# Welcome

## Mid-Currituck Bridge Study
## Open House and Public Hearing

**Please:**

- Sign In
- Take a copy of the Mid-Currituck Bridge Study Citizens Summary and a public comment form
- Move to Station 1 and view an introductory slide presentation

***We look forward to discussing the project with you and to receiving your comments.***

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# Please Comment

## Public Comments

You may make oral comments tonight at the public hearing, submit written comments today, or mail comments to:

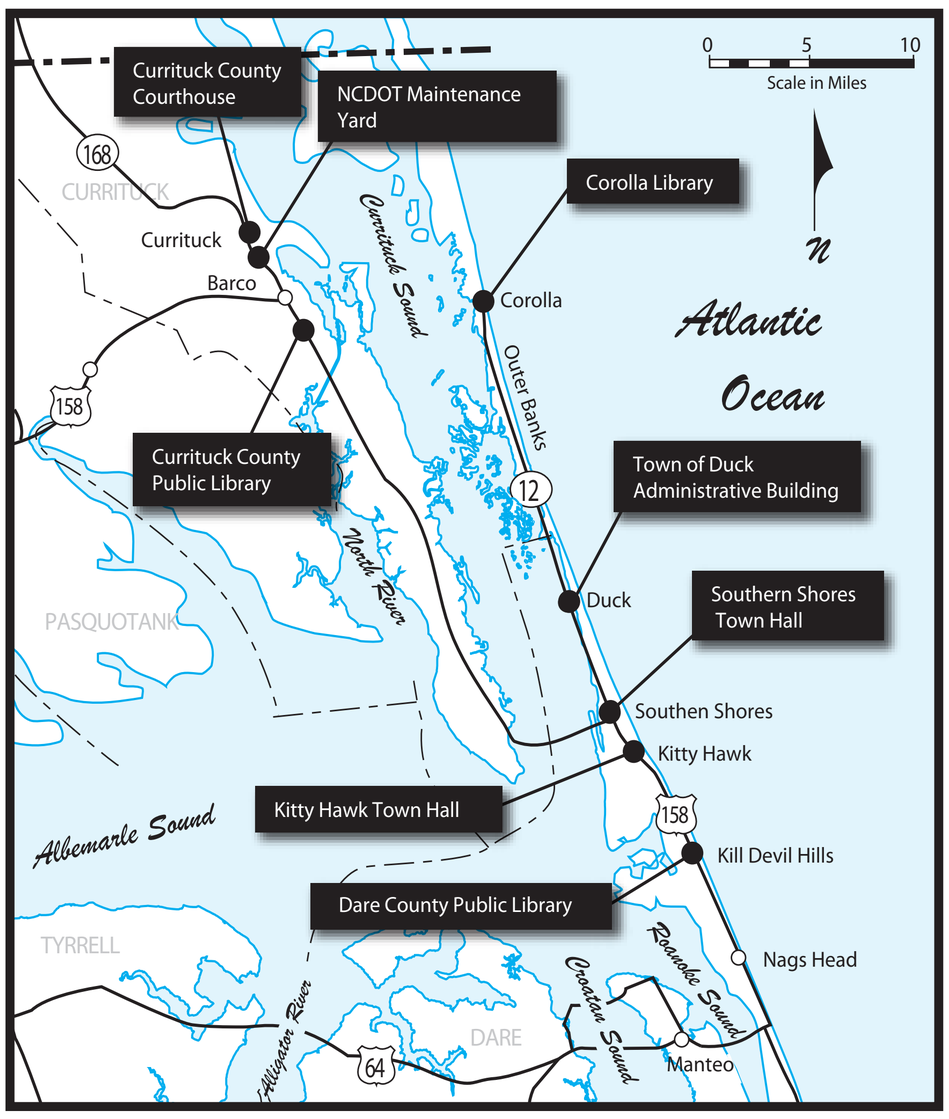
**Jennifer Harris, P.E.**
**North Carolina Turnpike Authority**
**1578 Mail Service Center**
**Raleigh, NC 27699-1578**

You may also send comments in an email to **midcurrituck@ncturnpike.org.**

Comments are due by **June 7, 2010.**

## Public Review Locations

Copies of the Draft Environmental Impact Statement, associated technical reports, and the public hearing maps may be viewed at the following locations until June 7, 2010:




- Currituck County Courthouse, Currituck
- Currituck County Public Library, Barco
- Corolla Public Library, Corolla
- Dare County Public Library, Kill Devil Hills
- Town of Duck Administrative Building, Duck
- Kitty Hawk Town Hall, Kitty Hawk
- NCDOT Maintenance Yard Office, Maple
- Southern Shores Town Hall, Southern Shores

They also may be viewed on the project web site at:
**http://ncturnpike.org/projects/Mid_Currituck/**

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# Next Steps

## Timeline for Mid-Currituck Bridge Implementation

Bridge Financial Feasibility Determination ..... August 2010

Preferred Alternative Decision ..... August 2010

***If a Mid-Currituck Bridge is selected for implementation, its schedule for completion as of April 2010 is:***

Final Environmental Impact Statement ..... September 2010

Record of Decision ..... December 2010

Concession Agreement with Bridge Builder and Operator ..... December 2010

Close on Financing ..... Early 2011

Right-of-Way Purchase, Environmental Permits, and Construction Begins ..... Early 2011

Open to traffic ..... Late 2014

***The Turnpike Authority expects to continue to have periodic Citizens Informational Workshops and other public involvement opportunities as the project progresses.***

