

**STIP Project No. R-2576**

**Federal Aid Project No. BRSTP-000S(494)**

Mid-Currituck Bridge  
Study

# Public Hearing

# *Welcome* to the **Public Hearing** **for Corridor & Design of the** **Mid-Currituck Bridge Study**

## **Currituck and Dare Counties**

# Tonight's Agenda

- **Public Hearing Process**
- **General Project Overview**
- **Review of Corridor Map Details**
- **Public Comment Opportunity**

# Introductions

- **NCTA**
- **NCDOT**
- **FHWA**
- **Others**

# “Ground Rules”

**This is your opportunity...**

- **Open Houses & Workshops**
- **Comments - Pros & Cons**
- **This is not a debate**
- **General questions will be answered**
- **Detailed questions - after the hearing**
- **If not tonight then...**

# “Ground Rules”

- No debate among the audience
- Even if you do not agree – be courteous
- Three minute time limit
- There is a timekeeper
- Sign-up list
- After those who sign-up have spoken others will have the opportunity
- You may speak, send in written comments – or both

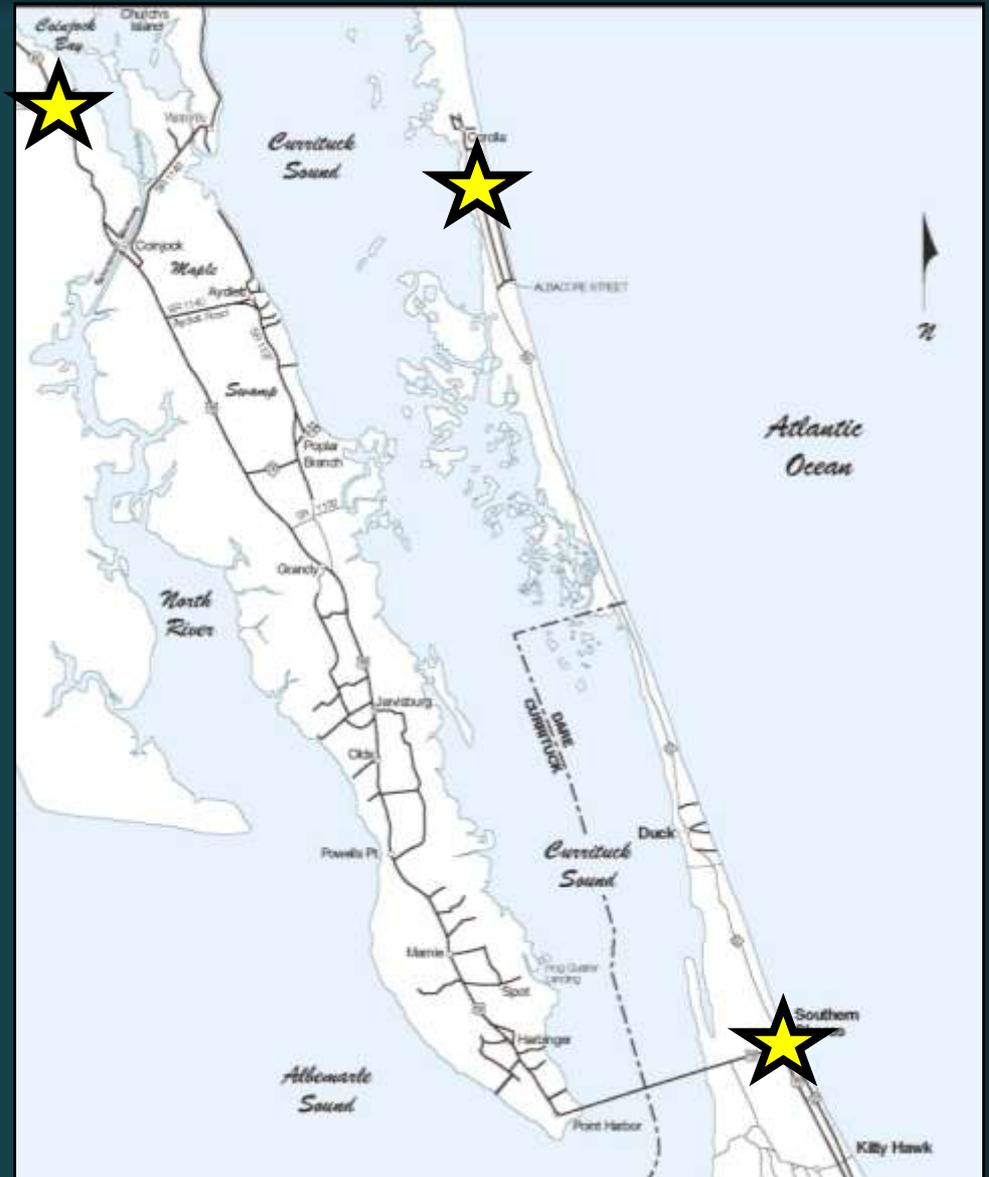
# General Project Overview

- **Background Information**
- **Project Purpose and Need**
- **Description of Detailed Study Alternatives**
- **Project Funding**
- **Draft EIS**
- **Recommended Alternative**
- **Right of Way and Relocation**
- **Boating and Related Issues**



**2005 – Mid-Currituck Bridge becomes candidate toll facility**

# Project Area

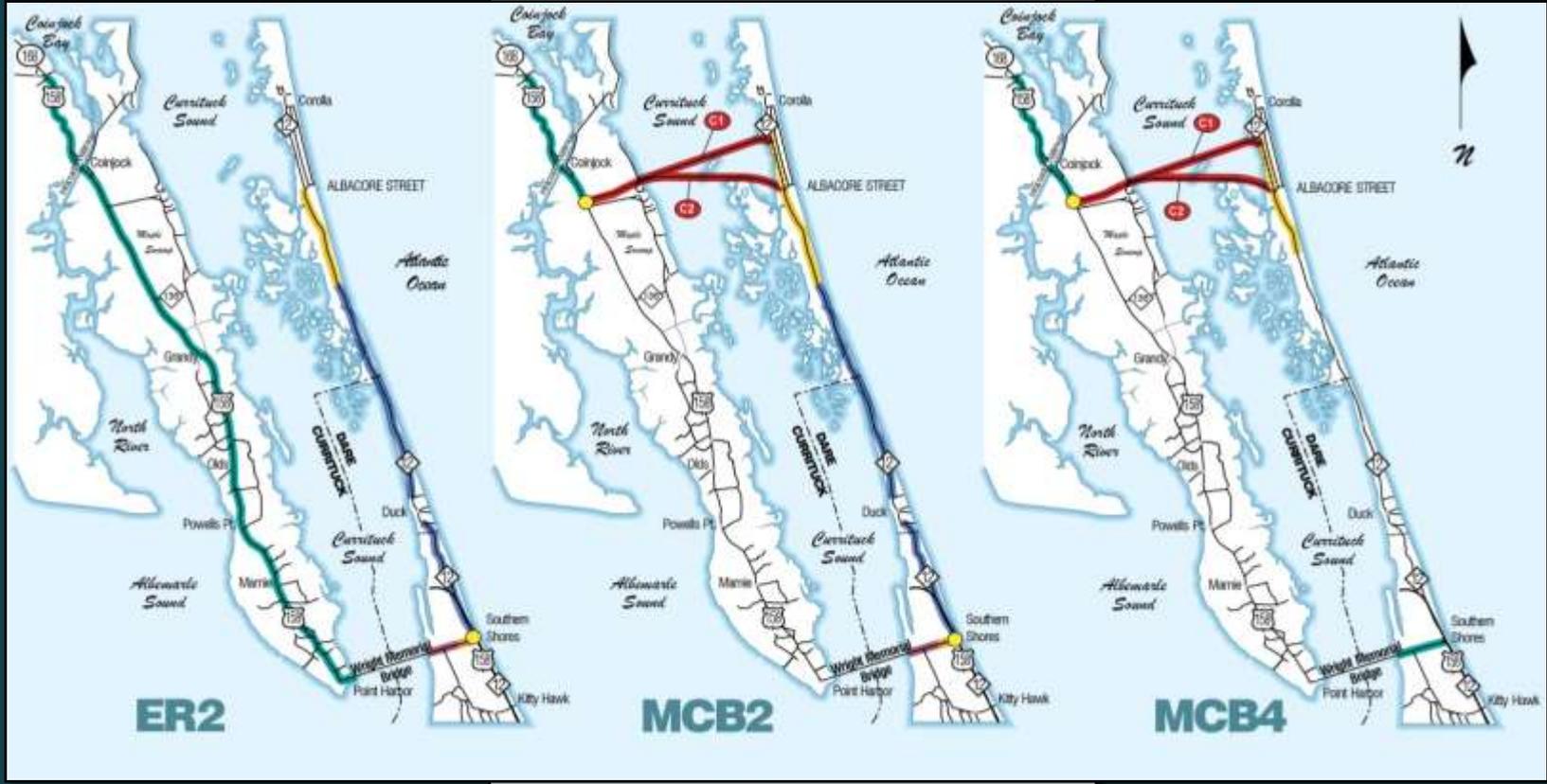


# Project Purpose and Need

- To substantially improve traffic flow on the project area's thoroughfares (NC 12 and US 158)
- To substantially reduce travel time for persons traveling between the Currituck County mainland and the Currituck County Outer Banks
- To substantially reduce hurricane clearance time for residents and visitors who use US 158 and NC 168 during a coastal evacuation

