



Pre-Construction Notification (PCN) Form

For Nationwide Permits and Regional General Permits
(along with corresponding Water Quality Certifications)

October 2, 2023 Ver 4.3

Please note: fields marked with a red asterisk * below are required. You will not be able to submit the form until all mandatory questions are answered.

Also, if at any point you wish to print a copy of the E-PCN, all you need to do is right-click on the document and you can print a copy of the form.

Below is a link to the online help file.

<https://edocs.deq.nc.gov/WaterResources/DocView.aspx?dbid=0&id=2196924>

A. Processing Information

If this is a courtesy copy, please fill in this with the submission date.

Does this project involve maintenance dredging funded by the Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund or involve the distribution or transmission of energy or fuel, including natural gas, diesel, petroleum, or electricity? *

☐ Yes ☒ No

Is this project connected with ARPA funding? *

☐ Yes ☒ No

County (or Counties) where the project is located: *

Dare

Tyrrell

Is this a NCDMS Project? *

☐ Yes ☒ No

Click Yes, only if NCDMS is the applicant or co-applicant.

DO NOT CHECK YES, UNLESS YOU ARE DMS OR CO-APPLICANT.

Is this project a public transportation project? *

☒ Yes ☐ No

This is any publicly funded by municipal, state or federal funds road, rail, airport transportation project.

Is this a NCDOT Project? *

☒ Yes ☐ No

(NCDOT only) T.I.P. or state project number:

HB-0001

WBS # *

49475.1.1

(for NCDOT use only)

1a. Type(s) of approval sought from the Corps: *

- ☒ Section 404 Permit (wetlands, streams and waters, Clean Water Act)
☒ Section 10 Permit (navigable waters, tidal waters, Rivers and Harbors Act)

Has this PCN previously been submitted? *

☒ Yes
☐ No

Please provide the date of the previous submission. *

7/15/2021

1b. What type(s) of permit(s) do you wish to seek authorization? *

- ☒ Nationwide Permit (NWP)
☐ Regional General Permit (RGP)
☐ Standard (IP)

1c. Has the NWP or GP number been verified by the Corps? *

☒ Yes ☐ No

Nationwide Permit (NWP) Number:

33 - Temporary Construction

NWP Numbers (for multiple NWPS):

List all NW numbers you are applying for not on the drop down list.

1d. Type(s) of approval sought from the DWR: *

check all that apply

- ☒ 401 Water Quality Certification - Regular
☐ Non-404 Jurisdictional General Permit
☐ Individual 401 Water Quality Certification

- ☐ 401 Water Quality Certification - Express
☐ Riparian Buffer Authorization

1e. Is this notification solely for the record because written approval is not required?

*

For the record only for DWR 401 Certification:

☒ Yes ☐ No

For the record only for Corps Permit:

☐ Yes ☒ No

1f. Is this an after-the-fact permit application? *

☐ Yes ☒ No

1g. Is payment into a mitigation bank or in-lieu fee program proposed for mitigation of impacts?

If so, attach the acceptance letter from mitigation bank or in-lieu fee program.

☐ Yes ☒ No

Acceptance Letter Attachment

Click the upload button or drag and drop files here to attach document

FILE TYPE MUST BE PDF

1h. Is the project located in any of NC's twenty coastal counties? *

☒ Yes ☐ No

1i. Is the project located within a NC DCM Area of Environmental Concern (AEC)? *

☒ Yes ☐ No ☐ Unknown

1j. Is the project located in a designated trout watershed? *

☐ Yes ☒ No

Link to trout information: <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Agency-Coordination/Trout.aspx>

B. Applicant Information



1a. Who is the Primary Contact? *

NCDOT

1b. Primary Contact Email: *

jdilday1@ncdot.gov

1c. Primary Contact Phone: *

(xxx)xxx-xxxx

(919)707-6111

1d. Who is applying for the permit? *

☒ Owner
(Check all that apply)

☐ Applicant (other than owner)

1e. Is there an Agent/Consultant for this project? *

☐ Yes ☒ No

2. Owner Information

2a. Name(s) on recorded deed: *

Jason Dilday

2b. Deed book and page no.:

2c. Contact Person:

(for Corporations)

2d. Address *

Street Address

1000 Birch Ridge Drive

Address Line 2

City

Raleigh

Postal / Zip Code

27610

State / Province / Region

NC

Country

USA

2e. Telephone Number: *

(xxx)xxx-xxxx

(919)707-6111

2f. Fax Number:

(xxx)xxx-xxxx

2g. Email Address: *

jdilday1@ncdot.gov

C. Project Information and Prior Project History

1. Project Information

1a. Name of project: *

Bridge 7 on US 64 over the Alligator River (HB-0001-Central)

1b. Subdivision name:

(if appropriate)

1c. Nearest municipality / town: *

East Lake

2. Project Identification

2a. Property Identification Number:

(tax PIN or parcel ID)

2b. Property size:

(in acres)

2c. Project Address

Street Address

Address Line 2

City

Postal / Zip Code

State / Province / Region

Country

2d. Site coordinates in decimal degrees

Please collect site coordinates in decimal degrees. Use between 4-6 digits (unless you are using a survey-grade GPS device) after the decimal place as appropriate, based on how the location was determined. (For example, most mobile phones with GPS provide locational precision in decimal degrees to map coordinates to 5 or 6 digits after the decimal place.)

Latitude: *

35.900732

ex: 34.208504

Longitude: *

-76.008779

-77.796371

3. Surface Waters

3a. Name of the nearest body of water to proposed project: *

Alligator River

3b. Water Resources Classification of nearest receiving water: *

SC, Sw

[Surface Water Lookup](#)

3c. What river basin(s) is your project located in? *

Pasquotank

3d. Please provide the 12-digit HUC in which the project is located. *

030102050906

[River Basin Lookup](#)

4. Project Description and History

4a. Describe the existing conditions on the site and the general land use in the vicinity of the project at the time of this application: *

Existing land use in the vicinity is rural, with one gas station/marina located at the western end of the existing bridge.