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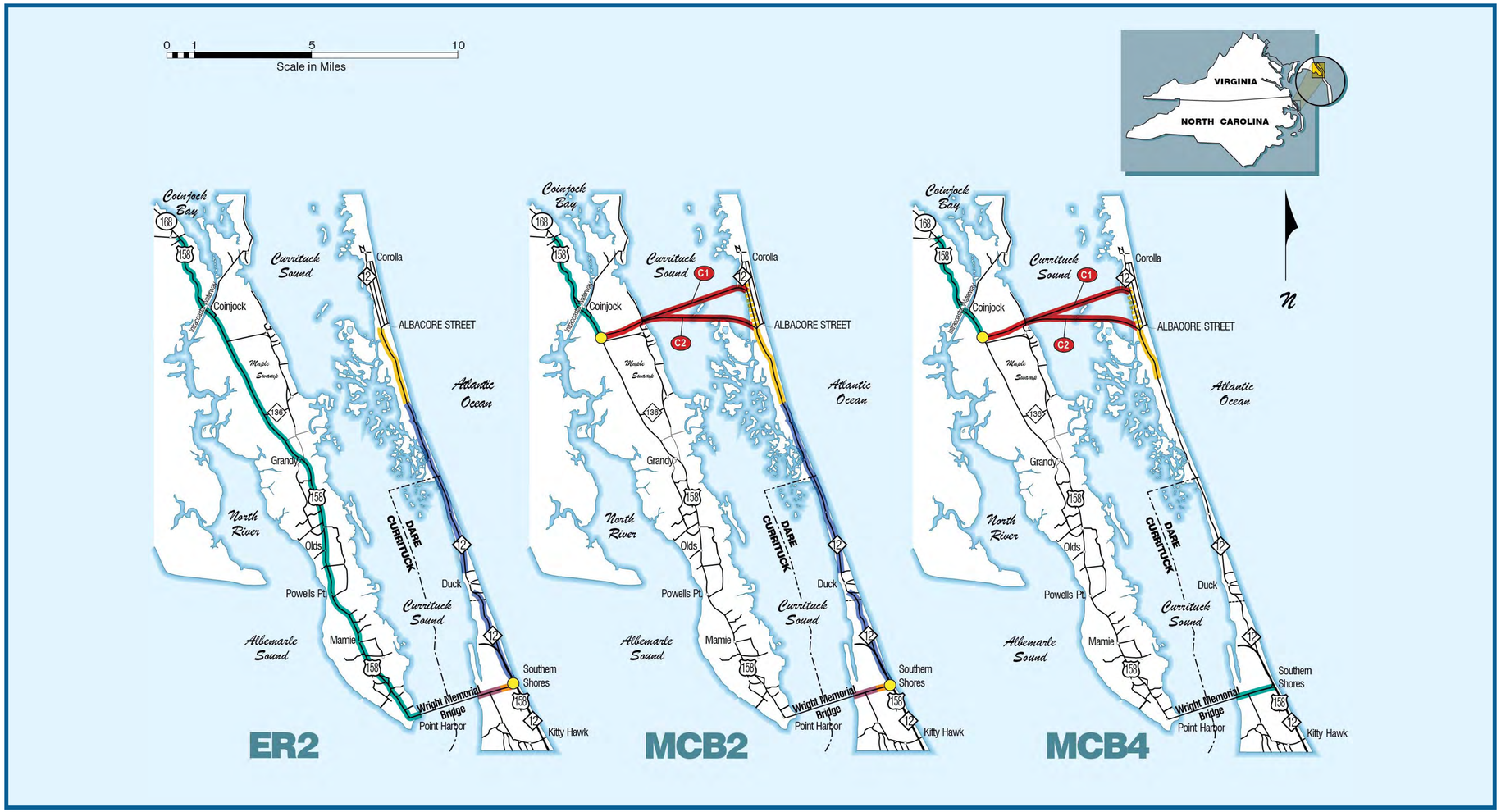
# Detailed Study Alternatives




## LEGEND

- C1 / C2 Bridge Corridor Alternatives
- Interchange
- Eight Lanes (Super-street)
- Six Lanes (Super-street)
- Four Lanes
- Four Lanes (Only with C1)
- Three Lanes
- Mid-Currituck Bridge
- Third Outbound Lane (Contraflow of an existing lane is an option)

*NOTE: Existing 3-lane segment of NC 12 in Duck is unchanged*

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# US 158 Hurricane Evacuation Lane