*With the proposed project in place, future travel time between the Currituck County mainland and Outer Banks is expected to be substantially shorter for many trips, and overall congestion throughout the project area also is predicted to be reduced.*

# Detailed Study Alternatives



# Alternative Concepts Considered in the Draft EIS

- **Additional road and/or bridge alternatives**
- **Low cost alternatives**
- **Ferry alternatives**
- **Additional Mid-Currituck Bridge corridor alternatives**

# Project Funding

- Revenue Bonds
- TIFIA Loans
- Gap Appropriation
- Public Private Partnership

# Public Private Partnership

- **Private concessionaire will:**
  - Design
  - Finance
  - Build
  - Operate
  - Maintain
- **Done under a contract with NCTA**
- **NCTA will own the bridge**

# How much would tolls cost?

- 2007 preliminary traffic and revenue study indicated a one-way toll of \$6 to \$12
- Initial toll rates ultimately will be based on Investment Grade Traffic and Revenue Study
- All toll revenue is used to finance, construct, operate, and maintain the bridge
- Legislation requires that when the bridge is paid for, the toll be removed

# How will tolls be collected?



# What is a Draft EIS?



National Archives and  
Records Administration

code of  
federal regulations

## PART 1500—PURPOSE, POLICY, AND MANDATE

- Sec.  
1500.1 Purpose.  
1500.2 Policy.  
1500.3 Mandate.  
1500.4 Reducing paperwork.  
1500.5 Reducing delay.  
1500.6 Agency authority.

**AUTHORITY:** NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609) and E.O. 11514, Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

**SOURCE:** 43 FR 55990, Nov. 28, 1978, unless otherwise noted.

### §1500.1 Purpose.

(a) The National Environmental Policy Act (NEPA) is our basic national charter for protection of the environment. It establishes policy, sets goals (section 101), and provides means (section 102) for carrying out the policy

environmental consequences, and take actions that protect, restore, and enhance the environment. These regulations provide the direction to achieve this purpose.

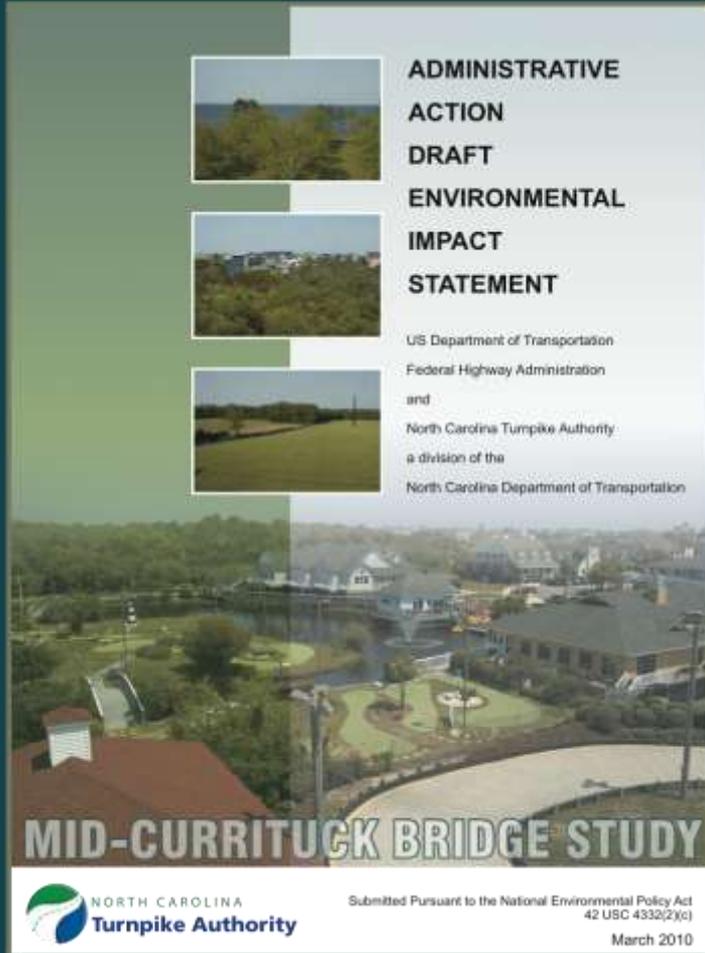
### §1500.2 Policy.

Federal agencies shall to the fullest extent possible:

(a) Interpret and administer the policies, regulations, and public laws of the United States in accordance with the policies set forth in the Act and in these regulations.

(b) Implement procedures to make the NEPA process more useful to decisionmakers and the public; to reduce paperwork and the accumulation of extraneous background data; and to emphasize real environmental issues and alternatives. Environmental impact statements shall be concise, clear, and to the point, and shall be supported by evidence that agencies have made the necessary environmental analyses.

# What is a Draft EIS?



**ADMINISTRATIVE  
ACTION  
DRAFT  
ENVIRONMENTAL  
IMPACT  
STATEMENT**

US Department of Transportation  
Federal Highway Administration  
and  
North Carolina Turnpike Authority  
a division of the  
North Carolina Department of Transportation

**MID-CURRITUCK BRIDGE STUDY**

 NORTH CAROLINA  
Turnpike Authority

Submitted Pursuant to the National Environmental Policy Act  
42 USC 4332(2)(c)  
March 2010

- Why is the project needed?
- What are the reasonable alternatives?
- What are the impacts?
- How can impacts be mitigated?
- Summarizes public and agency coordination

# Who is involved in the project?



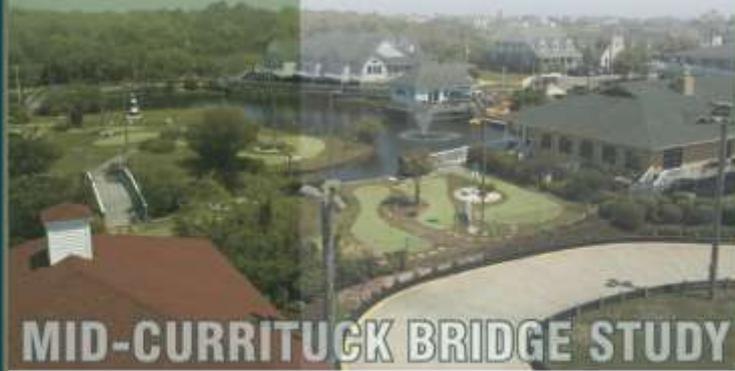
U.S. Department of Transportation  
**Federal Highway Administration**





**ADMINISTRATIVE ACTION DRAFT ENVIRONMENTAL IMPACT STATEMENT**

US Department of Transportation  
Federal Highway Administration  
and  
North Carolina Turnpike Authority  
a division of the  
North Carolina Department of Transportation



**MID-CURRITUCK BRIDGE STUDY**



Submitted Pursuant to the National Environmental Policy Act  
42 USC 4332(2)(c)  
March 2010



**US Army Corps of Engineers.**







**NORTH CAROLINA DEPARTMENT OF CULTURAL RESOURCES**  
[www.ncculture.com](http://www.ncculture.com)

# Who Else Is Involved?

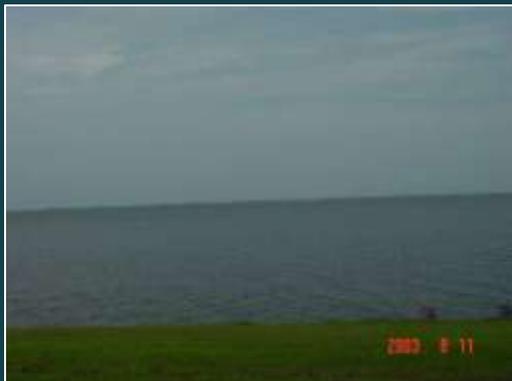
## Local Stakeholders

- Residents
- Property owners
- Traveling public
- Local governments
  - RPO
  - Towns
  - Counties
- Elected officials



# Alternatives Evaluated by Project Impacts

- Human Environment
- Physical Environment
- Cultural Environment
- Natural Environment



# Technical Evaluation of...



- Wetlands and Streams
- Water Quality
- Endangered Species
- Floodplains

- Historic and Archaeological Resources
- Noise
- Community Resources
- Relocations
- Air Quality
- Hazardous Materials
- Farmlands



# The Alternative Selection Process

- Recommendation made in Draft EIS based on technical evaluation of all factors
- Public Hearing/Comment process provides affirmation -- or -- sufficient justification for changing the recommendation

# The Alternative Selection Process

- Not a “vote of the people”
- Not a political decision
- Based on sound, defensible, repeatable technical evidence with consideration of all public comments
- Process dictated by federal law (NEPA)

# Recommended Alternative is MCB4



# Right of Way Process

- If affected, you will be contacted by a Right of Way Agent
- Appraisal made based on current market value at the property's highest and best use
- Owners and tenants treated equally
- Owners rights explained clearly
- Just compensation paid for property
- Provide relocation advisory assistance

# Relocation Assistance

- Assistance in securing comparable housing is available
- Moving assistance provided and expenses may be paid for you
- Additional monetary compensation is available to: cope with mortgage increases, increased value of comparable home, closing costs

# Boating and Related Issues

- Boating activity study underway
- Will determine need for a navigation span with added height
- If you are a boater or rent boats please provide vessel information on your comment form