4b. Have Corps permits or DWR certifications been obtained for this project (including all prior phases) in the past? *

☒ Yes ☐ No ☐ Unknown

If yes, please give the DWR Certification number or the Corps Action ID (exp. SAW-0000-00000).

SAW-2021-01091

NC DWR Project No. 20211126

4f. List the total estimated acreage of all existing wetlands on the property:

88.08

4g. List the total estimated linear feet of all existing streams on the property:

(intermittent and perennial)

1,091

4h. Explain the purpose of the proposed project: *

Replace the existing bridge over Alligator River. Test piles are required to facilitate design of the new bridge's foundations. Additionally temporary moorings are required for construction barges during the test pile program, construction of new bridge and demolition of existing structure.

4i. Describe the overall project in detail, including indirect impacts and the type of equipment to be used: *

Installation of exploratory test piles at multiple proposed in-water bent locations to collect pile driving/noise level data and to validate proposed installation options. Also the use of mooring piles for securing barges in place for test pile study and bridge construction. Equipment to be used includes barges, drill rigs and drill casings.

5. Jurisdictional Determinations

5a. Have the wetlands or streams been delineated on the property or proposed impact areas? *

☒ Yes ☐ No ☐ Unknown

Comments:

5b. If the Corps made a jurisdictional determination, what type of determination was made? *

☒ Preliminary ☐ Approved ☐ Not Verified ☐ Unknown ☐ N/A

Corps AID Number:

Example: SAW-2017-99999

SAW-2021-01091

5c. If 5a is yes, who delineated the jurisdictional areas?

Name (if known): Rob Crowther
Agency/Consultant Company: Carolina Ecosystems
Other:

5d. List the dates of the Corp jurisdiction determination or State determination if a determination was made by the Corps or DWR.

6. Future Project Plans

6a. Is this a phased project? *

☐ Yes ☒ No

Are any other NWP(s), regional general permit(s), or individual permits(s) used, or intended to be used, to authorize any part of the proposed project or related activity? This includes other separate and distant crossing for linear projects that require Department of the Army authorization but don't require pre-construction notification.

D. Proposed Impacts Inventory

1. Impacts Summary

1a. Where are the impacts associated with your project? (check all that apply):

☐ Wetlands ☐ Streams-tributaries ☐ Buffers
☒ Open Waters ☐ Pond Construction

4. Open Water Impacts

If there are proposed impacts to lakes, ponds, estuaries, tributaries, sounds, the Atlantic Ocean, or any other open water of the U.S. then individually list all open water impacts below.

4a. Site # * (?)	4a1. Impact Reason	4b. Impact type * (?)	4c. Name of waterbody (?)	4d. Activity type *	4e. Waterbody type *	4f. Impact area *
1	Test piles	T	Alligator River	Other	Tributary	0.01 (acres)

4g. Total temporary open water Impacts:

0.01

4g. Total permanent open water impacts:

0.00

4g. Total open water impacts:

0.01

4h. Comments:

Nineteen temporary, 30-inch steel pipe piles will be driven in an area approximately 1,080 linear feet for the mooring of barges and equipment during the test pile program, construction of new bridge and removal of existing structure.

E. Impact Justification and Mitigation



1. Avoidance and Minimization

1a. Specifically describe measures taken to avoid or minimize the proposed impacts in designing the project: *

Test piles will be driven within the alignment of the proposed bridge. The number of test piles are limited to 15 along the alignment. Mooring piles are limited to the minimum number needed to safely and efficiently store barges and equipment within a reasonable distance from the project.

1b. Specifically describe measures taken to avoid or minimize the proposed impacts through construction techniques: *

All impacts are considered temporary. Test piles will be cut below the mudline after use. Mooring piles will be removed after use.

2. Compensatory Mitigation for Impacts to Waters of the U.S. or Waters of the State

2a. Does the project require Compensatory Mitigation for impacts to Waters of the U.S. or Waters of the State?

☐ Yes ☒ No

2b. If this project DOES NOT require Compensatory Mitigation, explain why:

All impacts are temporary and not considered a "loss of waters of the U.S."

NC Stream Temperature Classification Maps can be found under the Mitigation Concepts tab on the Wilmington District's [RIBITS](#) website.

F. Stormwater Management and Diffuse Flow Plan (required by DWR)



*** Recent changes to the stormwater rules have required updates to this section .***

1. Diffuse Flow Plan

1a. Does the project include or is it adjacent to protected riparian buffers identified within one of the NC Riparian Buffer Protection Rules?

☐ Yes ☒ No

For a list of options to meet the diffuse flow requirements, click [here](#).

If no, explain why:

This project lies within the Pasquotank River basin and does not have protected riparian buffers.

2. Stormwater Management Plan

2a. Is this a NCDOT project subject to compliance with NCDOT's Individual NPDES permit NCS000250? *

☐ Yes ☒ No

2b. Does this project meet the requirements for low density projects as defined in 15A NCAC 02H .1003(2)? *

☐ Yes ☒ No

To look up low density requirement click here [15A NCAC 02H .1003\(2\)](#).

2c. Does this project have a stormwater management plan (SMP) reviewed and approved under a state stormwater program or state-approved local government stormwater program? *

☐ Yes ☐ No
☒ N/A - project disturbs < 1 acre

Hint: projects that have vested rights, exemptions, or grandfathering from state or locally implemented stormwater programs or projects that satisfy state or locally-implemented stormwater programs through use of community in-lieu programs should answer no to this question.