**Photo Simulation**

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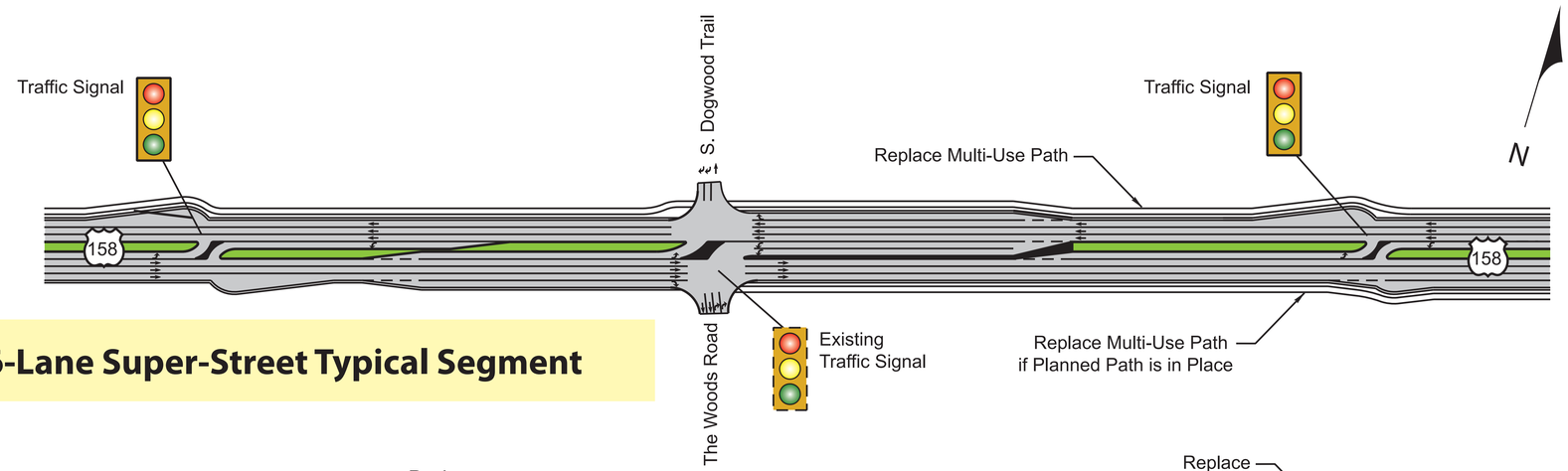
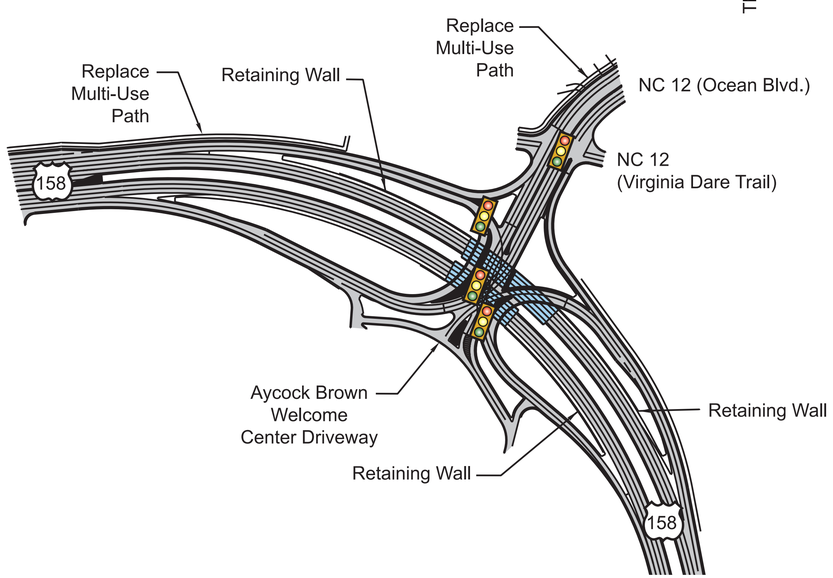
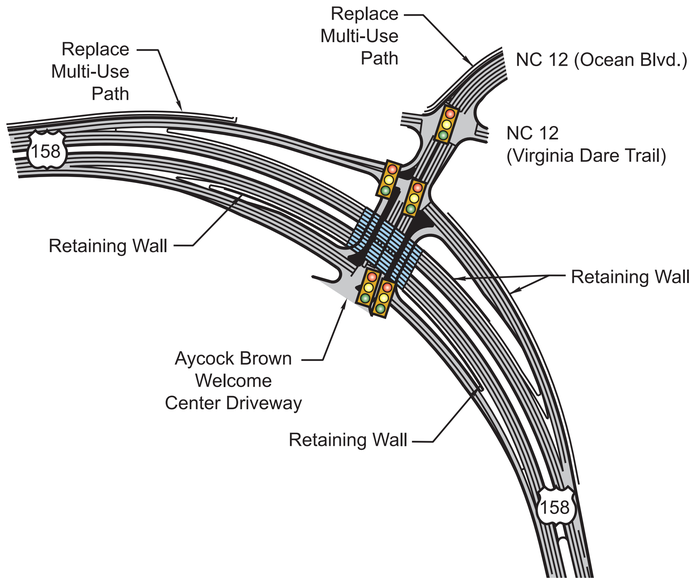
# US 158 Super-Street and US 158/NC 12 Interchange




