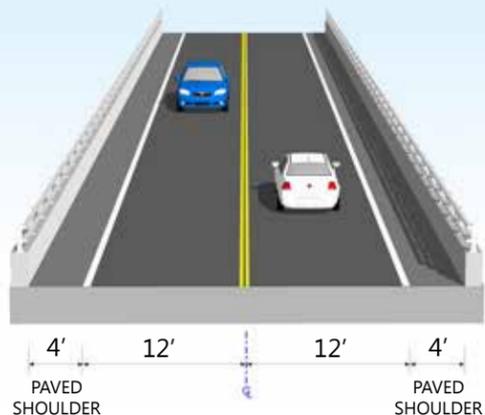
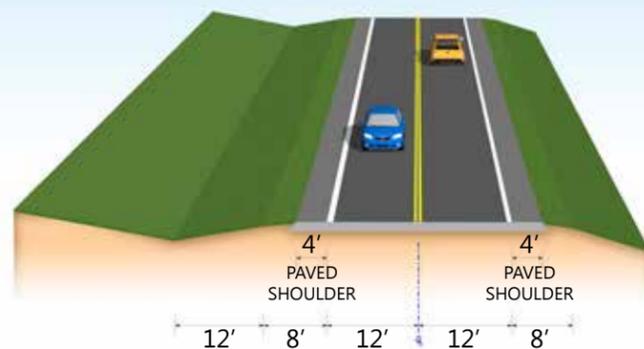


**Bridge Typical Section**



**Roadway Typical Section**



**COMMUNITY RESOURCES**

Below is a comparison of the changes in access to community resources in the Project Study Area for each alternative.

Alternative No.	Harkers Island Beach Access	Straits Fishing Pier	Straits Boat Landing Access Area
Alt 1	Change in Access	No Access	No Change
Alt 2	Change in Access	No Access	No Change
Alt 3	No Change	Change in Access	Change in Access
Alt 4	No Change	No Access	Change in Access

**PROJECT SCHEDULE**

- Fall 2016 //**  
Selection of Preferred Alternative
- Spring 2017 //**  
Environmental Document Completion
- 2017 //** Right-of-Way Acquisition Begins
- 2019 //** Construction Begins

**COSTS**

- Right-of-Way Acquisition Cost //**  
\$2.2 Million
- Construction Cost //**  
\$23.8 Million

*Schedule and costs are tentative and subject to change*

**CONTACT US**

Your feedback and input is valuable to the success of the project.

- Comment forms are provided for you to write down your questions, comments and concerns.
- More information can be found at: <http://www.ncdot.gov/projects/publicmeetings/>

**Michele James**  
NCDOT Project Development

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**HARKERS ISLAND BRIDGE REPLACEMENTS PROJECT**

**STIP No. B-4863**

**PUBLIC MEETING - March 14, 2016**

**PURPOSE OF THE PUBLIC MEETING**

The purpose of this Public Meeting is to provide the public with an opportunity to view and comment on the current preliminary design for the proposed project. Representatives from the North Carolina Department of Transportation (NCDOT) are available to explain the proposed project, discuss any concerns you have, and answer your questions.



**PUBLIC MEETING FORMAT**

- Please sign in at the registration table.
- The Public Meeting this evening is an "open-house" style format between the hours of 4 pm and 7 pm. Project representatives are available to discuss the project with you and answer your questions.
- There is a presentation available to watch prior to viewing the displays.
- Several displays showing project related information are stationed around the room.
- Comment forms are available and can be filled out tonight or returned by mail or email by March 28 to the address shown on the form.