# Participate in this Hearing



**Speak at the Public Hearings**



**Drop your comments in the box**



**Mail your comments**



**E-mail your comments**

# June 2010

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
Father's Day						
27	28	29	30			

**Comments Due**

Flag Day

Father's Day

# What happens next?

- Review and evaluate comments
- August 2010 – Identify the Preferred Alternative
- September 2010 – Final EIS
- December 2010 – Record of Decision (ROD)
- Early 2011 – Begin Construction
- Late 2014 – Open to traffic

# **PUBLIC HEARING MAP REVIEW**

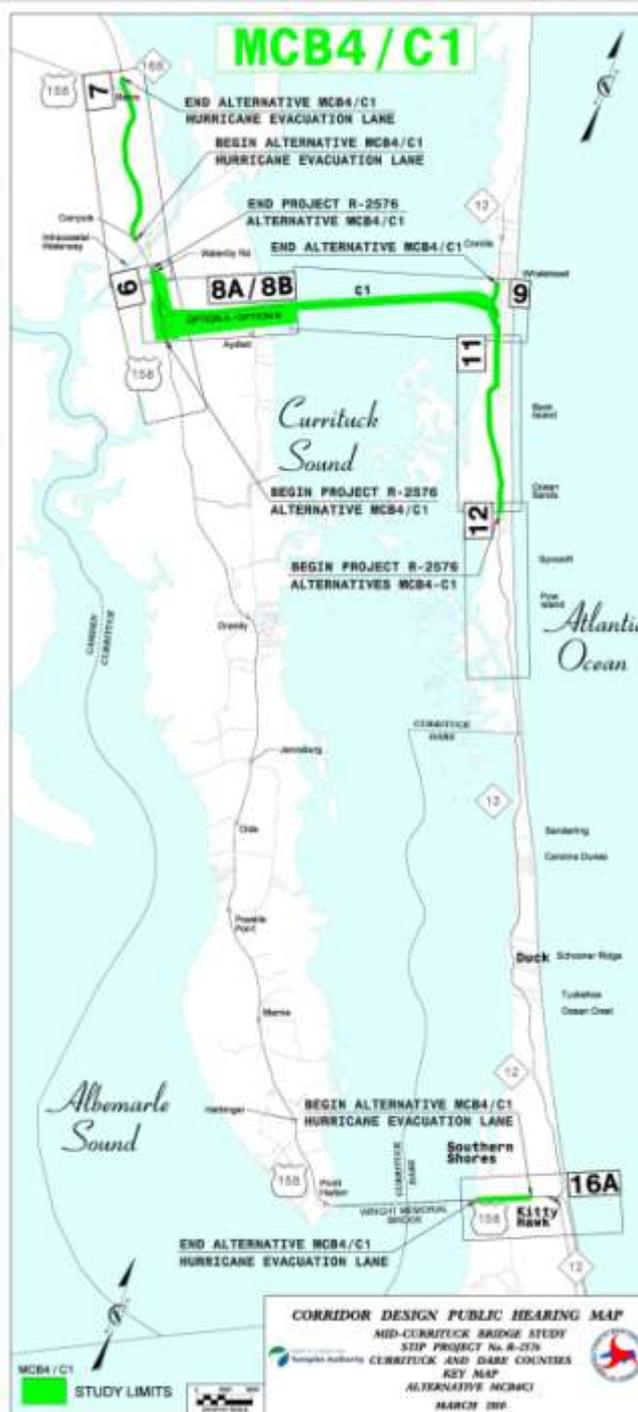
# ER2 Key Map



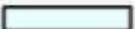
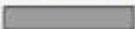
# MCB2/C1 and MCB2/C2 Key Maps