## US 158 6-Lane Super-Street Typical Segment




## US 158/NC 12 Single-Point Urban Interchange with ER2




## US 158/NC 12 Compressed Diamond Interchange with MCB2

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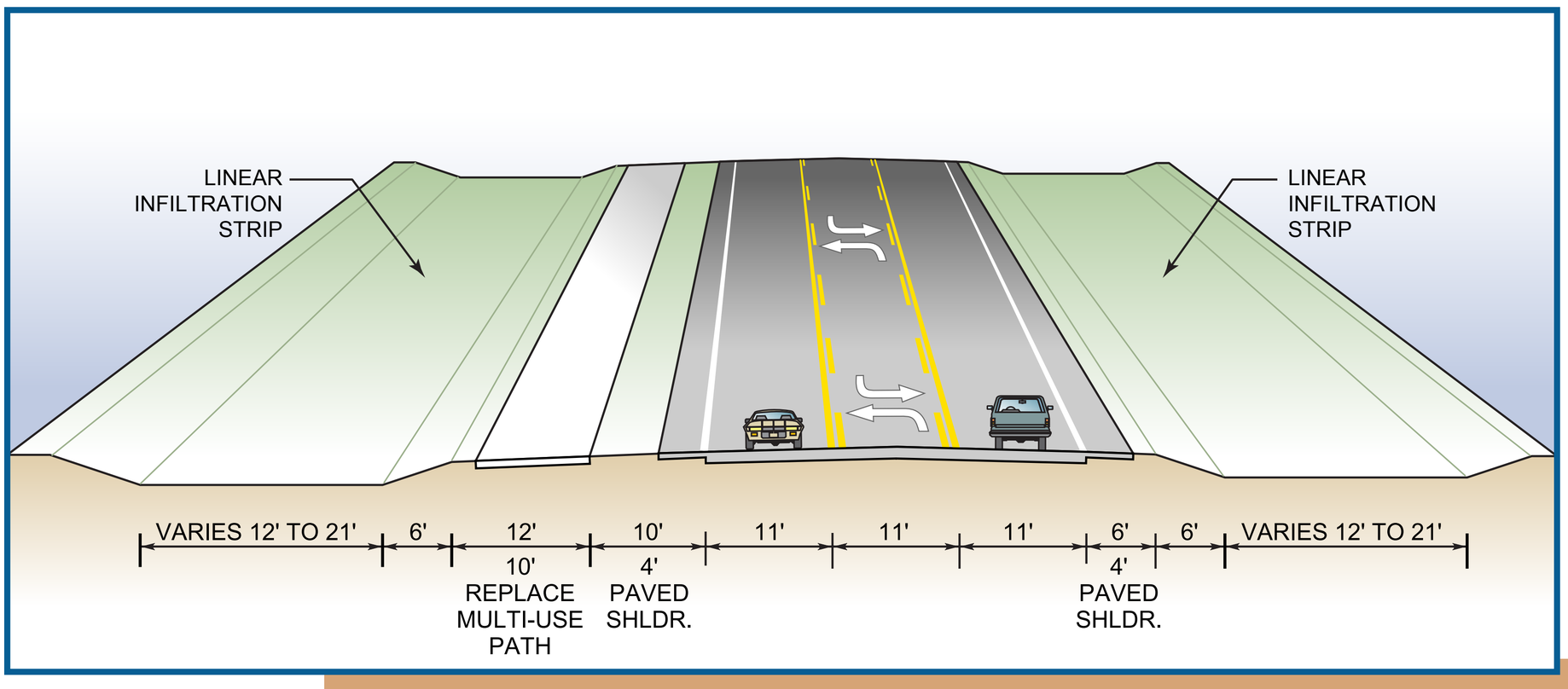
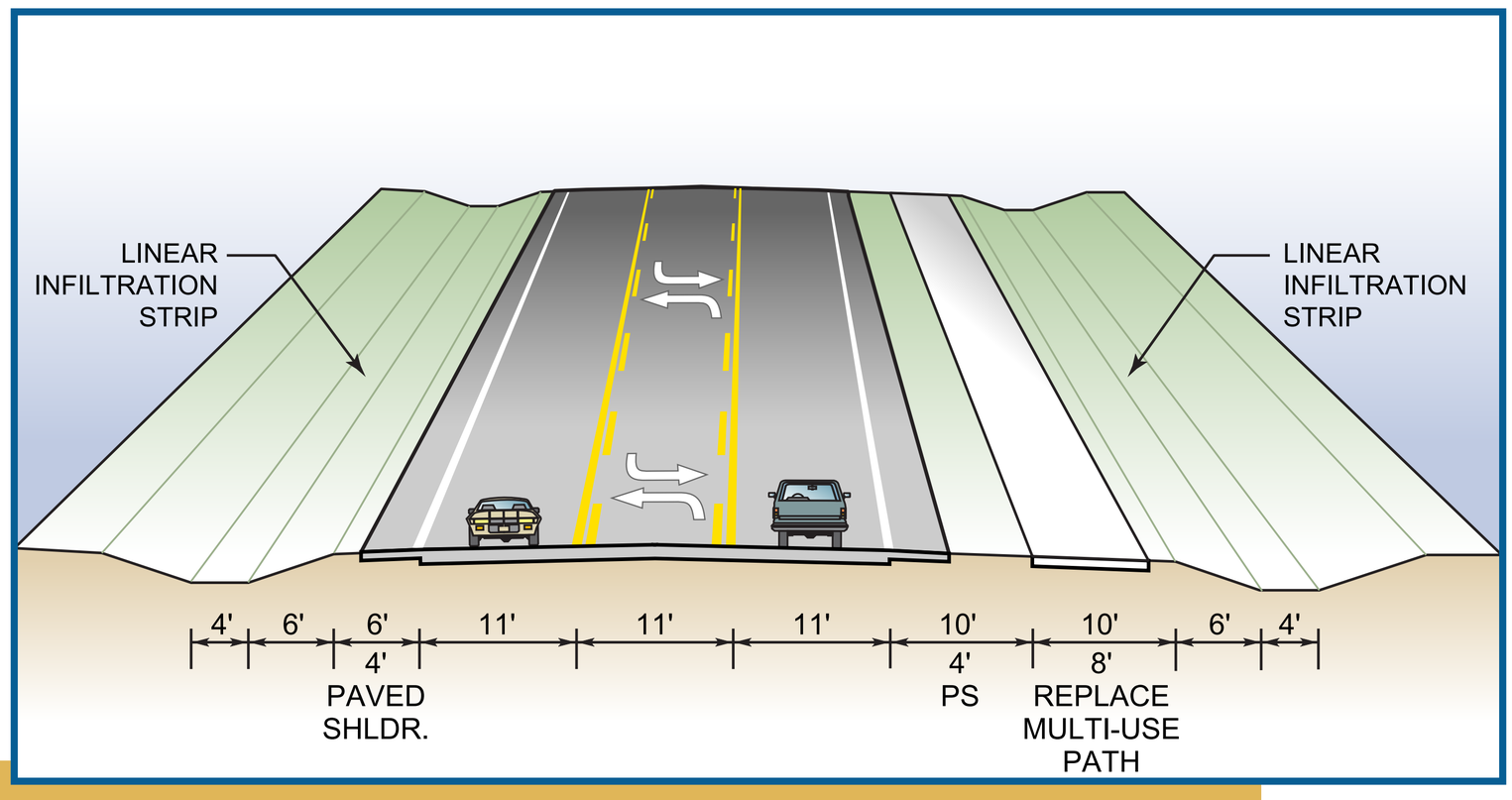
# NC 12 Three-Lane Widening