Comments:

G. Supplementary Information



1. Environmental Documentation

1a. Does the project involve an expenditure of public (federal/state/local) funds or the use of public (federal/state) land? *

☒ Yes ☐ No

1b. If you answered "yes" to the above, does the project require preparation of an environmental document pursuant to the requirements of the National or State (North Carolina) Environmental Policy Act (NEPA/SEPA)? *

☒ Yes ☐ No

1c. If you answered "yes" to the above, has the document review been finalized by the State Clearing House? (If so, attach a copy of the NEPA or SEPA final approval letter.) *

☒ Yes ☐ No

2. Violations (DWR Requirement)

2a. Is the site in violation of DWR Water Quality Certification Rules (15A NCAC 2H .0500), Isolated Wetland Rules (15A NCAC 2H .1300), or DWR Surface Water or Wetland Standards or Riparian Buffer Rules (15A NCAC 2B .0200)? *

☐ Yes ☒ No

3. Cumulative Impacts (DWR Requirement)

3a. Will this project (based on past and reasonably anticipated future impacts) result in additional development, which could impact nearby downstream water quality? *

☐ Yes ☒ No

3b. If you answered "no," provide a short narrative description.

The requested work is to assist in the replacement of an existing structure and will not anticipated to stimulate further development.

4. Sewage Disposal (DWR Requirement)

4a. Is sewage disposal required by DWR for this project? *

☐ Yes ☐ No ☒ N/A

5. Endangered Species and Designated Critical Habitat (Corps Requirement)

5a. Will this project occur in or near an area with federally protected species or habitat? *

☒ Yes ☐ No

5b. Have you checked with the USFWS concerning Endangered Species Act impacts? *

☒ Yes ☐ No

5c. If yes, indicate the USFWS Field Office you have contacted.

Raleigh

5d. Is another Federal agency involved? *

☒ Yes ☐ No ☐ Unknown

What Federal Agency is involved?

NMFS

5e. Is this a DOT project located within Division's 1-8? *

☒ Yes ☐ No

5j. What data sources did you use to determine whether your site would impact Endangered Species or Designated Critical Habitat? *

NC Natural Heritage databases and field surveys

6. Essential Fish Habitat (Corps Requirement)

6a. Will this project occur in or near an area designated as an Essential Fish Habitat? *

☒ Yes ☐ No

Are there submerged aquatic vegetation (SAV) around the project vicinity? *

☐ Yes ☒ No ☐ Unknown

6b. What data sources did you use to determine whether your site would impact an Essential Fish Habitat? *

NOAA Essential fish habitat mapping tool.

7. Historic or Prehistoric Cultural Resources (Corps Requirement)

Link to the State Historic Preservation Office Historic Properties Map (does not include archaeological data: <http://gis.ncdcr.gov/hpweb/>)

7a. Will this project occur in or near an area that the state, federal or tribal governments have designated as having historic or cultural preservation status (e.g., National Historic Trust designation or properties significant in North Carolina history and archaeology)? *

☒ Yes ☐ No

7b. What data sources did you use to determine whether your site would impact historic or archeological resources? *

Coordination with SHPO

8. Flood Zone Designation (Corps Requirement)

Link to the FEMA Floodplain Maps: <https://msc.fema.gov/portal/search>

8a. Will this project occur in a FEMA-designated 100-year floodplain? *

☒ Yes ☐ No

8b. If yes, explain how project meets FEMA requirements:

The proposed activity is for temporary impacts.

8c. What source(s) did you use to make the floodplain determination? *

FRIS

Miscellaneous



Comments

Please use the space below to attach all required documentation or any additional information you feel is helpful for application review. Documents should be combined into one file when possible, with a Cover Letter, Table of Contents, and a Cover Sheet for each Section preferred.

[Click the upload button or drag and drop files here to attach document](#)

HB-0001 Test_MooringInformation.pdf

8.71MB

File must be PDF or KMZ

Signature



*

☒ By checking the box and signing below, I certify that:

- The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief; and
- The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.
- I have given true, accurate, and complete information on this form;
- I agree that submission of this PCN form is a "transaction" subject to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act");
- I agree to conduct this transaction by electronic means pursuant to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act");
- I understand that an electronic signature has the same legal effect and can be enforced in the same way as a written signature; AND
- I intend to electronically sign and submit the PCN form.

