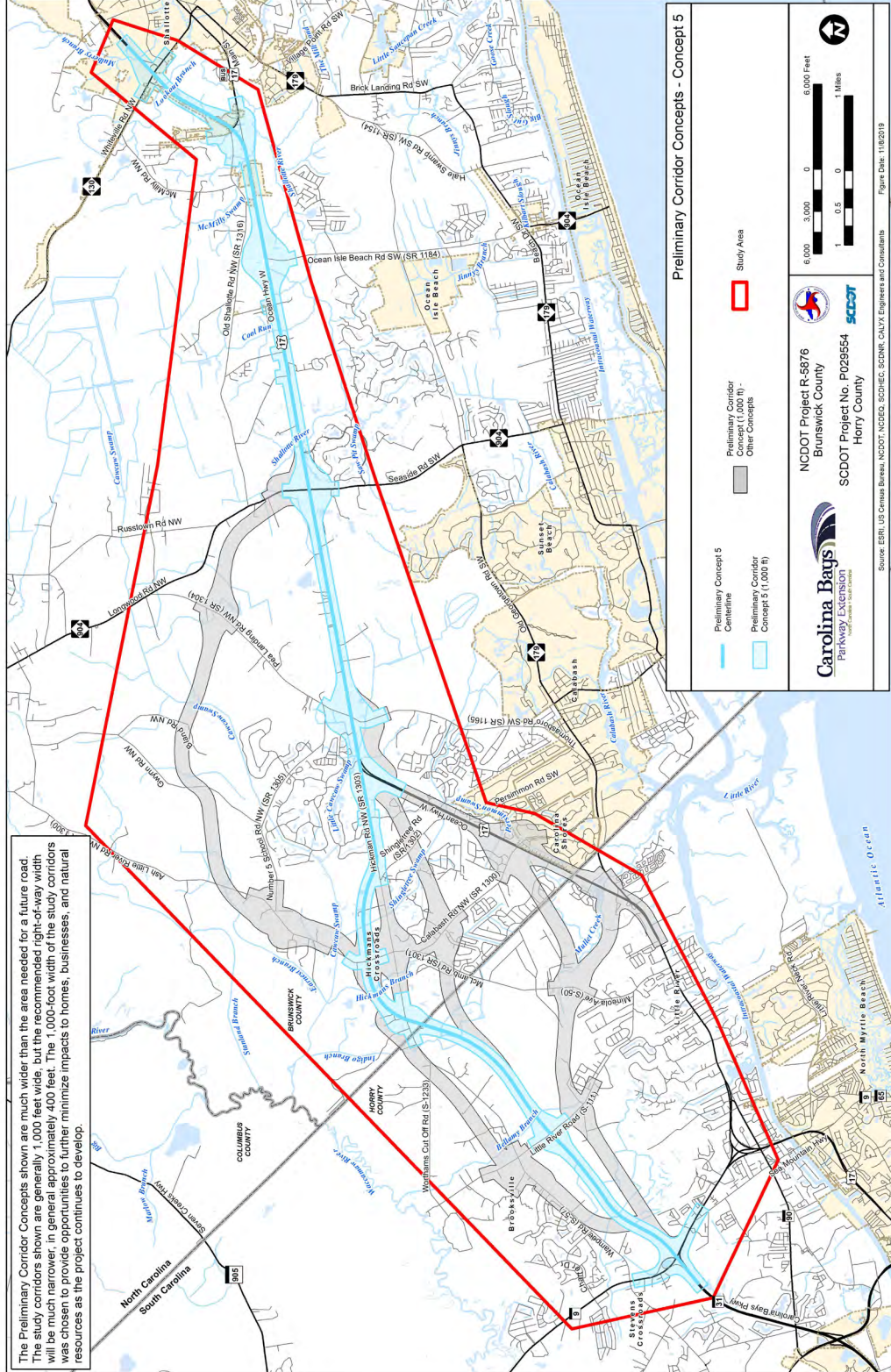
6,000 Feet  
3,000 Feet  
1 Mile  
0 0.5 1