**Photo Simulation**




**NC 12 3-Lane Widening (90-Foot Right of Way)**




**NC 12 3-Lane Widening (60-Foot Right of Way)**

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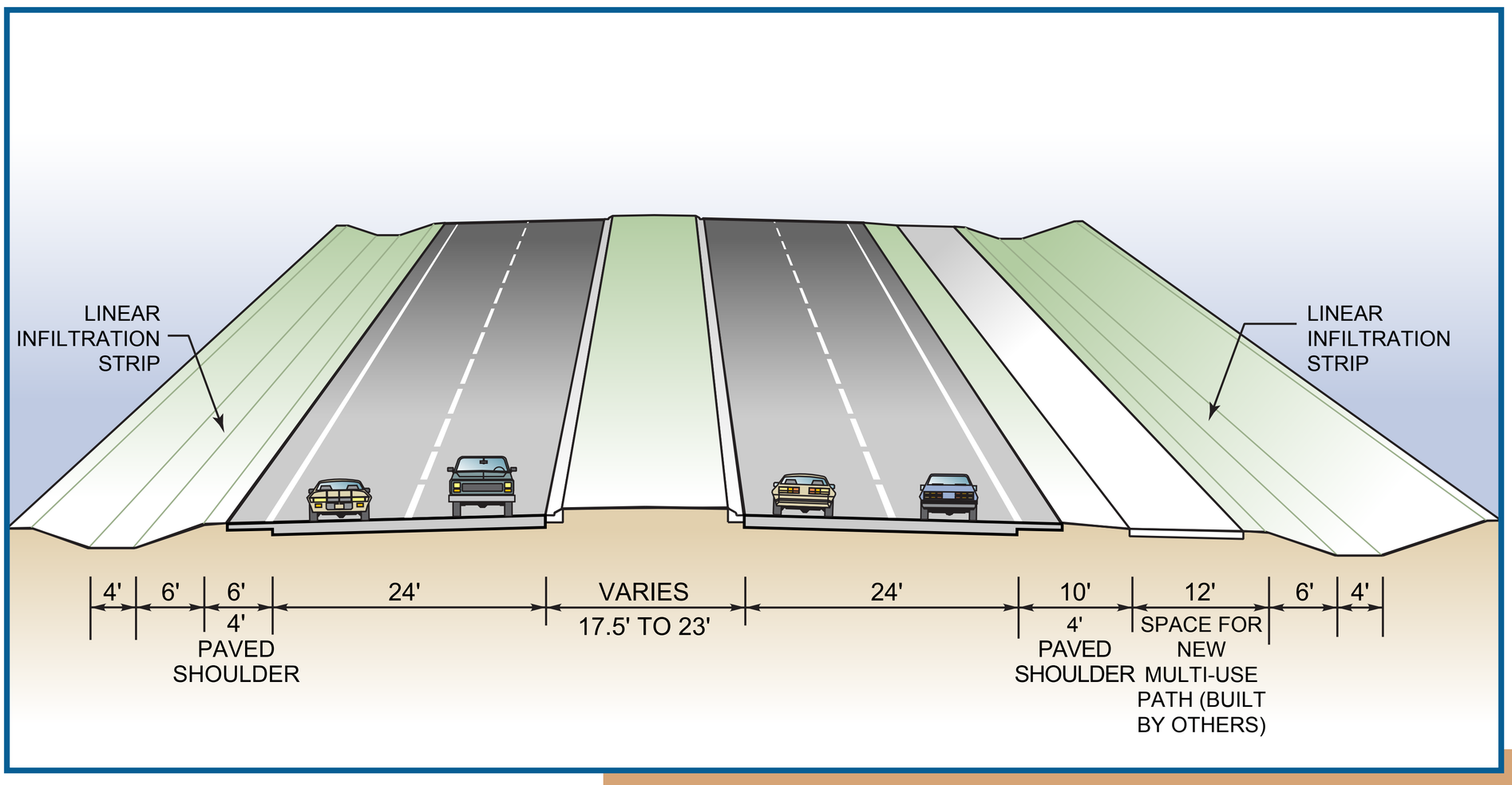
# NC 12 Four-Lane Widening