Full Name: *

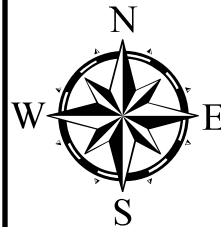
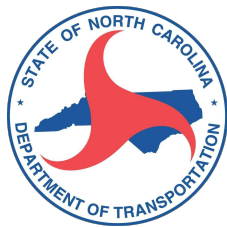
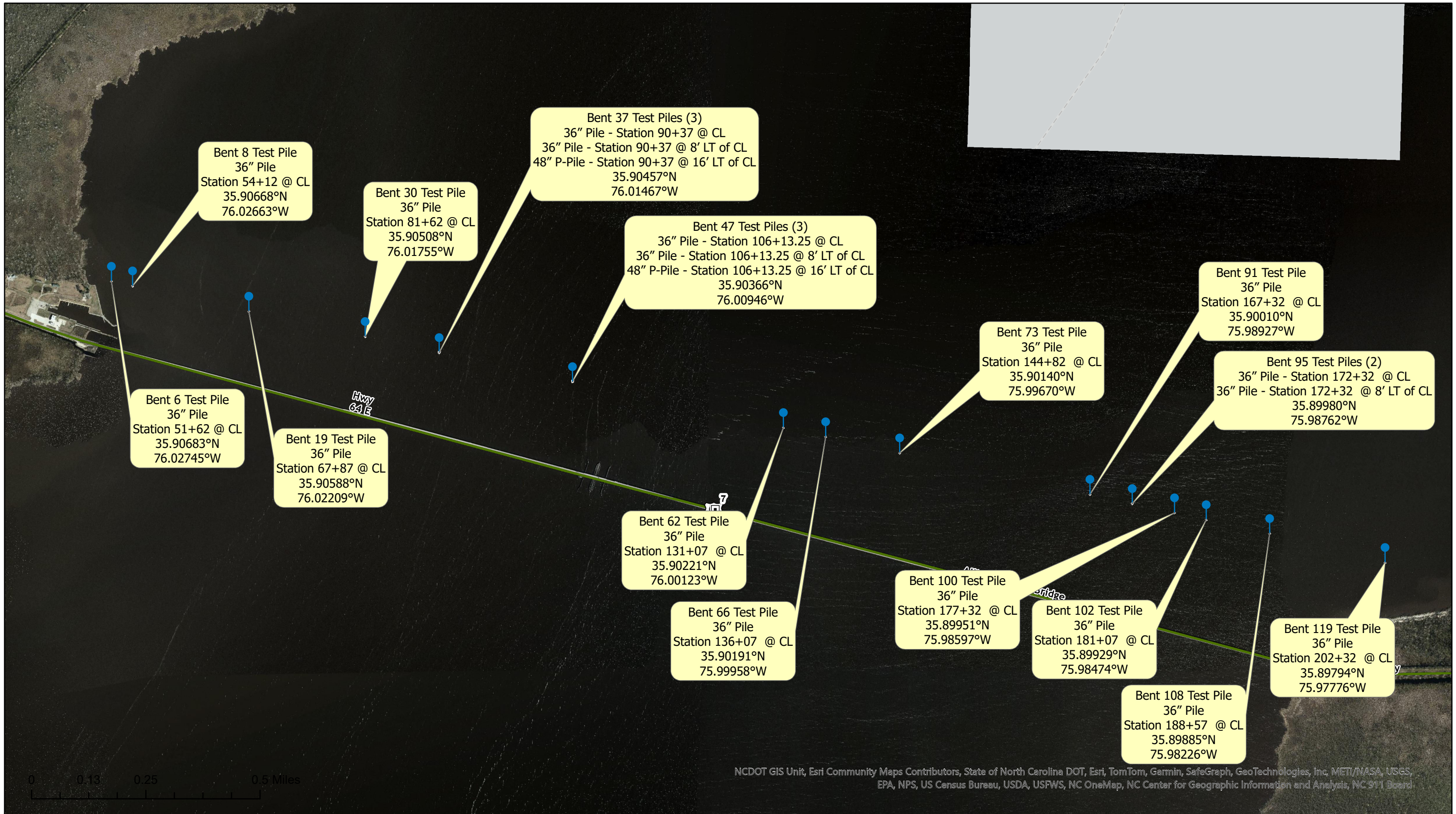
Jason Lee Dilday

Signature *

Jason Lee Dilday

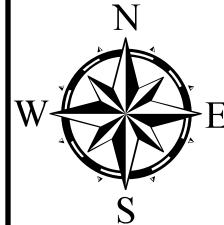
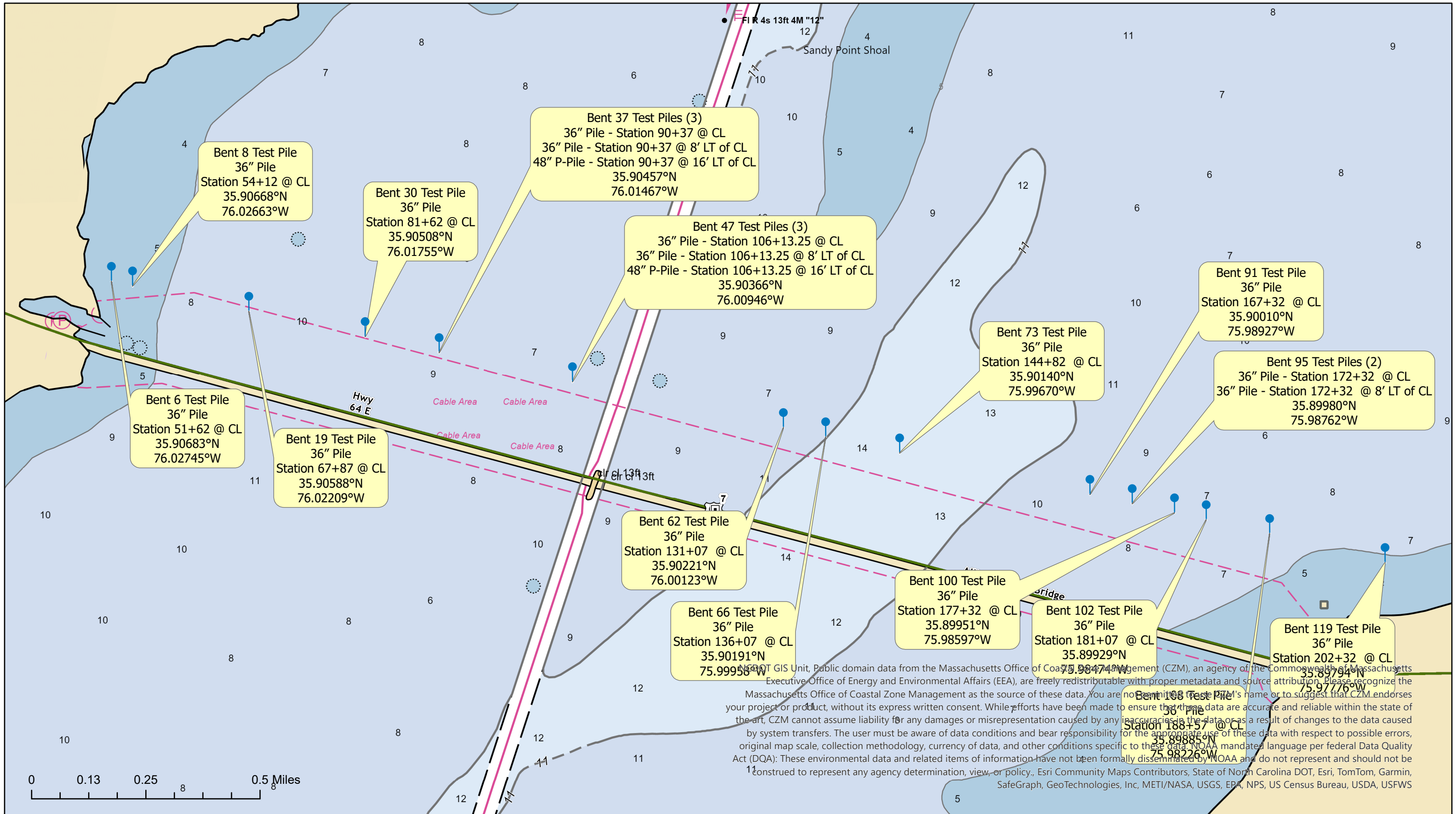
Date