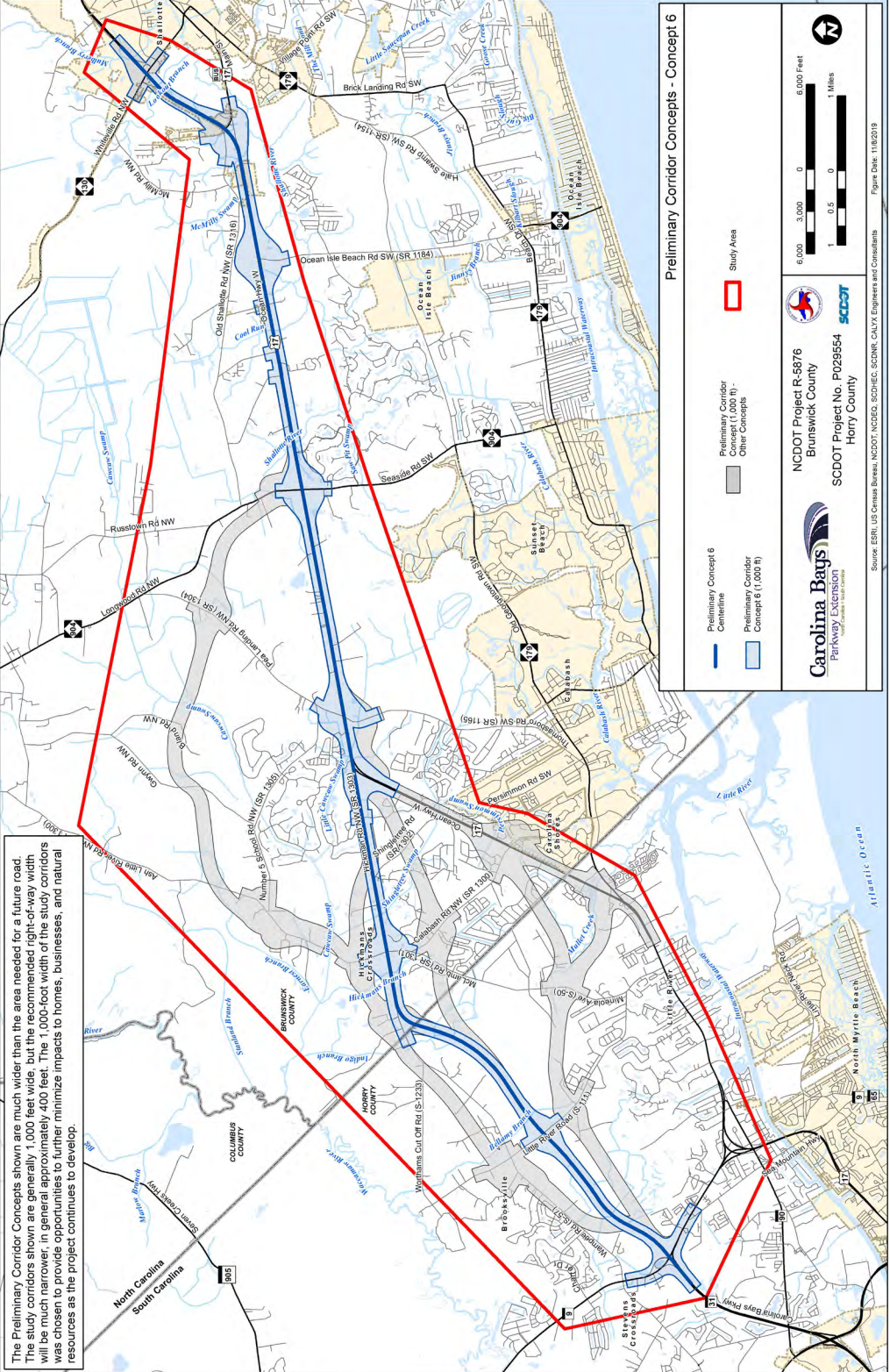
The Preliminary Corridor Concepts shown are much wider than the area needed for a future road. The study corridors shown are generally 1,000 feet wide, but the recommended right-of-way width will be much narrower, in general approximately 400 feet. The 1,000-foot width of the study corridors was chosen to provide opportunities to further minimize impacts to homes, businesses, and natural resources as the project continues to develop.