**Photo Simulation**




**NC 12 4-Lane Widening**

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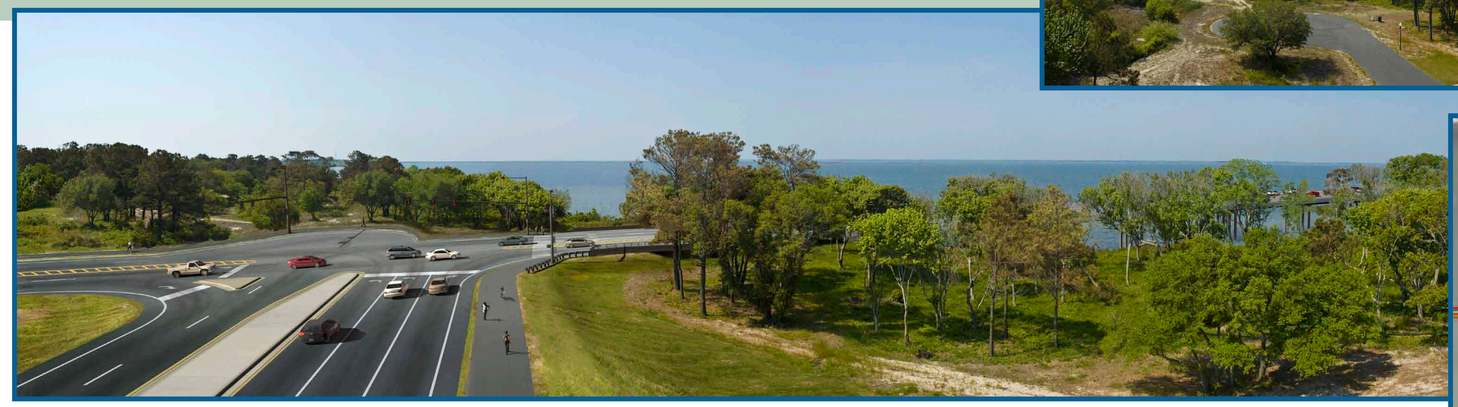
# Outer Banks Terminus Alternatives

## Bridge Corridor C1 Photo Simulation



## Bridge Corridor C2 Photo Simulation

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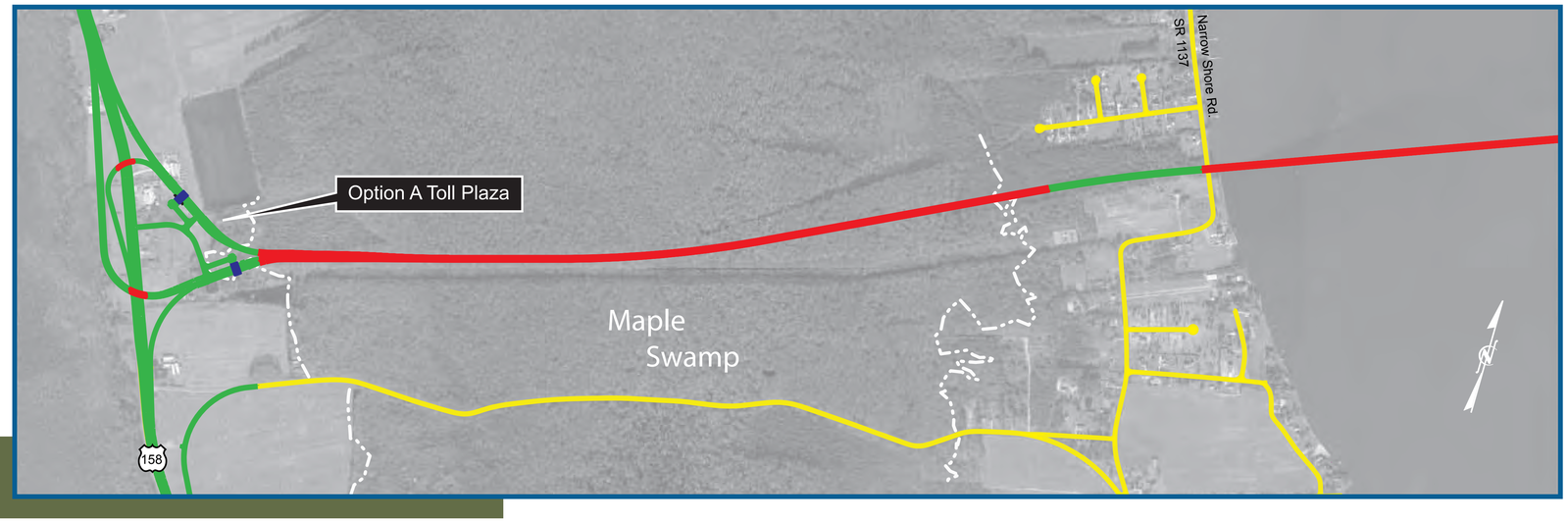
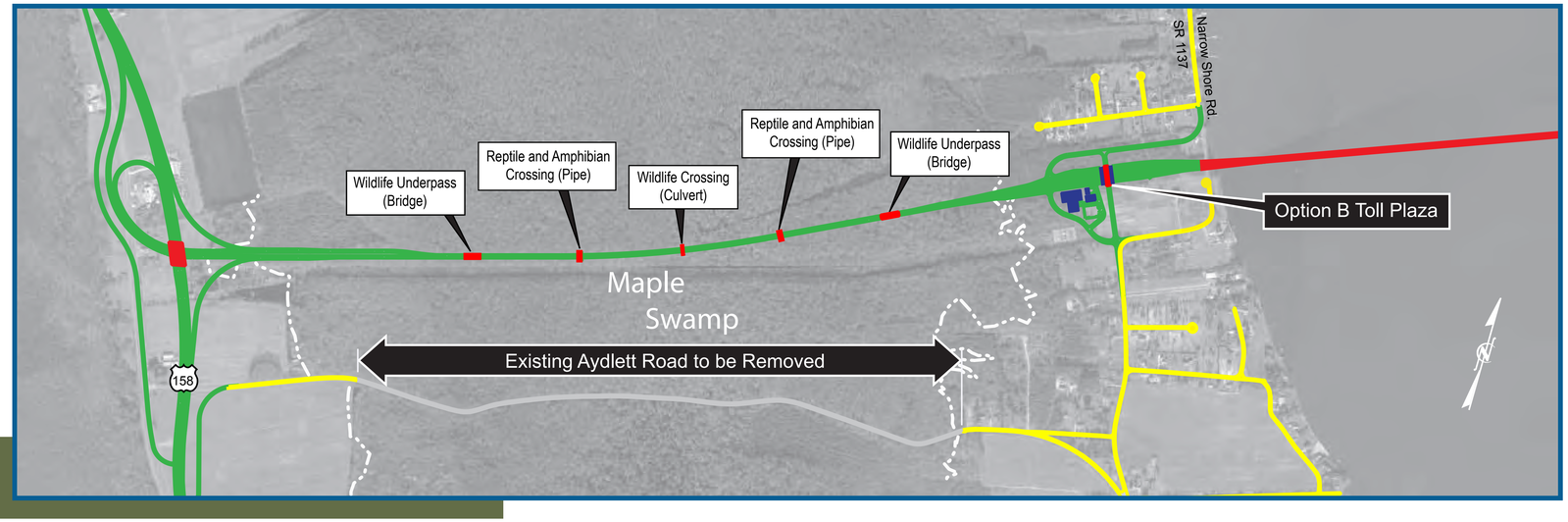
# Design Options A and B

