



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

April 25, 2025

Memo To: John Abel, Division Team Lead

From: Paul Williams, Division Environmental Officer

Subject: Permits for HF-0008 NC 615 Marsh Causeway Stabilization Project

Attached to this memo are the USFWS Special Use Permit, CAMA Major Permit Modification, Regional General Permit 291, & 401 Individual WQ Certification for the HF 0008 NC 615 Marsh Causeway Stabilization Project in Currituck County. The attached permits have conditions that must be adhered to during the construction process. Before construction begins, a preconstruction meeting needs to be scheduled with at least 2 weeks prior notice for the resource agencies to review the permit conditions. The project will be constructed as shown on the permit drawings. If the project limits or design change, the environmental officer needs to be notified to determine if permit modifications will be required. A copy of these permits and the attached conditions need to be on the project site during construction of this project. When the project is complete, a notification to the environmental officer is requested for the purpose of a final compliance inspection.

Cc: Brooks Braswell
Ryan Shook
Win Bridgers
Ronnie Sawyer
Randy Midgett
David Otts
Marshall Gill
Jack Liverman
Andy Blankenship
Justin Davis
Brandon Tatum
Caleb Sawyer
Caitlin Spear
Chris Slachta
Mark Winslow

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION ONE
113 AIRPORT DRIVE, SUITE 100
EDENTON, NC 27932

Telephone: (252) 482-1850
Fax: (252) 482-8722
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
113 AIRPORT DRIVE, SUITE 100
EDENTON, NC 27932



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HF-0008 NC 615 Marsh Causeway Stabilization

Date: 1/29/2025
Author: Paul Williams
Scale: 1:30,000

H. Project Commitments (attach as Green Sheet to CE Form):

NCDOT PROJECT COMMITMENTS

STIP Project No. **HF-0008**
NC 615 Stabilization on Marsh Causeway to Knotts Island
Currituck County
Federal Aid Project No. 5080401
WBS Element 50804.1.1

Division 1 Environmental Staff

As previously required through CAMA permit conditions, NCDOT will coordinate with the NC Wildlife Resources Commission and the NC Division of Marine Fisheries to evaluate the site for SAV impacts prior to the start of the project.



General Activities Special Use Permit

Station #: FF04RNMC

(For Official Use Only)

Permit #: 25002G

Permit Term: From 2/1/25 To 12/31/25

1) Permittee Name/Business: Paul Williams NCDOT

2) Permit Status: a) Approved: ☒ If approved, provide special conditions (if any) in the text box below.b) Denied: ☐ If denied, provide justification in the text box below.

[Type in additional Special Conditions or Justification for Denied Permit in the space provided]

*** SEE ATTACHED SPECIAL CONDITIONS ***

3) Are there additional special conditions attached to the permit? Yes ☒ No ☐4) Are other licenses/permits required, and have they been verified? Yes ☒ No ☐ N/A ☐5) Are Insurance and/or Certification(s) required, and have they been verified? Yes ☐ No ☐ N/A ☒6) Record of Payments: Full ☐ Partial ☐ Exempt ☒Amount of full payment: Record of partial payments: 7) Is a surety bond or security deposit required? Yes ☐ No ☐ N/A ☒

This permit is issued by the U.S. Fish and Wildlife Service and accepted by the applicant signed below, subject to the terms, covenants, obligations, and reservations, expressed or implied herein, and to the notice, conditions, and requirements included or attached. A copy of this permit should be kept on-hand so that it may be shown at any time to any refuge staff.

8) Permit approved/issued by: (Signature and title)

MICHAEL HOFF Digitally signed by MICHAEL HOFF
Date: 2025.01.21 10:41:32 -05'00'

Date: 1/21/25

9) Permit accepted by: (Signature of permittee)

DocuSigned by:
Paul Williams
7C79B0D2941F47E...