# MCB4/C1 and MCB4/C2 Key Maps

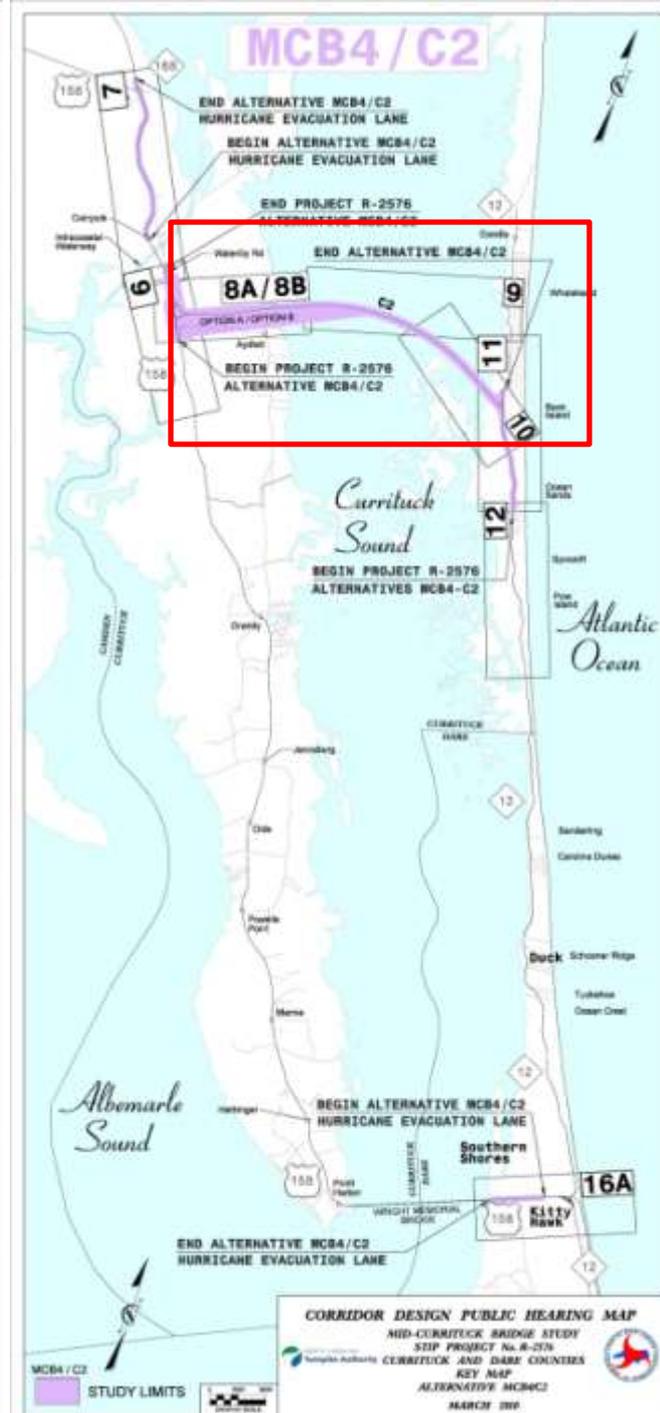


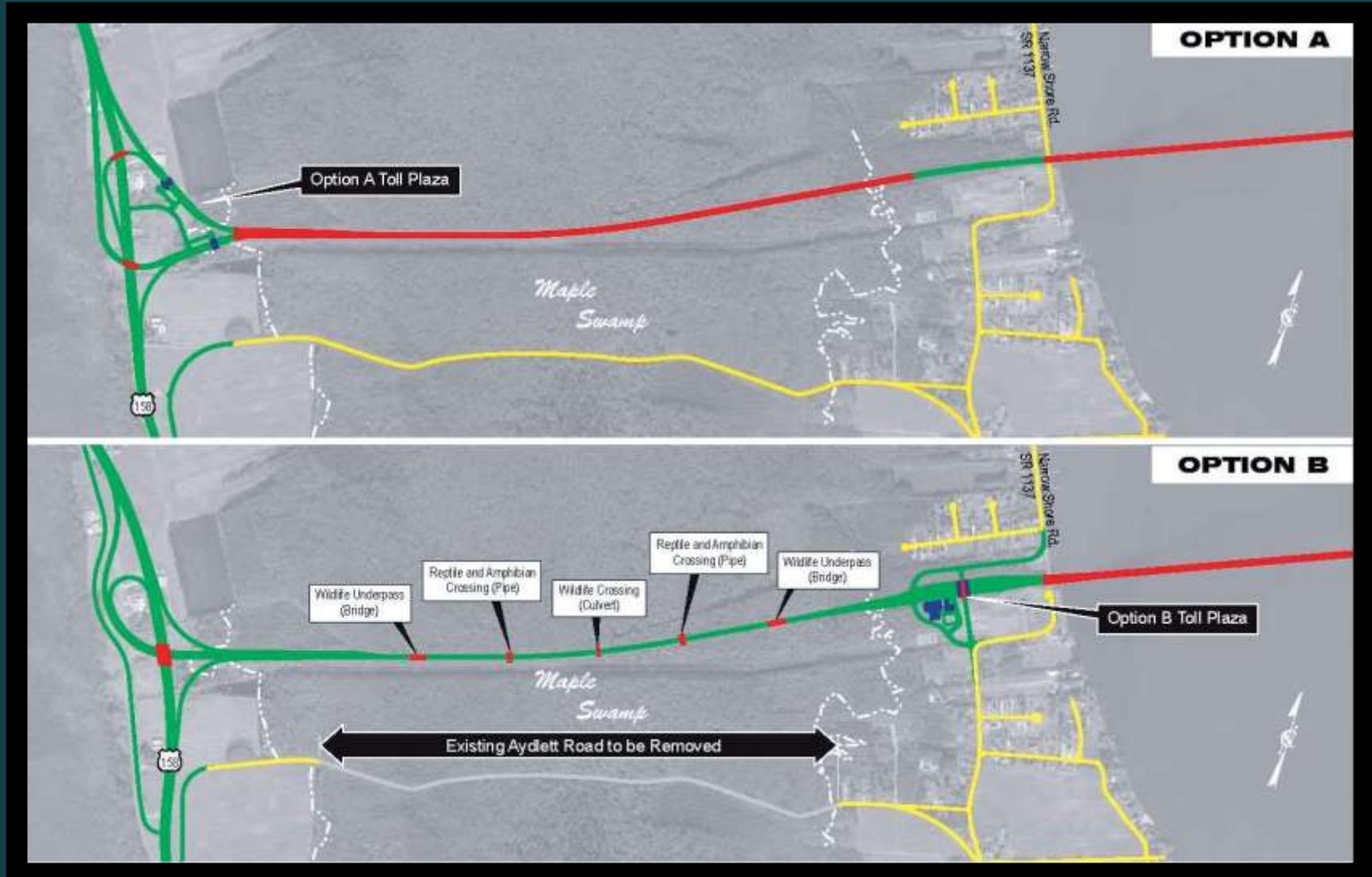
# Legend

	EXISTING BUILDING
	LAKES, RIVERS, PONDS, STREAMS AND SOUND
	PROPOSED RIGHT OF WAY
	PROPOSED RIGHT OF WAY WITH CONTROL OF ACCESS
	PROPOSED TEMPORARY CONSTRUCTION EASEMENT
	GRAVE SITE
	PROPOSED PAVEMENT
	PROPOSED BRIDGE
	WETLANDS
	HISTORIC PROPERTY
	PROPERTY LINES
	EXISTING ROAD
	STUDY LIMITS MCB4/C2
	STUDY LIMITS MCB4/C1
	STUDY LIMITS MCB2/C1
	STUDY LIMITS MCB2/C2
	STUDY LIMITS ER2
	PERMANENT DRAINAGE EASEMENT
	PROPOSED RETAINING WALL
	EXISTING TRAFFIC SIGNAL
	PROPOSED TRAFFIC SIGNAL

PHOTOGRAPH DATED JUNE 2007

# MCB4/C1 and MCB4/C2 Key Maps







DESIGN PUBLIC  
BRITUCK BRID  
PROJECT No  
AND DAR  
2010



01

CORRIDOR DESIGN PUBLIC HEARING MAP  
HIGH-CAPACITY AVENUE STUDY  
STEP PROJECT R-2578  
CORRIDOR AND DARE DIVISION  
MARCH 2009



MAP



BEGIN PROJECT R-2578  
ALTERNATIVES MCB2/MCB4



DESIGN PUBL  
CURRITUCK BRID  
STIP PROJECT No  
CURRITUCK AND DAR  
MARCH 2010

CORRIDOR DESIGN PUBLIC HEARING MAP  
HIGH-CAPACITY AVIATION STUDY  
STEP PROJECT N-1-200  
CURRITUCK AND DARBY COUNTIES  
MARCH 2010



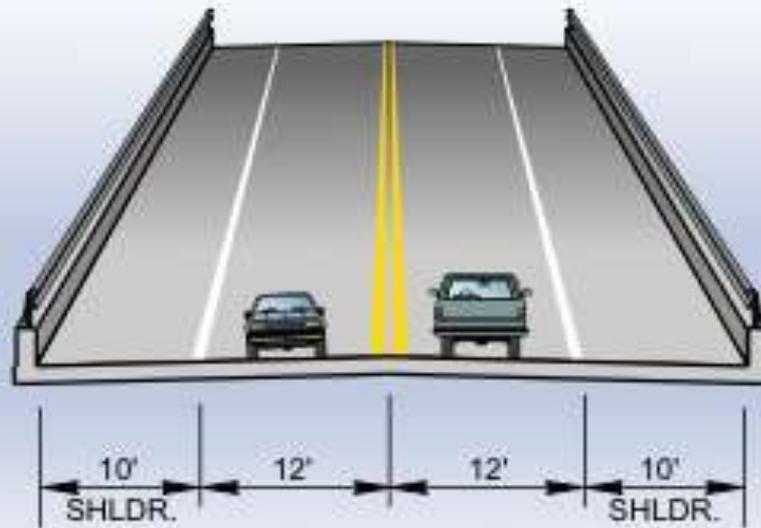
EXISTING ROAD  
TO BE DEMOLISHED

BEGIN PROJECT R-2576  
ALTERNATIVES MCB2/MCB4

MATCH TO INSET A

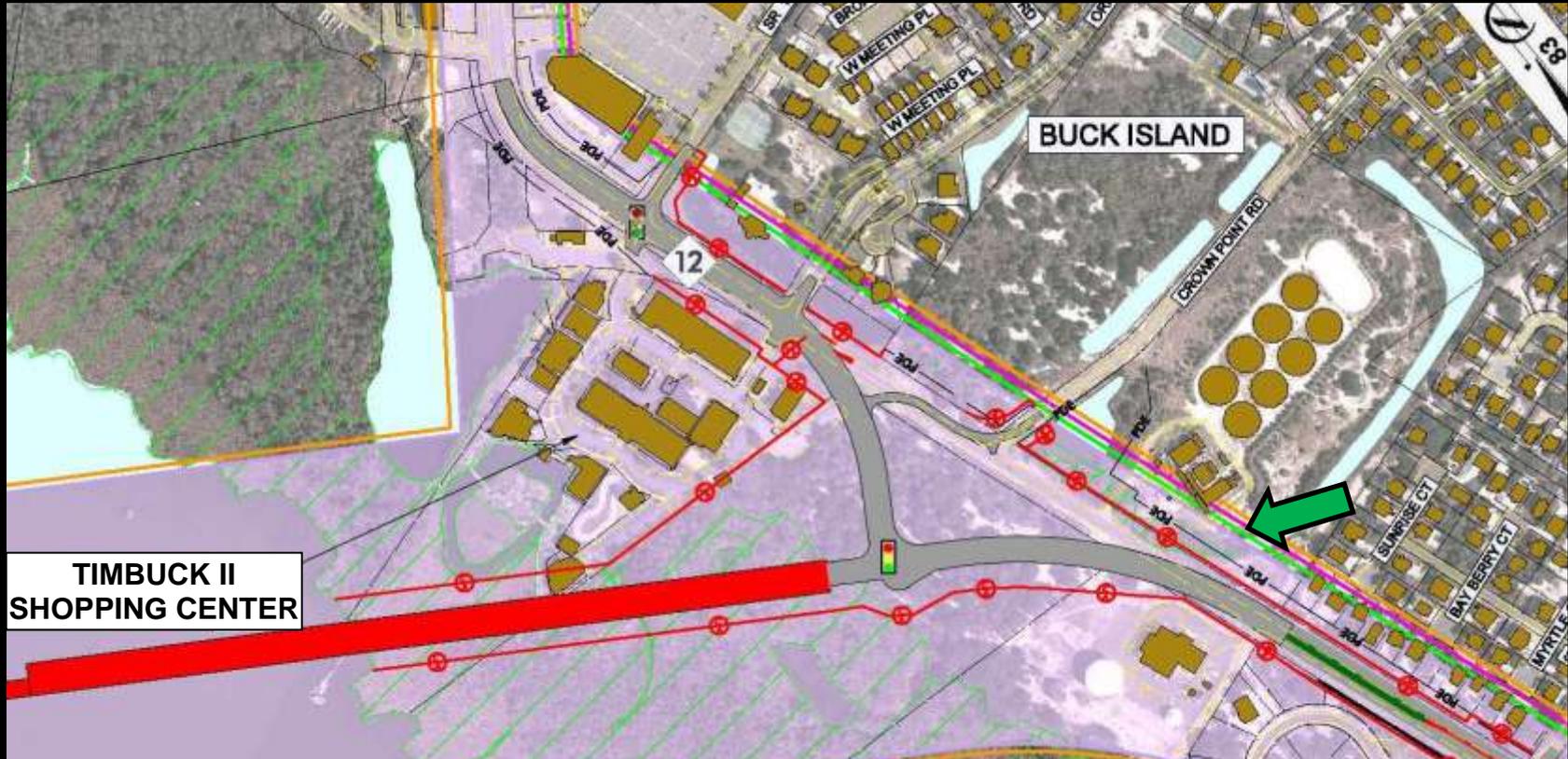
8/15  
19  
RA

MI  
2012 AD  
2006 AD





CONRADSON DESIGN PUBLIC HEARING MAP  
AEC-CLEARANCE MARKER SETOUT  
SITE PROJECT NO. 16-0126  
CONTRACT NO. 1603-0000000000  
AUGUST 2016