## Option A




## Option B




**LEGEND**

- Existing Road
- Proposed and Improved Existing Road
- Proposed Toll Plaza and Buildings
- Proposed Bridges and Other Structures
- Maple Swamp Boundary

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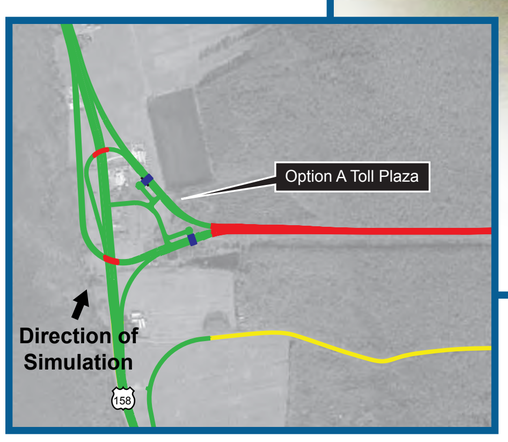
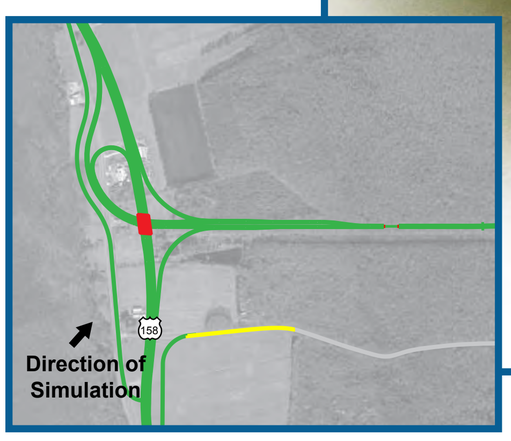
# US 158/Mid-Currituck Bridge Interchange Options & Typical Bridge Section

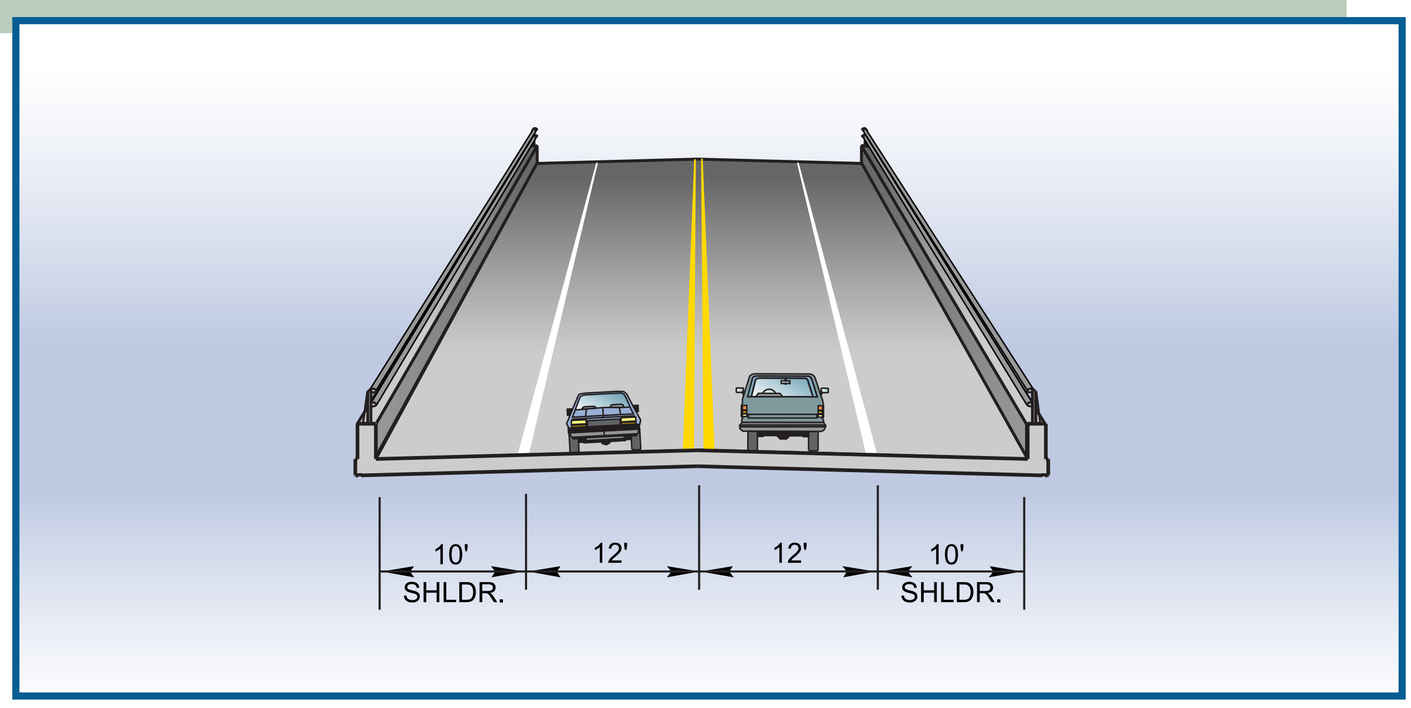
## US 158/Mid-Currituck Bridge Option A Interchange Simulation