1/8/2024



HB-0001 Alligator River Bridge Project Proposed Test Pile Locations Aerial Map

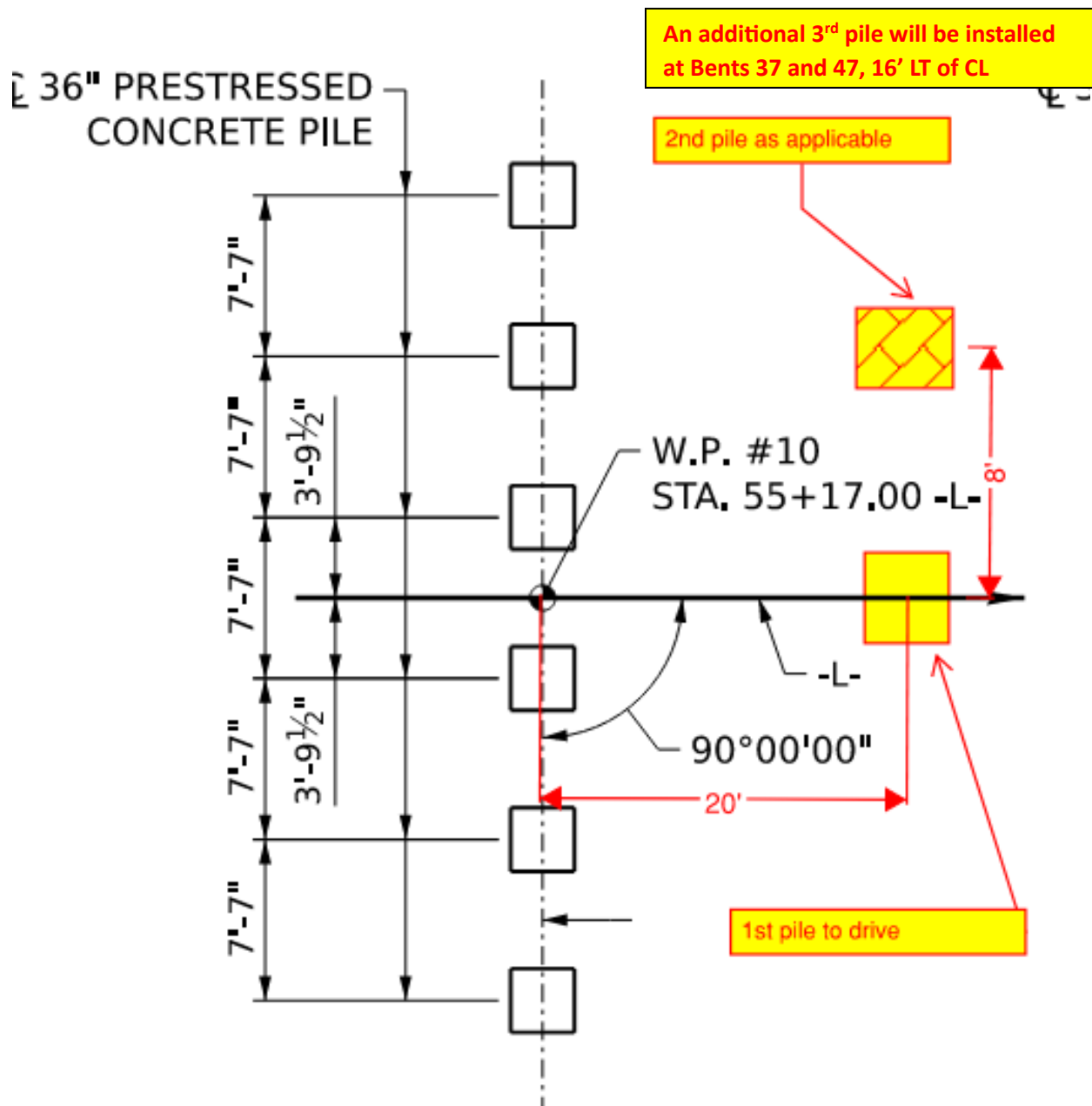
Date: 1/5/2024
Imagery: NCOneMap Orthoimagery Latest
Drawn By: Paul Williams
Scale: 1:15,000