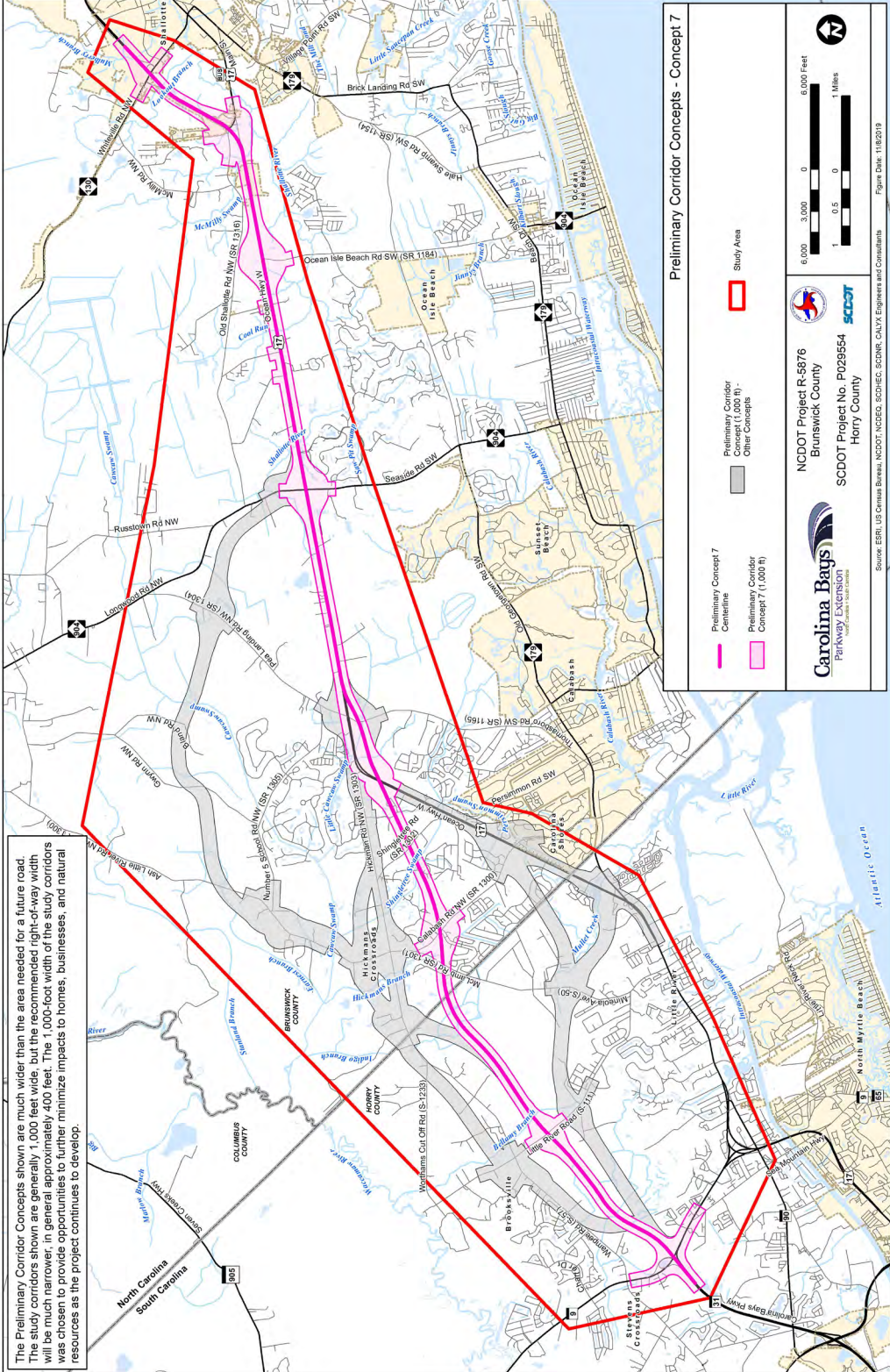
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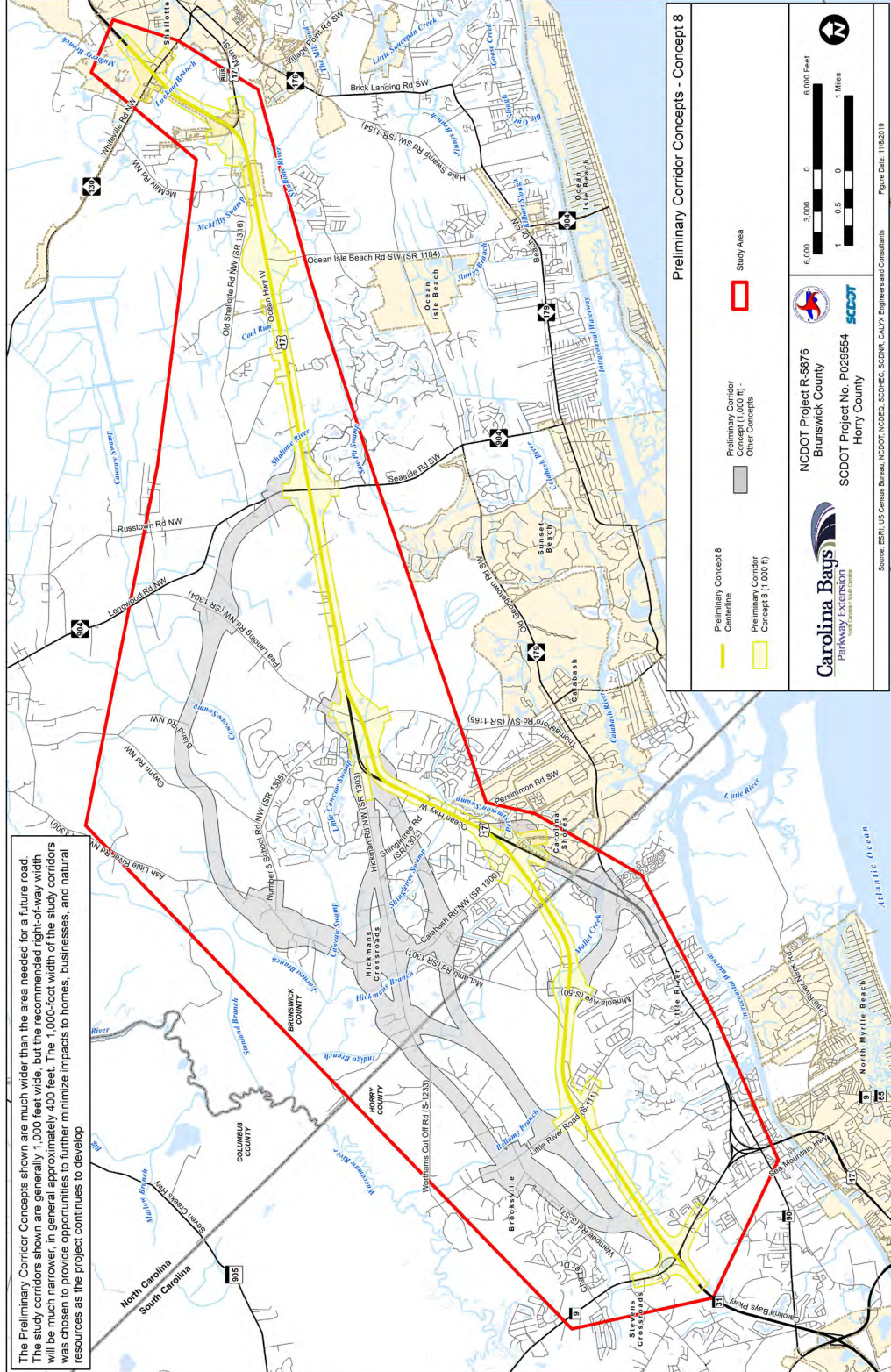
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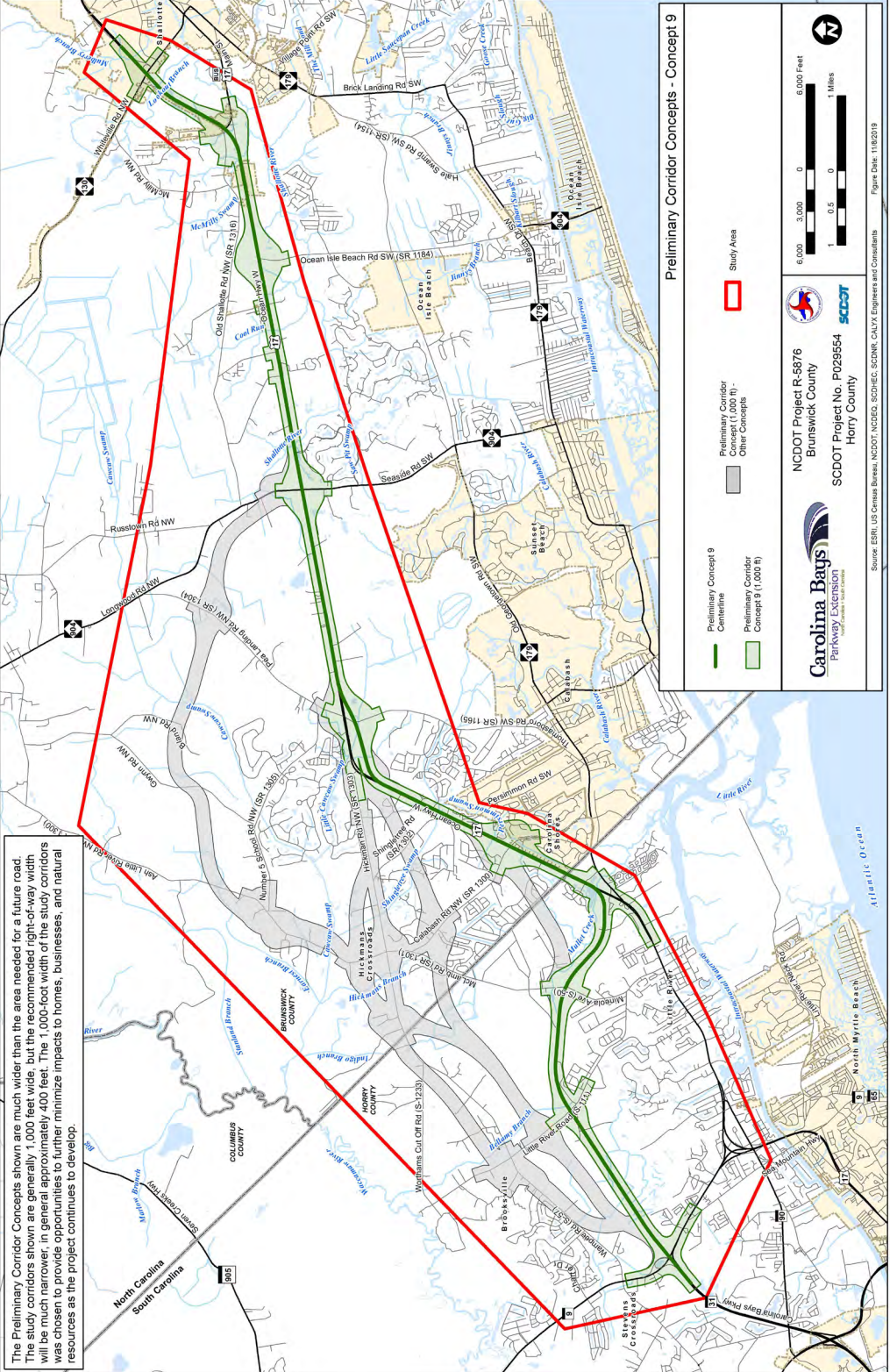
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**Carolina Bays Parkway Extension**  
 NCDOT Project R-5876 | SCDOT Project P029554  
 Horry County, SC and Brunswick County, NC