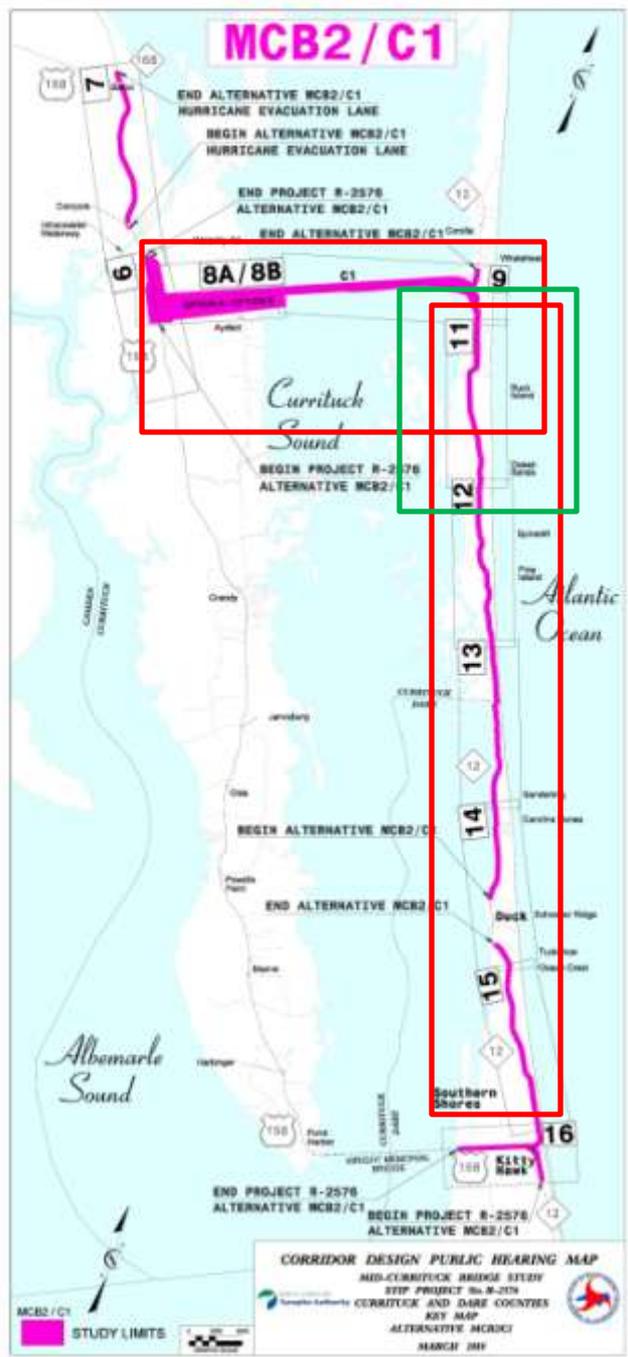


# ER2



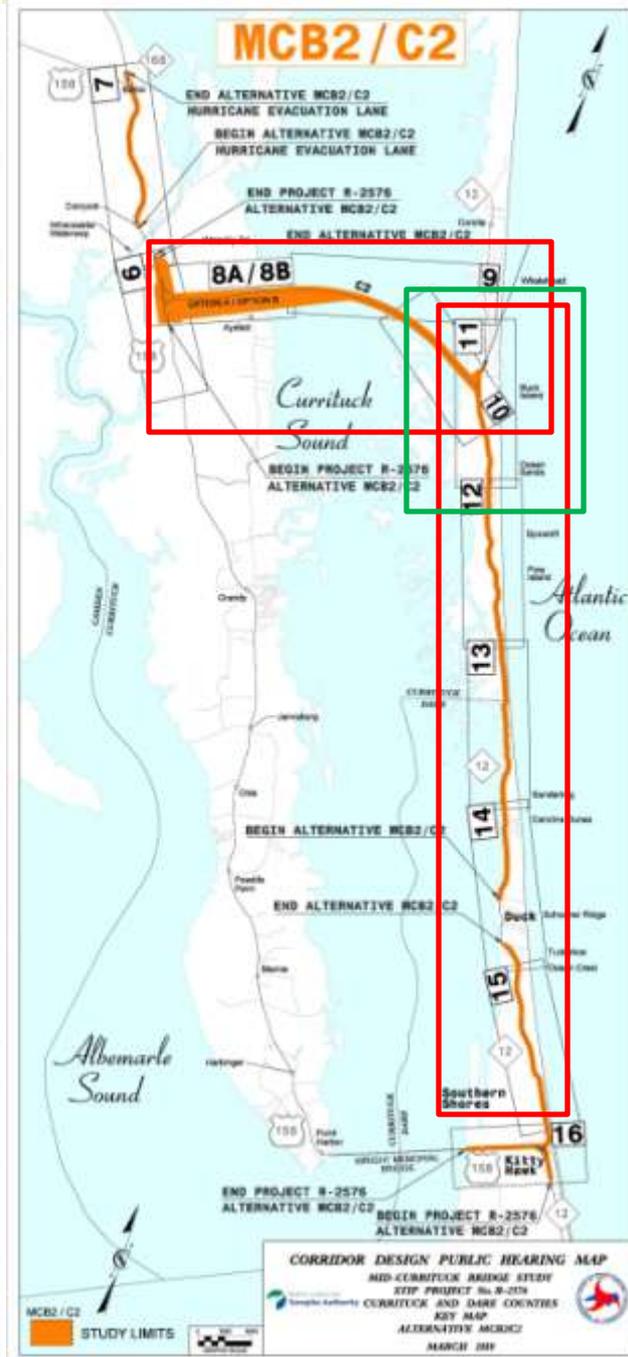
**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STIP PROJECT No. R-215  
Prepared by CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE ER2  
MARCH 2019

# MCB2/C1



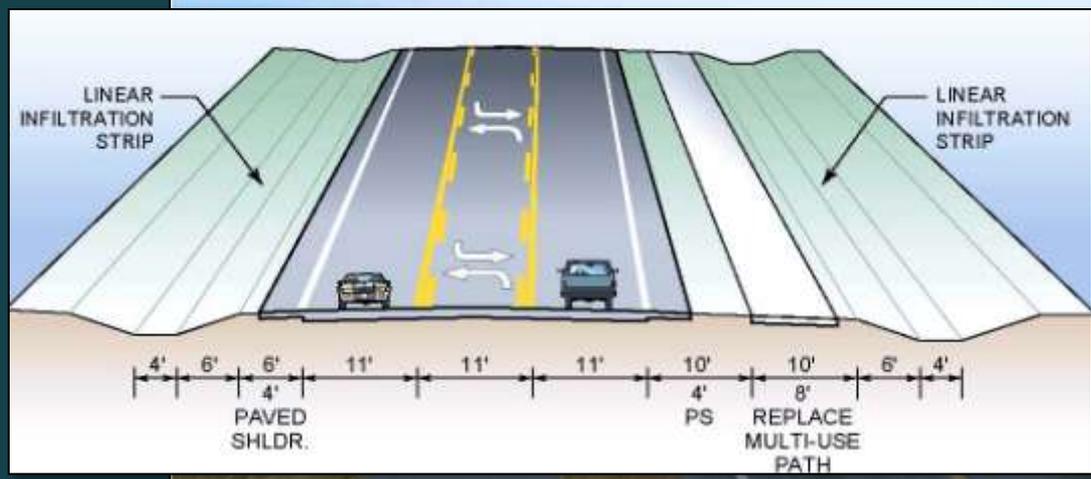
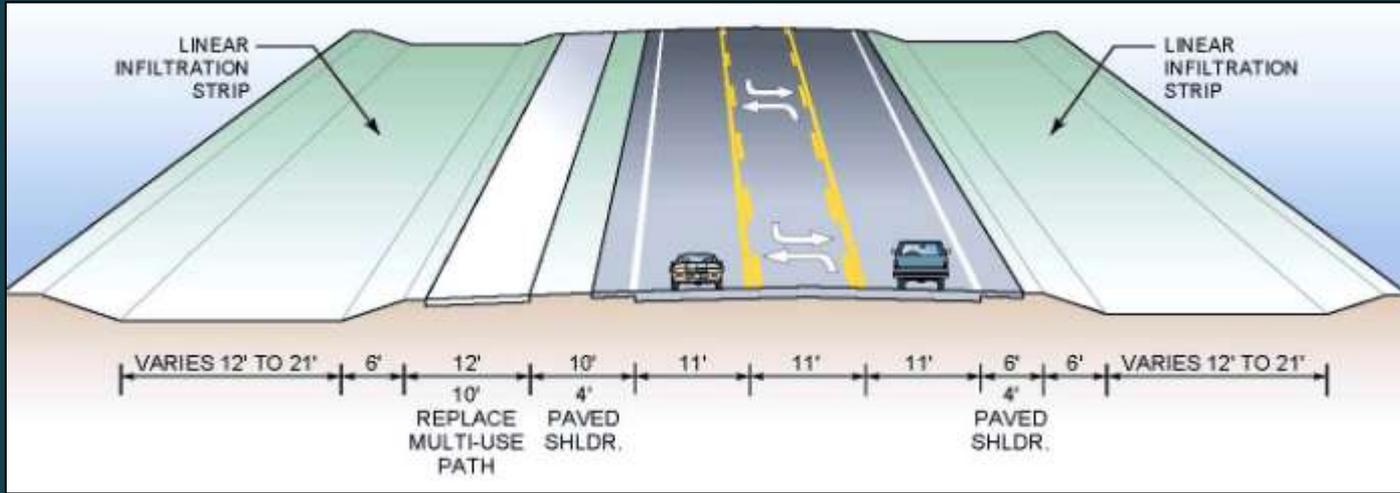
**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STIP PROJECT No. R-215  
Prepared by CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE MCB2/C1  
MARCH 2019

# MCB2/C2



**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STIP PROJECT No. R-215  
Prepared by CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE MCB2/C2  
MARCH 2019