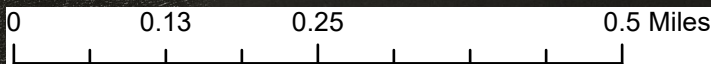
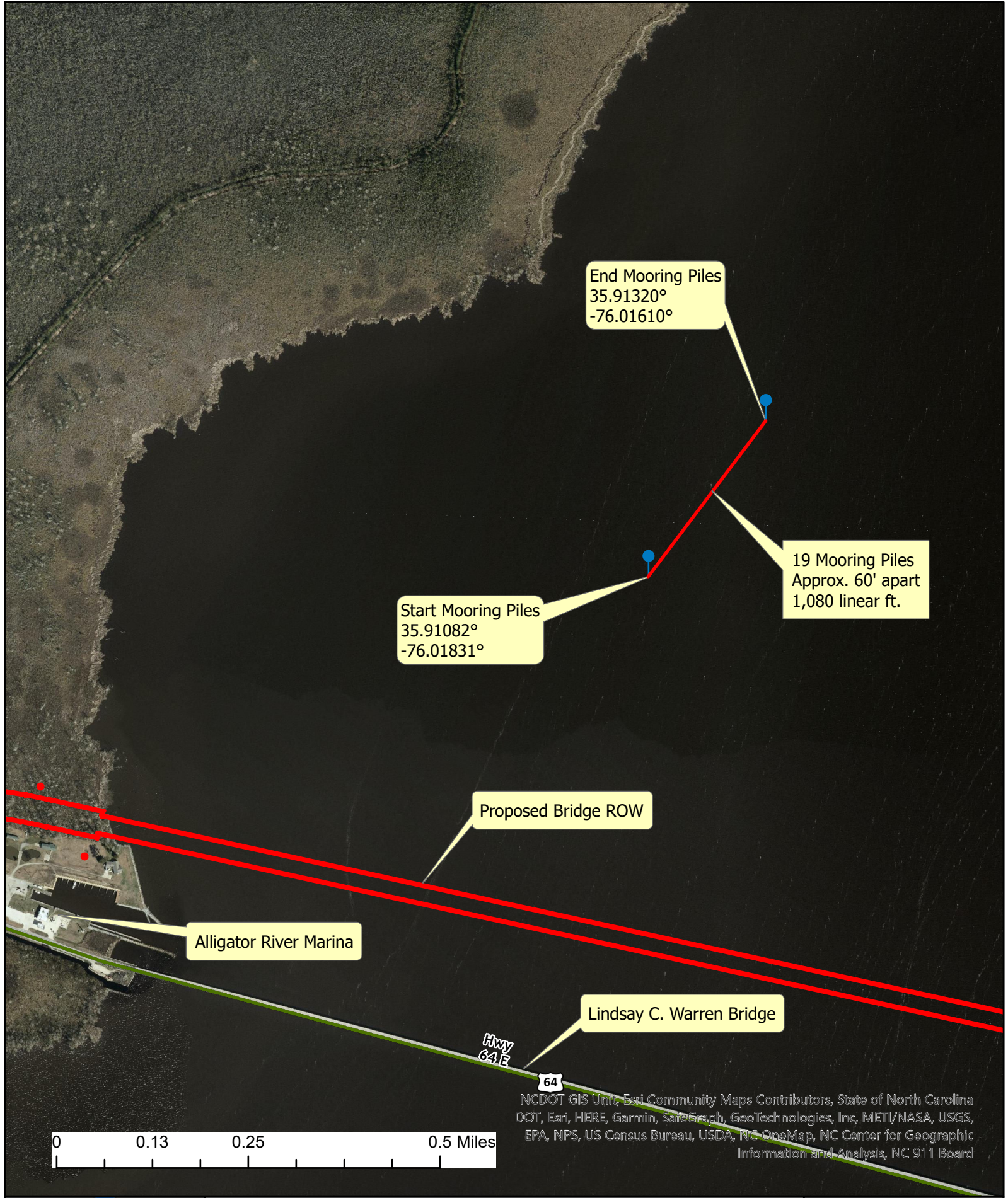


HB-0001 Alligator River Bridge Project Proposed Test Pile Locations Nautical Map

Date: 1/5/2024
Imagery: NOAA Nautical Chart
Drawn By: Paul Williams
Scale: 1:15,000