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Sea Trail Convention Center  
 75A Clubhouse Road  
 Sunset Beach, NC 28468  
 VFW Post 10804  
 Dec. 3, 2019  
 4 - 7 p.m.

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111 State Highway 57 North  
 Little River, SC 29566  
 Dec. 4, 2019  
 4 - 7 p.m.

## PUBLIC MEETING COMMENT SHEET

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Please circle the meeting you attended?

Dec. 3 | Sunset Beach, NC

Dec. 4 | Little River, SC

Please circle your preferred corridor concept?

- Corridor Concept 1 (Red)
- Corridor Concept 4 (Gold)
- Corridor Concept 7 (Pink)
- Corridor Concept 2 (Light Green)
- Corridor Concept 5 (Light Blue)
- Corridor Concept 8 (Yellow)
- Corridor Concept 3 (Purple)
- Corridor Concept 6 (Dark Blue)
- Corridor Concept 9 (Dark Green)

Do you have comment or thoughts on the corridors (please indicate which corridor(s) when providing comments)?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Do you have additional comments you wish to provide to the project team?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comments may be submitted at the meeting this evening or returned by Jan. 10 to:

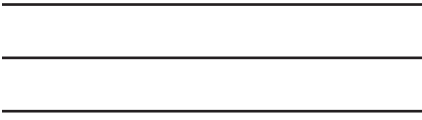
**Mailing Address:** Carolina Bays Parkway Extension | 6750 Tryon Road | Cary, NC 27518  
**Project Email:** Carolina-Bays-Pkwy@publicinput.com  
**To Provide Comments Visit:** www.publicinput.com/Carolina-bays-pkwy