**Vicinity Map**

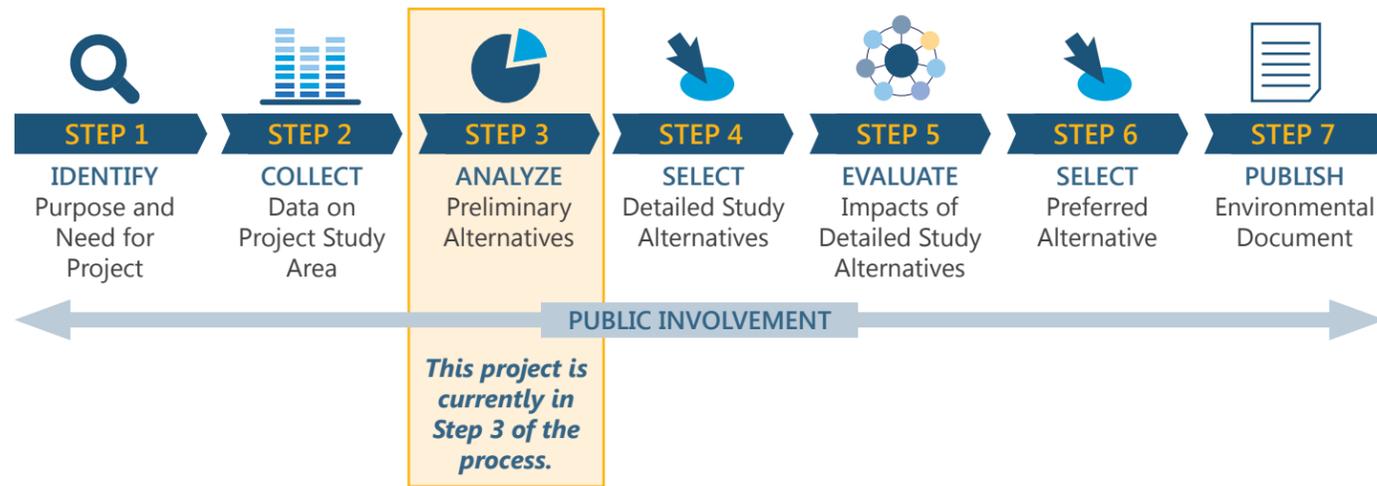


**PROJECT DESCRIPTION**

The NCDOT proposes to build either one or two fixed-span bridges to replace the two bridges over The Straits that provide access to Harkers Island. Currently, one bridge is fixed-span and one is a swing-span (also known as Earl C. Davis Memorial Bridge).

### PROJECT DEVELOPMENT PROCESS

The Harkers Island Bridge Replacements Project development, environmental studies, and engineering will be conducted in accordance with the National Environmental Policy Act (NEPA). NEPA is a federal law enacted in 1970 that requires the Federal Government to consider the environmental impacts of, and alternatives to, major proposed actions in its decision-making processes. The act is the basic national charter for the protection of the environment. Under NEPA, an agency must study the adverse and beneficial environmental impacts of alternatives that meet a project's purpose and need. This planning process can be divided into the steps shown below.



### PROJECT NEED AND PURPOSE

The existing bridges (No. 73 and 96) were built in the 1960's and 1970's and are due for replacement. The new bridge(s) will address the existing need to improve the structural integrity of the bridges and provide sufficient accommodation for emergency access and evacuation on Harkers Island Road.

### ALTERNATIVES

In order to maintain access to Harkers Island during construction, only new alignment alternatives are proposed for this project. Other elements like utility location, natural resource impacts, and sound engineering design play an important role in developing alternatives.

All alternatives will have a two 12-foot travel lanes, one in each direction, both on the bridge(s) and the roadway approaching the bridge(s). For the bridge(s), there will be a 4-foot paved shoulder on each side, while the roadway surface has 4-foot paved shoulders as well as an additional 4 to 7 feet of grass shoulder with guardrail as needed.

### VERTICAL CLEARANCE OF THE PROPOSED BRIDGE

A vessel height survey was conducted for this project for 30 days over a 6-month period between May and October 2014 in order to obtain height and frequency information for vessels passing through the existing swing span bridge (Bridge No. 73). During the survey, a total of 1,765 vessels were observed, with an average of 3.4 vessels per day requiring an average of 2.9 bridge openings per day. 99.9% of the vessels observed were 40 feet in height or less. Based on the results of the vessel height survey, NCDOT is recommending 45 feet of vertical navigational clearance for each of the build alternatives near the location of Bridge No. 73.



#### ALTERNATIVE 1

Alternative 1 would include two fixed-span bridges, each located to the west of the existing bridges, touching down on the center island.

#### ALTERNATIVE 2

Alternative 2 would include two fixed-span bridges, one located to the west of Bridge No. 73 and one located to the east of Bridge No. 96, touching down on the center island.