Test Pile Detail



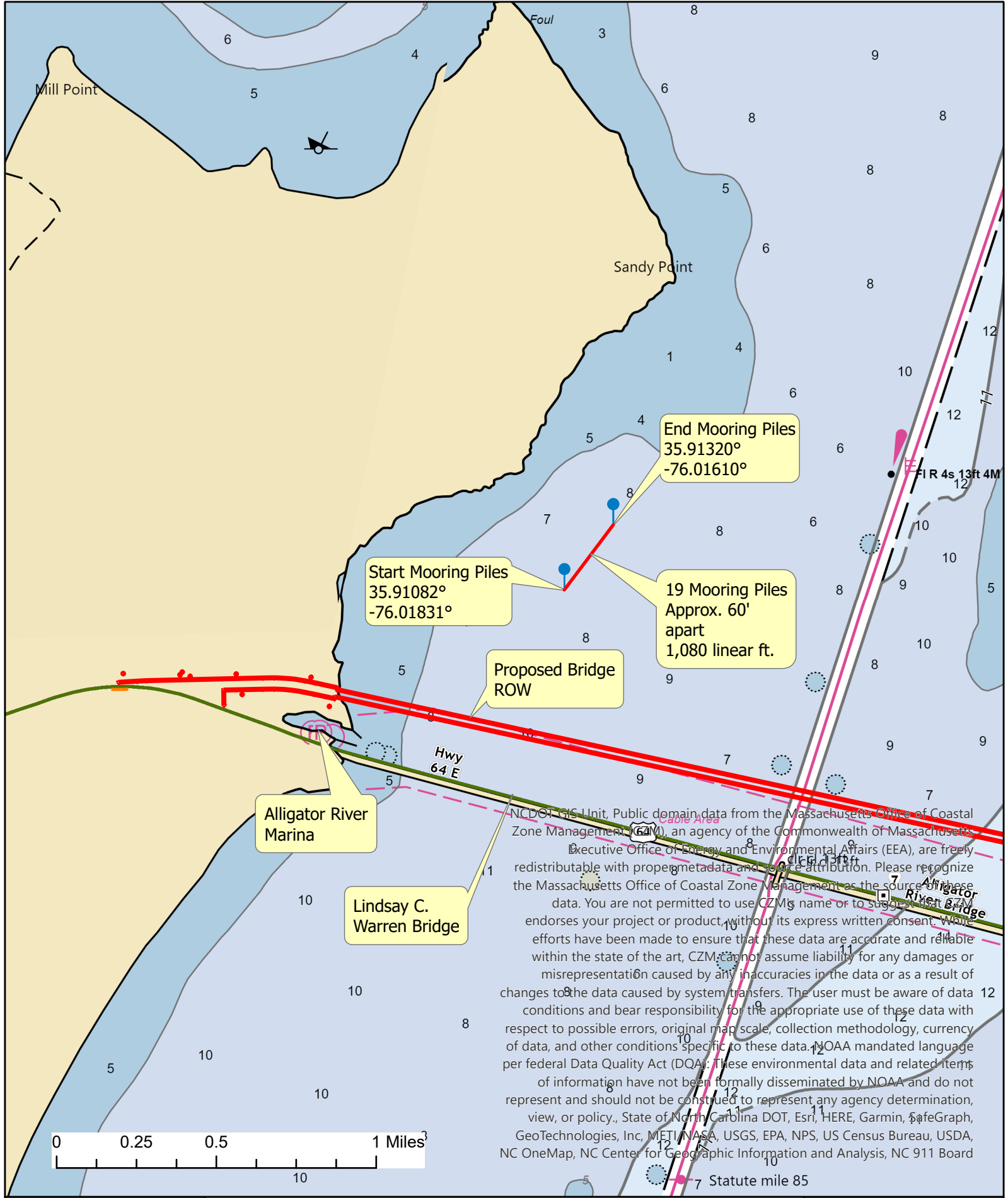


NCDOT GIS Unit, Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NC OneMap, NC Center for Geographic Information and Analysis, NC 911 Board



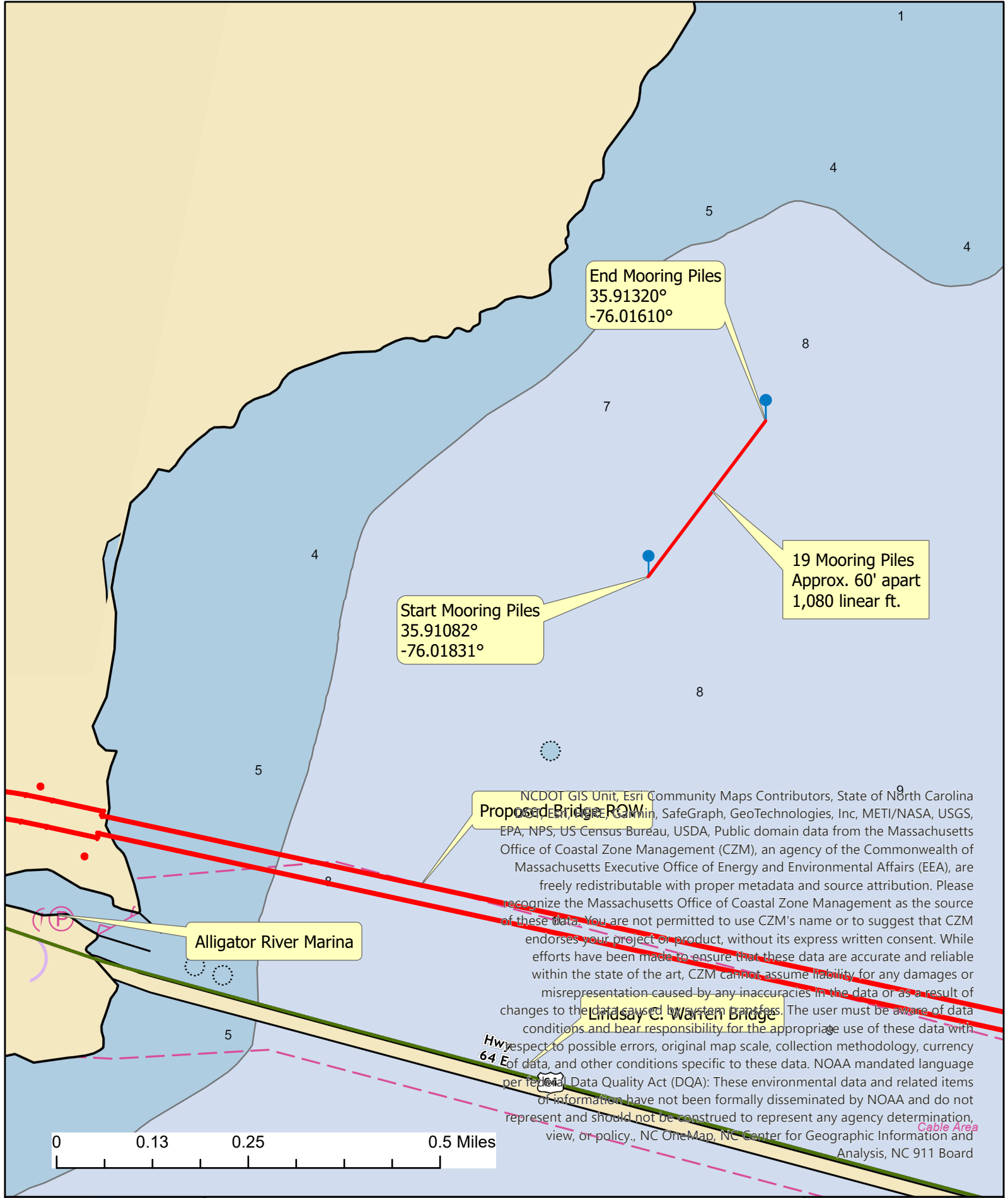
HB-0001 Alligator River Bridge Project Proposed Mooring Pile Locations Aerial Map

Date: 12/28/2023
Imagery: NCOneMap
Orthoimagery Latest
Drawn By: Paul Williams
Scale: 1:10,000