# 3-Lane Road









PRELIMINARY PLANS  
SUBJECT TO CHANGE WITHOUT NOTICE

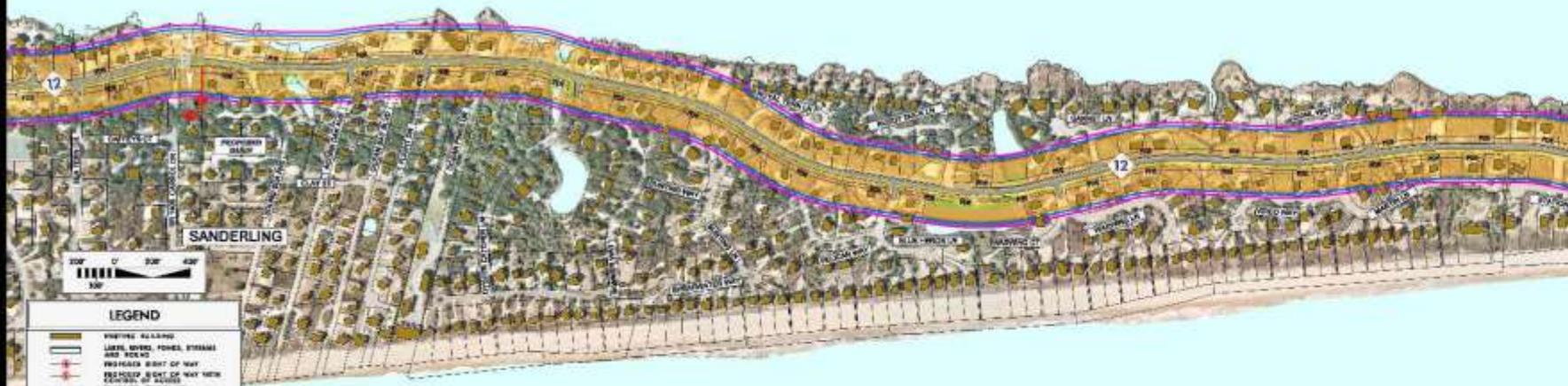
ER2

MCB2 / C1

MCB2 / C2

CURRITUCK SOUND

COMRIDOR DESIGN PUBLIC HEARING MAP  
AUGUSTA-CURRITUCK REGIONAL STUDY  
STEP PROJECT No. A-2019  
CURRITUCK AND DARK COUNTIES  
MARCH 2019  
Currituck Authority

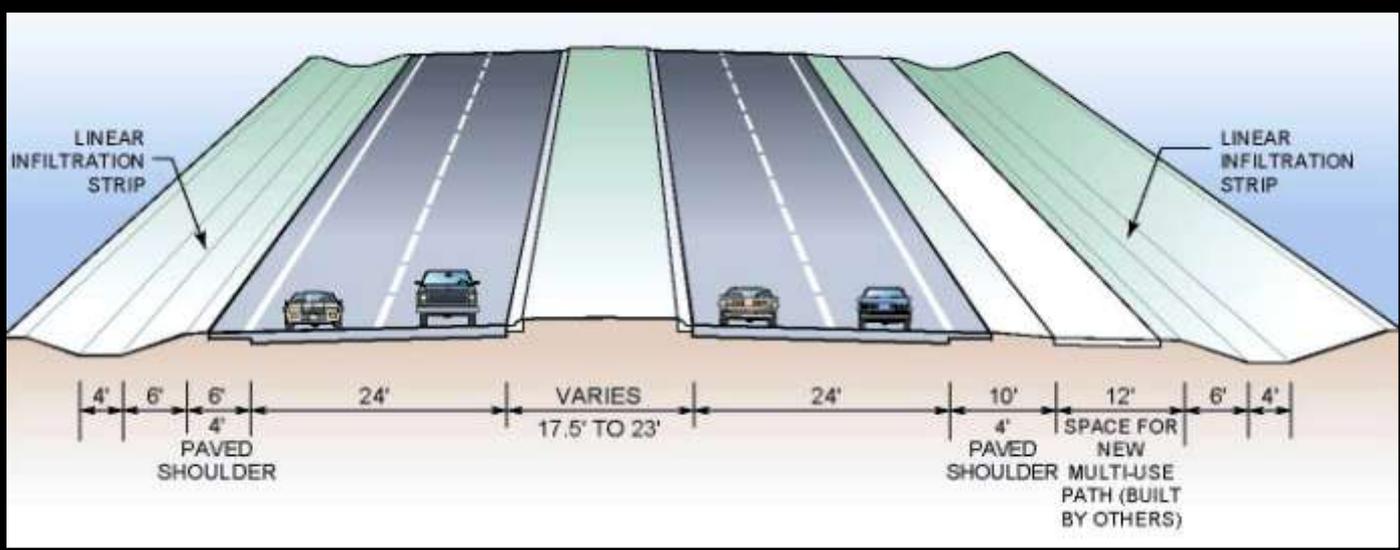


**LEGEND**

	EXISTING BUILDING
	LEAK, SEWER, POWER, STREAM AND TIE-IN
	PROPOSED BIRTH OF WAY
	PROPOSED BIRTH OF WAY WITH CENTERLINE OF ALLEYS
	PROPOSED TEAMWORK CONSTRUCTION (SCHEDULE)
	SALES SITES
	PROPOSED FURNISHMENT
	PROPOSED BRIDGE
	WETLANDS
	EXISTING PROPERTY
	PROPERTY LINES
	EXISTING ROADS
	STUDY UNIT ACREAGE
	STUDY UNIT ACREAGE
	GROUP LOTS ACREAGE
	STUDY UNIT ACREAGE
	STUDY UNIT USE
	TREATMENT AND/OR DRAINAGE
	PROPOSED BIRTH OF WAY
	EXISTING TRAFFIC SIGNAL
	PROPOSED TRAFFIC SIGNAL
	PHOTOGRAPHY DATE: JUNE 2017

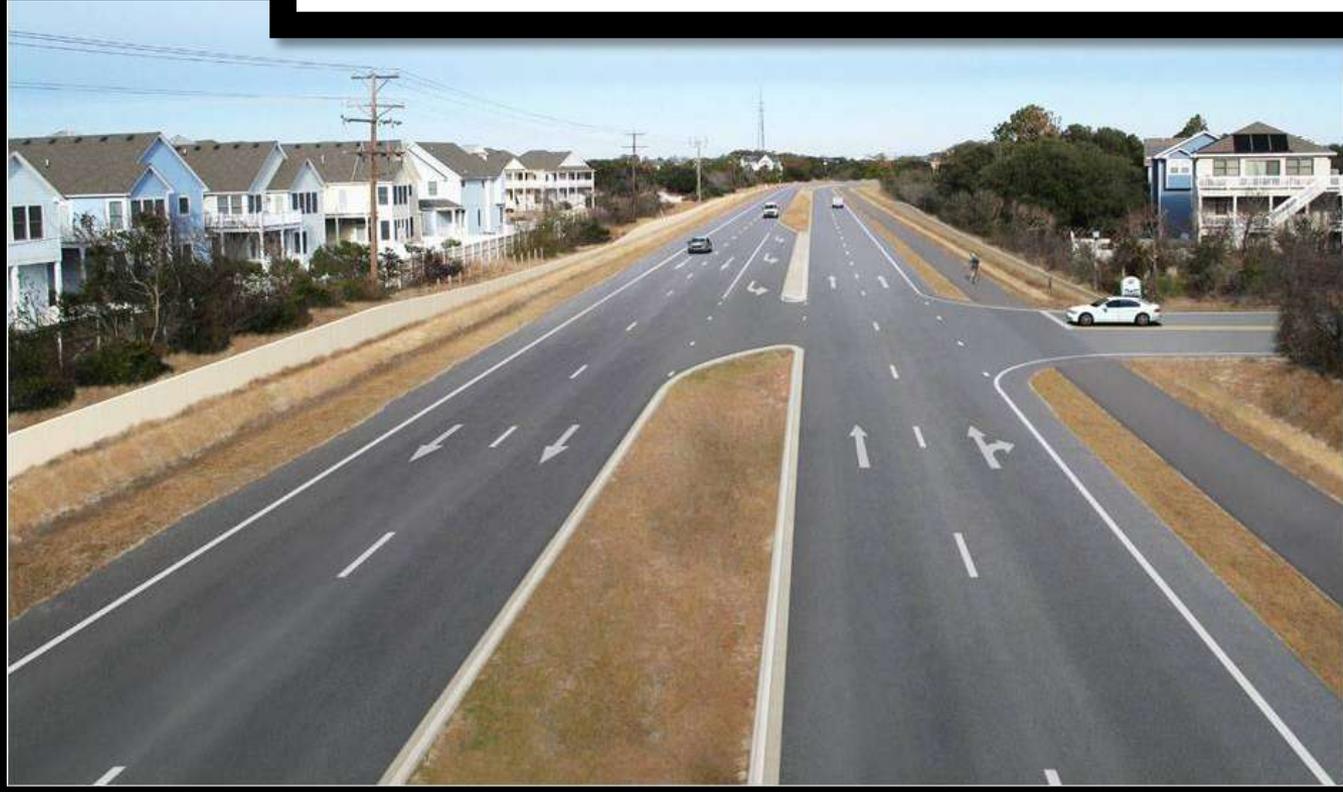
ATLANTIC OCEAN

NAD 83



1  
2

CORRIDOR DESIGN PUBLIC HEARING MAP  
MIDDLEBOROUGH REGIONAL STUDY  
STEP PROJECT No. M-2018  
CONSTRUCTION AND MAINTENANCE