#### ALTERNATIVE 3

Alternative 3 would include two fixed-span bridges, each located to the east of the existing bridges, touching down on the center island.

#### ALTERNATIVE 4

Alternative 4 would include one fixed-span bridge, located to the east of the existing bridges. The center island would not have a roadway connection.

# 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>Location:</b> Core Sound Waterfowl Museum and Heritage Center, 1785 Island Road, Harkers Island, NC 28531	<b>Date:</b> March 14, 2016
<b>STIP No.:</b> B-4863 <b>Project Description:</b> Harkers Island Bridge Replacements Project	

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>Street Name:</b> <b>(i.e. Main Street)</b> _____	<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female
<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>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>Race/Ethnicity:</b> <input type="checkbox"/> White <input type="checkbox"/> Black/African American <input type="checkbox"/> Asian <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> Other (please specify): _____	<b>Have a Disability:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  <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"/> Chinese <input type="checkbox"/> Vietnamese <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) 508-1830 or toll free at 1-800-522-0453, or by email at [slipscomb@ncdot.gov](mailto:slipscomb@ncdot.gov).

Thank you for your participation!



**Ms. Anamika Laad**  
**NCDOT - PDEA**  
**Human Environment Section**  
**1598 Mail Service Center**  
**Raleigh, NC 27699-1598**



# Comment Form

Public Meeting

## March 14, 2016

Harkers Island Bridge  
Replacements Project  
(STIP No. B-4863)

**If possible, please return this comment form before leaving tonight.**

*Your answers to the following questions will help the NCDOT team as they move forward with project development. Please provide your comments in the space below and return this form to a Project Team Member or place it in the "COMMENT BOX". Thank You!*

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

**Address :** \_\_\_\_\_

**1) Where do you live?**

Harkers Island    Straits    Beaufort    Morehead City    Other: \_\_\_\_\_

**2) How often do you travel on the Harkers Island bridges?**

Rarely    1-3 days per week    >3 days per week, but not every day    Daily

**3) How often do you travel under/through the Harkers Island bridges (via boat)?**

Rarely    1-3 days per week    >3 days per week, but not every day    Daily

**4) Do you own property within the project study area (see Vicinity Map in handout)?**

Yes    No   **If yes, what is the address of your property, and what is its primary use?**

**Property's Address:** \_\_\_\_\_

**Property's Use:**    Residential    Business    Industrial    Recreational    \_\_\_\_\_

**6) Which alternatives are best and worst for the Harkers Island Bridge Replacements Project?**

Best:   Alternative \_\_\_\_\_   **Why?** \_\_\_\_\_

Worst:   Alternative \_\_\_\_\_   **Why?** \_\_\_\_\_

**7) How often do you use the following community features:**

**Harkers Island Beach Access**    Daily    Weekly    Monthly    Rarely    None

**Straits Fishing Pier**    Daily    Weekly    Monthly    Rarely    None

**Straits Boat Landing Access**    Daily    Weekly    Monthly    Rarely    None

**Continued on back**



# Comment Form

Public Meeting

## March 14, 2016

Harkers Island Bridge  
Replacements Project  
(STIP No. B-4863)

**If possible, please return this comment form before leaving tonight.**

8) If the fishing pier is no longer able to remain in its current location, where would you suggest an alternative pier be located? (Please describe below or mark on the map with an "X".)



9) Do you have any other issues or ideas that you would like to share regarding the proposed Harkers Island Bridge Replacements project?

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10) Were display maps and handouts easy to read and understand?

Yes  No

11) Were the Project Team members helpful and clear in their explanations?

Yes  No

12) Based on the information available, were all substantial questions answered?

Yes  No

If no, please explain:

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**If you are not able to fill out this form tonight,  
please send it before March 28, 2016 to the address below:**

**Harkers Island Bridge Replacements Project Team**  
1520 South Boulevard, Suite 200  
Charlotte, North Carolina 28203  
Email: [mjames@ncdot.gov](mailto:mjames@ncdot.gov) or [edith.peters@rsandh.com](mailto:edith.peters@rsandh.com)  
Fax: 1-800-758-1284