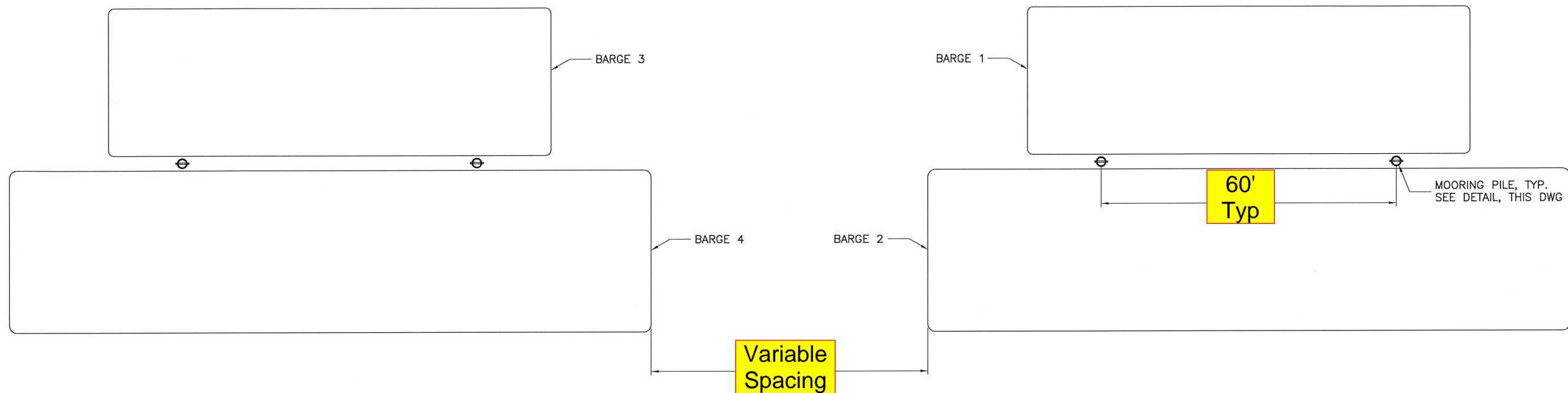
HB-0001 Alligator River Bridge Project Proposed Mooring Pile Locations Nautical Map

Date: 12/28/2023
Imagery: NOAA
Nautical Chart
Drawn By: Paul Williams
Scale: 1:24,000



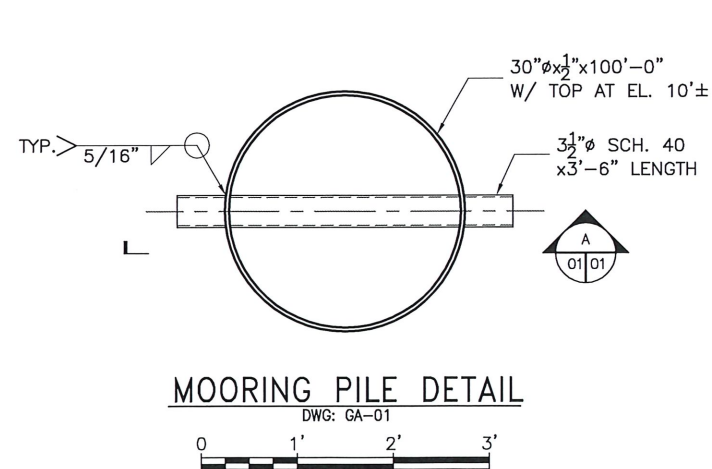
HB-0001 Alligator River Bridge Project Proposed Mooring Pile Locations Nautical Map

Date: 12/28/2023
Imagery: NOAA
Nautical Chart
Drawn By: Paul Williams
Scale: 1:10,000

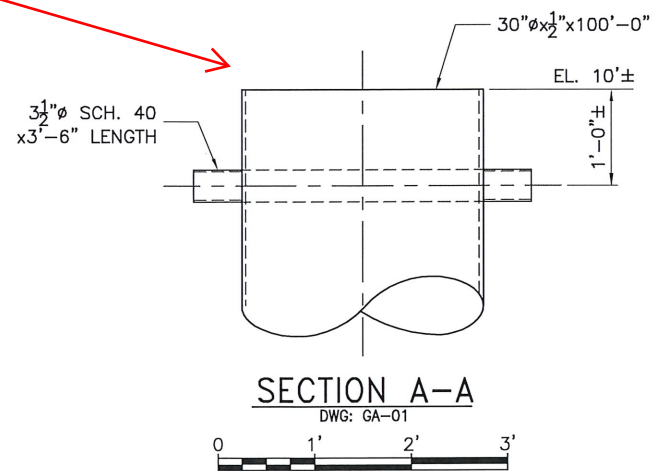


TEMPORARY MOORING - PLAN
N.T.S.

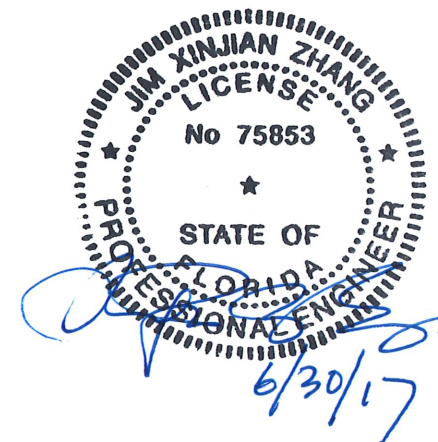
Top of Pile is 5' to 6' above water



MOORING PILE DETAIL
DWG: GA-01



SECTION A-A
DWG: GA-01



NOTES:

- 1.) THE MOORING IS DESIGNED FOR MAX 8 TONS HORIZONTAL PULL AT TOP ON EACH PILE.

SPECIFICATIONS:

- MOORING PILE: GRADE 42 KSI MIN.
- WELDING ELECTRODES: E70XX PER AWS D1.1

APPROVED FOR CONSTRUCTION
BY SKANSKA SE ENGINEERING DEPT

REV.	DATE	DESIGN	DRAWN	REMARKS
0	06/30/17	JXZ	DER	FOR CONSTRUCTION
A	09/12/16	JXZ	DER	FOR REVIEW
FLORIDA DEPARTMENT OF TRANSPORTATION ESCAMBIA COUNTY, FLORIDA				
SR 30 (US 98) PENSACOLA BAY BRIDGE REPLACEMENT PROJECT #40933415201 & 40933415202 GENERAL ARRANGEMENT TEMPORARY MOORING PLAN				
Skanska USA Civil Southeast Engineering Department 295 Bendix Rd. - Virginia Beach, VA 23452 Phone: 757-420-4140				
SCALE	JOB	DRAWING NUMBER	Approved	
AS NOTED	04-2299	GA-01	JBH	