OCEAN

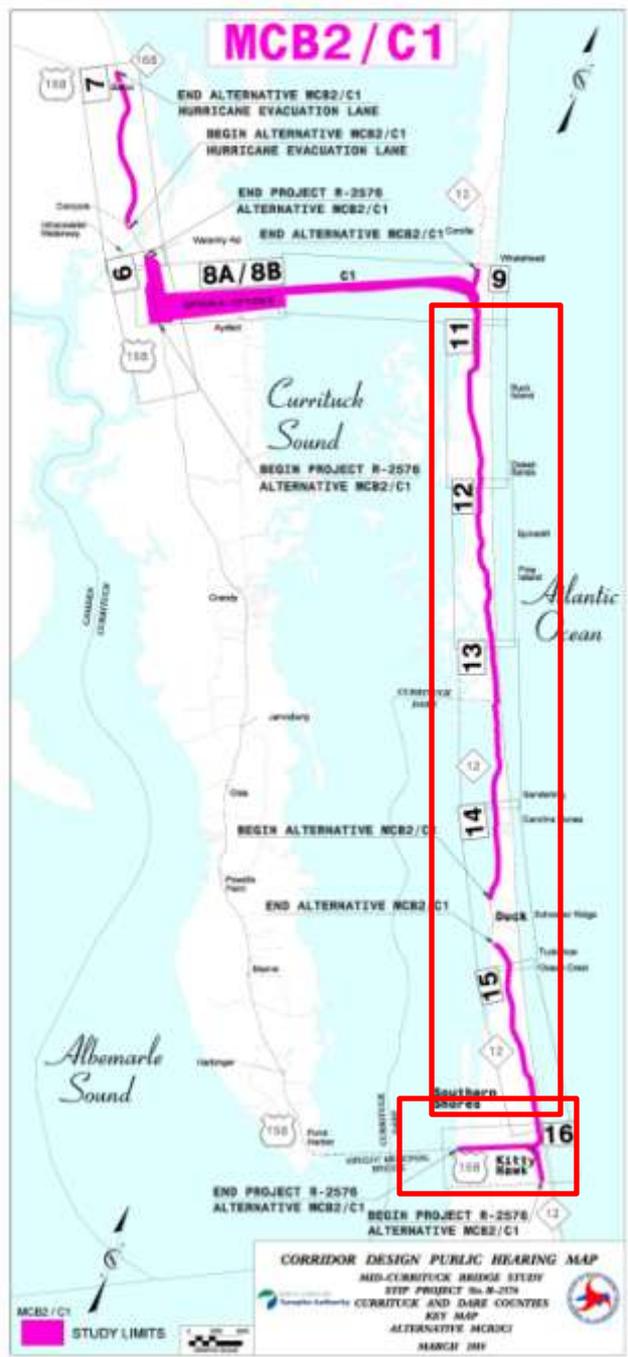


# ER2



**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STEP PROJECT No. R-219  
SOUTH COUNTY CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE ER2  
MARCH 2019

# MCB2/C1



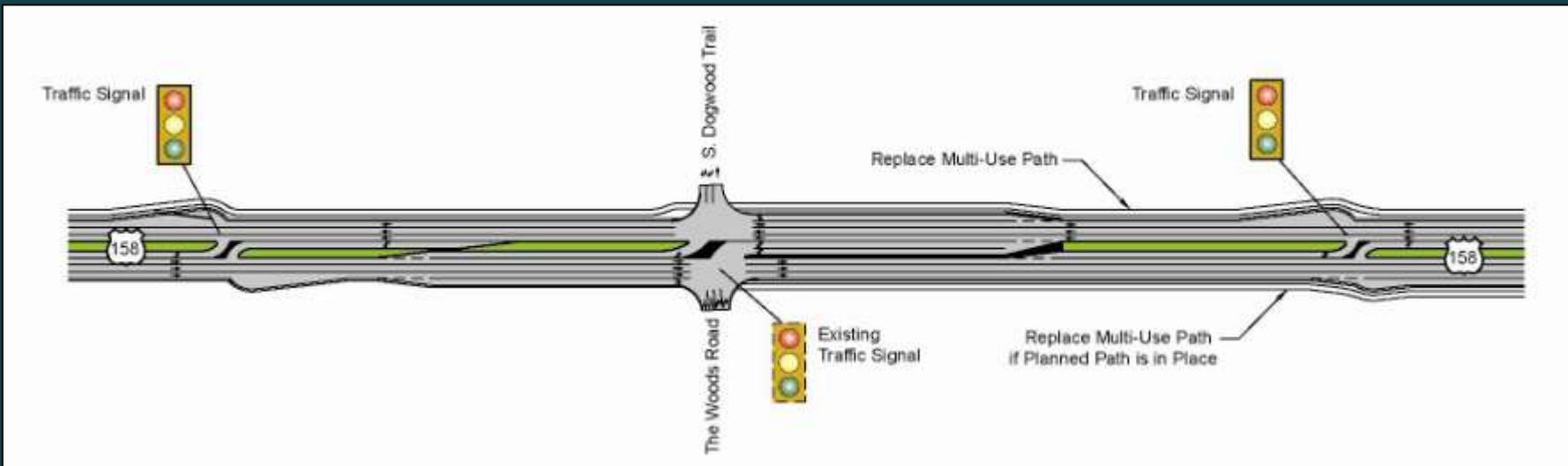
**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STEP PROJECT No. R-219  
SOUTH COUNTY CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE MCB2/C1  
MARCH 2019

# MCB2/C2



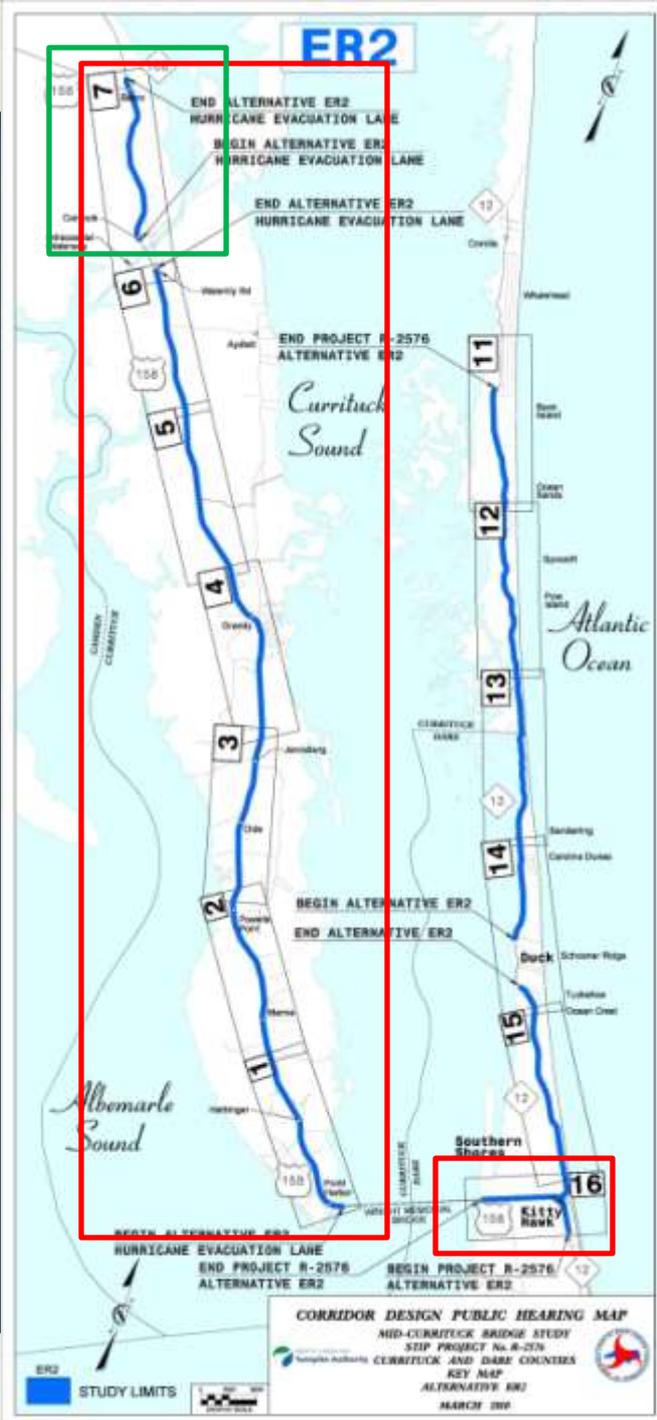
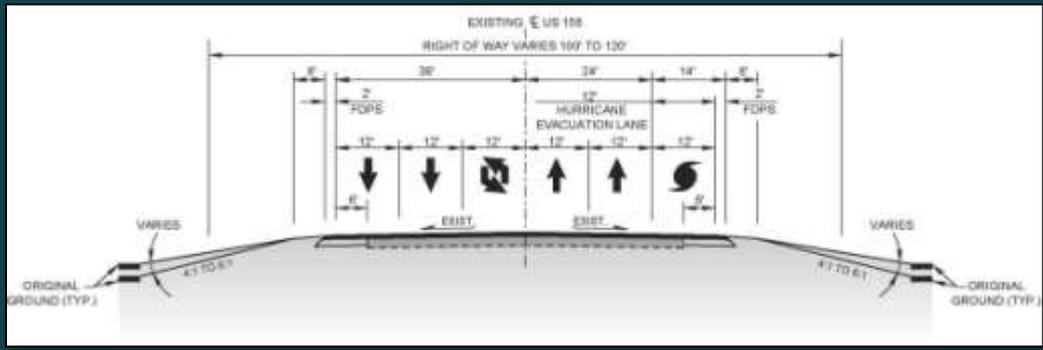
**CORRIDOR DESIGN PUBLIC HEARING MAP**  
MID-CURRITUCK BRIDGE STUDY  
STEP PROJECT No. R-219  
SOUTH COUNTY CURRITUCK AND DARE COUNTIES  
KEY MAP  
ALTERNATIVE MCB2/C2  
MARCH 2019