### Questions?

Questions can be submitted on the Public Input site **or**  
**NCDOT** | Krista Kimmel, P.E. | Project Manager | 910-341-2000 | khkimmel@ncdot.gov  
**SCDOT** | Leah Quattlebaum, P.E. | Pee Dee Regional Production Engineer | 803-737-1751 | QuattlebLB@scdot.org

*NOTE: Information provided, including name and address, will be published and is subject to disclosure under the Freedom of Information Act.*





Place  
Stamp  
Here

Carolina Bays Parkway Extension  
6750 Tryon Road  
Cary, NC 27518



Fold Here



Fold Here

# TITLE VI PUBLIC INVOLVEMENT FORM

Completing this form is **completely** voluntary. You are not required to provide the information requested in order to participate in this meeting.

<b>Meeting Type:</b> Public Meeting	<b>Date:</b> Dec. 3-4, 2019
<b>Location:</b> Sunset Beach, NC & Little River, SC	
<b>STIP No.:</b> NCDOT STIP Project R-5876   SCDOT STIP Project P029554	
<b>Project Description:</b> NCDOT and SCDOT plan to extend Carolina Bays Parkway (S.C. 31) from S.C. 9 in Horry County, SC, across the North Carolina state line to U.S. 17 in Brunswick County, NC.	

In accordance with Title VI of the Civil Rights Act of 1964 and related authorities, the North Carolina Department of Transportation (NCDOT) assures that no person(s) shall be excluded from participation in, denied the benefits of, or subjected to discrimination under any of the Department’s programs, policies, or activities, based on their race, color, national origin, disability, age, income, or gender.

**Completing this form helps meet our data collection and public involvement obligations under Title VI and NEPA, and will improve how we serve the public.** Please place the completed form in the designated box on the sign-in table, hand it to an NCDOT official or mail it to the PDEA-Human Environment Section, 1598 Mail Service Center, Raleigh, NC 27699-1598. All forms will remain on file at the NCDOT as part of the public record.

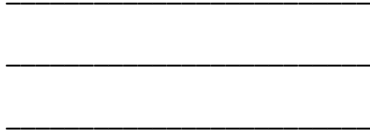
<b>Zip Code:</b> _____	<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female
<b>Street Name:</b> <b>(i.e. Main Street)</b> _____	<b>Age:</b> <input type="checkbox"/> Less than 18 <input type="checkbox"/> 45-64 <input type="checkbox"/> 18-29 <input type="checkbox"/> 65 and older <input type="checkbox"/> 30-44
<b>Total Household Income:</b> <input type="checkbox"/> Less than \$12,000 <input type="checkbox"/> \$47,000 – \$69,999 <input type="checkbox"/> \$12,000 – \$19,999 <input type="checkbox"/> \$70,000 – \$93,999 <input type="checkbox"/> \$20,000 – \$30,999 <input type="checkbox"/> \$94,000 – \$117,999 <input type="checkbox"/> \$31,000 – \$46,999 <input type="checkbox"/> \$118,000 or greater	<b>Have a Disability:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Race/Ethnicity:</b> <input type="checkbox"/> White <input type="checkbox"/> Asian <input type="checkbox"/> Black/African American <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Other (please specify): _____	<b>National Origin:</b> (if born outside the U.S.) <input type="checkbox"/> Mexican <input type="checkbox"/> Central American: _____ <input type="checkbox"/> South American: _____ <input type="checkbox"/> Puerto Rican <input type="checkbox"/> Vietnamese <input type="checkbox"/> Chinese <input type="checkbox"/> Korean <input type="checkbox"/> Other (please specify): _____

How did you hear about this meeting? (newspaper advertisement, flyer, and/or mailing)  
\_\_\_\_\_

For more information regarding Title VI or this request, please contact the NCDOT Title VI Section at (919) 508-1896 or toll free at 1-800-508-1886, or by email at [sddickens@ncdot.gov](mailto:sddickens@ncdot.gov).

Thank you for your participation!

Place  
Stamp  
Here



**Attn: Diane Wilson  
NCDOT - EAU  
PICSViz  
1598 Mail Service Center  
Raleigh, NC 27699-1598**