## US 158/Mid-Currituck Bridge Option B Interchange Simulation




## Mid-Currituck Bridge Typical Section

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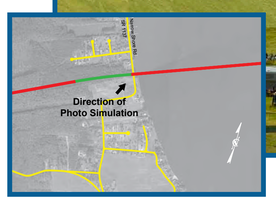
# Mid-Currituck Bridge at Aydlett (Option A and Option B)

## Option A - Aydlett Area Photo Simulation




## Option B - Aydlett Area Photo Simulation

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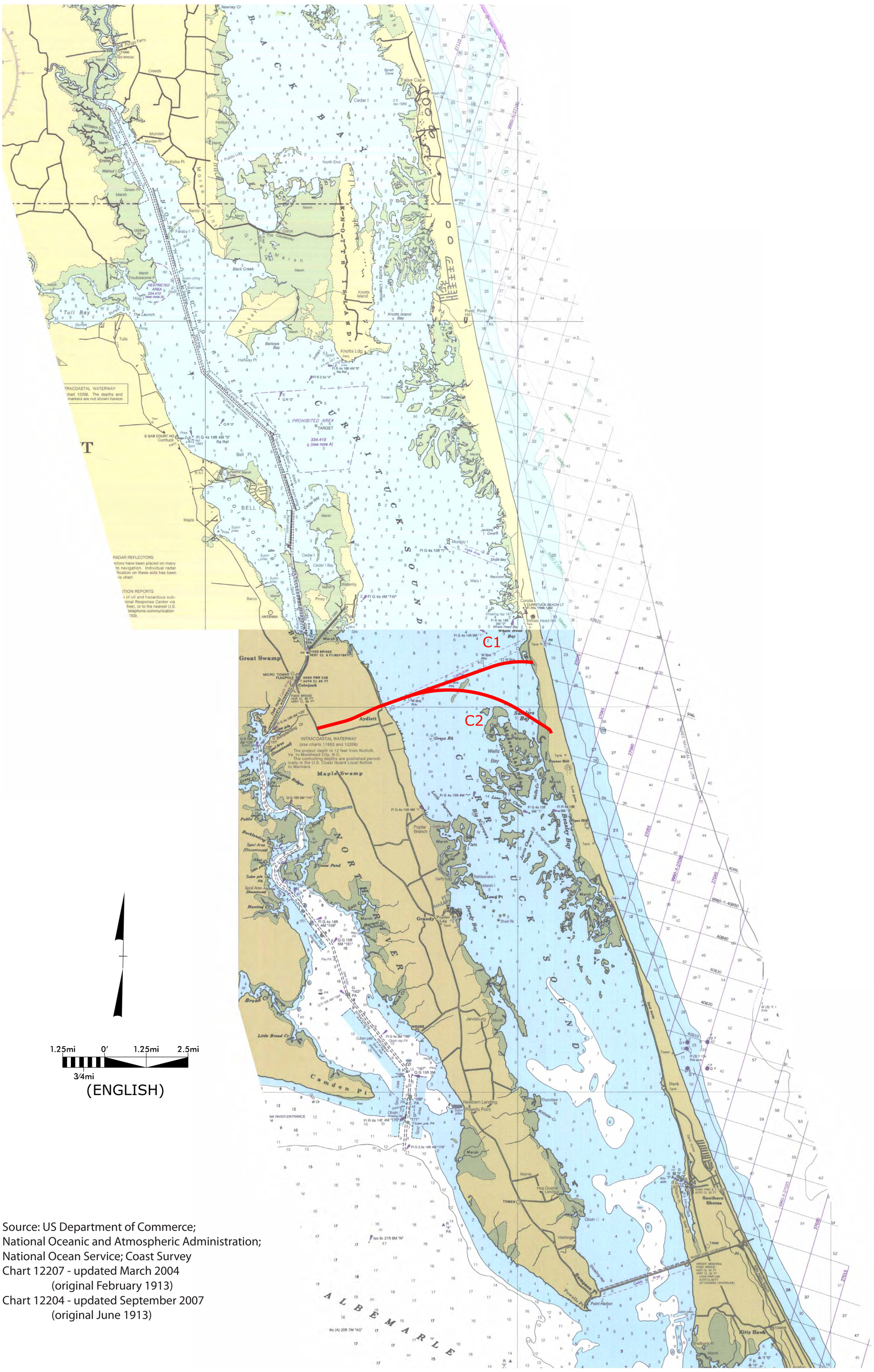
# Currituck Sound Water Depths




Source: US Department of Commerce;
National Oceanic and Atmospheric Administration;
National Ocean Service; Coast Survey
Chart 12207 - updated March 2004
(original February 1913)
Chart 12204 - updated September 2007
(original June 1913)

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