# Superstreet









ALBEMARLE SOUND

PRELIMINARY PLANS  
 SUBJECT TO CHANGE WITHOUT NOTICE

ER2

POINT HARBOR

BEGIN ALT. ER2 HURRICANE EVACUATION LANE

WRIGHT MEMORIAL BRIDGE

CURRITUCK SOUND

CURRITUCK SOUND



LEGEND	
	EXISTING BUILDING
	LAKE, DRAIN, POND, STROKE AND SOUND
	REPROCESSED RIGHT OF WAY
	REPROCESSED RIGHT OF WAY WITH CONTROL OF VEHICLES
	PROPOSED TEMPORARY CONTROL STRUCTURE INCLUDING GATEWAY
	PROPOSED PARALLEL
	REPROCESSED WIDTH
	WETLANDS
	HISTORIC PRIORITY
	PROPERTY LINES
	EXISTING ROAD
	STUDY LIMITS (WEST)
	STUDY LIMITS (EAST)
	STUDY LIMITS (NORTH)
	STUDY LIMITS (SOUTH)
	REPROCESSED (INDICATED) REPROCESSED (INDICATED) ROAD
	REPROCESSED TRAFFIC SIGNAL
	REPROCESSED TRAFFIC SIGNAL
	REPROCESSED TRAFFIC SIGNAL







PRELIMINARY PLANS  
SUBJECT TO CHANGE WITHOUT NOTICE



COMBODOR DESIGN PUBLIC HEARING MAP  
MIDDLEBOROUGH REGIONAL STUDY  
STEP PROJECT No. R-2018  
COMBODOR AND DAVIS COUNTIES  
MARCH 2019

MATCH TO SHEET 4 OF 16

158



**LEGEND**

[Symbol]	EXISTING BUILDING
[Symbol]	LAKE, POND, FISH POND, STREAM AND CANAL
[Symbol]	PROPOSED RIGHT OF WAY
[Symbol]	PROPOSED RIGHT OF WAY WITH CONTROL OF ACCESS
[Symbol]	PROPOSED TEMPORARY CONSTRUCTION EASEMENT
[Symbol]	GRADE TYP
[Symbol]	PROPOSED PAVEMENT
[Symbol]	PROPOSED BRIDGE
[Symbol]	WETLANDS
[Symbol]	HISTORIC PRESERV
[Symbol]	EMERGENCY LANE
[Symbol]	EXISTING ROAD
[Symbol]	RIGHT LIMIT INDICATOR
[Symbol]	STREET LIMIT INDICATOR
[Symbol]	STREET LIMIT INDICATOR
[Symbol]	STREET LIMIT INDICATOR
[Symbol]	STREET LIMIT INDICATOR
[Symbol]	PROPOSED TRAFFIC SIGNAL
[Symbol]	PROPOSED TRAFFIC SIGNAL
[Symbol]	PROPOSED TRAFFIC SIGNAL

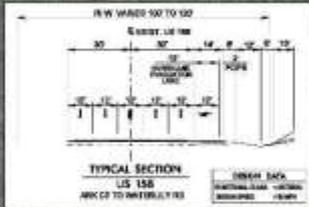


PRELIMINARY PLANS  
SUBJECT TO CHANGE WITHOUT NOTICE

**ER2**

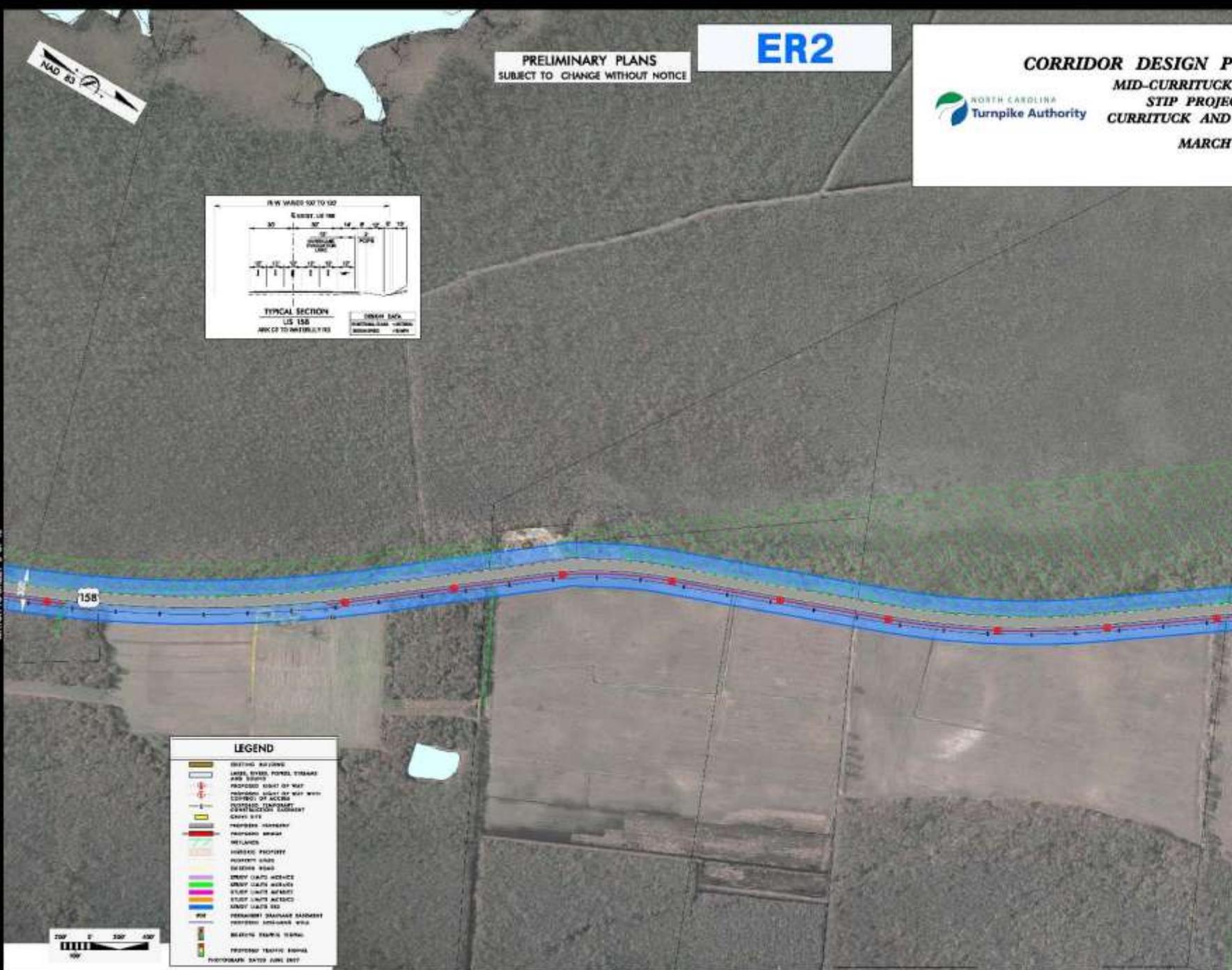
**CORRIDOR DESIGN PLAN**  
**MID-CURRITUCK**  
**STIP PROJECT**  
**CURRITUCK AND**  
**MARCH**

NORTH CAROLINA  
Turnpike Authority



**CORRIDOR DESIGN PUBLIC HEARING MAP**  
 MID-CURRITUCK BRIDGE STUDY  
 STIP PROJECT NO. R-209  
 CURRITUCK AND MARCH CORRIDORS  
 MARCH 2008

MATCH TO SHEET 5 OF 16



**LEGEND**

- EXISTING BARRIER
- LANE, GRADE, STORM STREAM AND BRIDGE
- PROPOSED RIGHT OF WAY
- PROPOSED RIGHT OF WAY WITH CONTROL OF ACCESS
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- CLEAR WAY
- PROPOSED SHOULDER
- PROPOSED MEDIAN
- WETLANDS
- EXISTING PROPERTY
- PROPOSED LANE
- EXISTING ROAD
- STREET LIGHT ADVANCE
- PERMANENT DRAINAGE EASEMENT
- PROPOSED INTERCHANGE WITH
- RELATIVE ELEVATION SIGNAL
- PROPOSED TRAFFIC SIGNAL

PHOTOGRAPH: SATCO JUNE 2007





*Thank you* for attending  
the Mid-Currituck Bridge Study  
Corridor/Design Public  
Hearing.

**WE WILL NOW RECEIVE  
YOUR COMMENTS**