Date: 01/21/2025

General Conditions and Requirements

- 1) **Responsibility of Permittee:** The permittee, by operating on the premises, shall be considered to have accepted these premises with all facilities, fixtures, or improvements in their existing condition as of the date of this permit. At the end of the period specified or upon earlier termination, the permittee shall give up the premises in as good order and condition as when received except for reasonable wear, tear, or damage occurring without fault or negligence. The permittee will fully repay the Service for any and all damage directly or indirectly resulting from negligence or failure on his/her part, and/or the part of anyone of his/her associates, to use reasonable care.
- 2) **Operating Rules and Laws:** The permittee shall keep the premises in a neat and orderly condition at all times, and shall comply with all municipal county, and State laws applicable to the operations under the permit as well as all Federal laws, rules, and regulations governing national wildlife refuges and the area described in this permit. The permittee shall comply with all instructions applicable to this permit issued by the refuge official in charge. The permittee shall take all reasonable precautions to prevent the escape of fires and to suppress fires and shall render all reasonable assistance in the suppression of refuge fires.
- 3) **Use Limitations:** The permittee's use of the described premises is limited to the purposes herein specified and does not, unless provided for in this permit, allow him/her to restrict other authorized entry onto his/her area; and allows the U.S. Fish and Wildlife Service to carry on whatever activities are necessary for: (1) protection and maintenance of the premises and adjacent lands administered by the U.S. Fish and Wildlife Service; and (2) the management of wildlife and fish using the premises and other U.S. Fish and Wildlife Service lands.
- 4) **Transfer of Privileges:** This permit is not transferable, and no privileges herein mentioned may be sublet or made available to any person or interest not mentioned in this permit. No interest hereunder may accrue through lien or be transferred to a third party without the approval of the Regional Director of the U.S. Fish and Wildlife Service and the permit shall not be used for speculative purposes.
- 5) **Compliance:** The U.S. Fish and Wildlife Service's failure to require strict compliance with any of this permit's terms, conditions, and requirements shall not constitute a waiver or be considered as a giving up of the U.S. Fish and Wildlife Service's right to thereafter enforce any of the permit's terms or conditions.
- 6) **Conditions of Permit not Fulfilled:** If the permittee fails to fulfill any of the conditions and requirements set forth herein, the U.S. Fish and Wildlife Service shall retain all money paid under this permit to be used to satisfy as much of the permittee's obligation as possible.
- 7) **Payments:** All payment shall be made on or before the due date to the local representative of the U.S. Fish and Wildlife Service by a postal money order or check made payable to the U.S. Fish and Wildlife Service.
- 8) **Termination Policy:** At the termination of this permit the permittee shall immediately give up possession to the U.S. Fish and Wildlife Service representative, reserving, however, the rights specified in paragraph 11 below. If he/she fails to do so, he/she will pay the U.S. Fish and Wildlife Service, as liquidated damages, an amount double the rate specified in this permit for the entire time possession is withheld. Upon yielding possession, the permittee will still be allowed to reenter as needed to remove his/her property as stated in paragraph 11 below. The acceptance of any fee for the liquidated damages or any other act of administration relating to the continued tenancy is not to be considered as an affirmation of the permittee's action nor shall it operate as a waiver of the U.S. Fish and Wildlife Service's right to terminate or cancel the permit for the breach of any specified condition or requirement.
- 9) **Revocation Policy:** The Regional Director of the U.S. Fish and Wildlife Service may revoke this permit without notice for noncompliance with the terms hereof, or for violation of general and/or specific laws or regulations governing national wildlife refuges, or for nonuse. It is at all times subject to discretionary revocation by the Director of the Service. Upon such revocation the U.S. Fish and Wildlife Service, by and through any authorized representative, may take possession of said premises for its own and sole use, and/or may enter and possess the premises as the agent of the permittee and for his/her account.
- 10) **Damages:** The U.S. Fish and Wildlife Service shall not be responsible for: any loss or damage to property including but not limited to crops, animals, and machinery; injury to the permittee or his/her relatives or to the officers, agents, employees, or any other(s) who are on the premises from instructions; the sufferance from wildlife or employees or representatives of the U.S. Fish and Wildlife Service carrying out their official responsibilities. The permittee agrees to hold the U.S. Fish and Wildlife Service harmless from any and all claims for damages or losses that may arise to be incident to the flooding of the premises resulting from any associated government river and harbor, flood control, reclamation, or Tennessee Valley Authority activity.
- 11) **Removal of Permittee's Property:** Upon the expiration or termination of this permit, if all rental charges and/or damage claims due to the U.S. Fish and Wildlife Service have been paid, the permittee may, within a reasonable period as stated in the permit or as determined by the U.S. Fish and Wildlife Service official in charge, but not to exceed 60 days, remove all structures, machinery, and/or equipment, etc., from the premises for which he/she is responsible. Within this period the permittee also must remove any other of his/her property including his/her acknowledged share of products or crops grown, cut, harvested, stored, or stacked on the premises. Upon failure to remove any of the above items within the aforesaid period, they shall become the property of the U.S. Fish and Wildlife Service.

Mackay Island National Wildlife Refuge
Currituck National Wildlife Refuge



CONDITIONS FOR SPECIAL USE PERMIT MI25002G & AUTHORIZED ACTIVITIES

1. The Permittee or authorized person, and all officers, agents, employees, representatives, and clients of the Permittee or authorized person, shall comply with all Refuge, Federal, State, and local regulations and conditions that apply to the special use activity. Failure to comply with any applicable regulation or condition, and all Federal laws, rules, and regulations governing National Wildlife Refuges and the area described in the Special Use Permit (Permit) or authorizing documents may result in revocation of the Permit or authorized activity and/or criminal prosecution.
2. While engaged in a special use activity on the Refuge, the Permittee or authorized person, and his/her officers, agents, employees, or representatives, shall be in possession of a **copy** of the Permit or authorizing documents (including all attachments that contain conditions) and shall, upon request by an authorized Refuge official or by any authorized local, state, or federal law enforcement officer, display the **copy** authorizing their presence and activity on the Refuge and shall furnish any other licenses and identification documents as may be requested.
3. Entry on the Refuge during nighttime hours (i.e., ½-hour after sunset to ½-hour before sunrise) is prohibited, **unless authorized in writing by the Refuge Manager.**
4. It is unlawful to disturb, destroy, injure, collect, or take any wildlife, plant, natural object, mineral, cultural or historical feature, or public property on the Refuge. **Collection and removal of ticks from the Refuge is permitted.**
5. Wildlife shall not be harmed or harassed and disturbance shall be kept to a minimum. **Capturing rodents, reptiles, and amphibians is authorized for the purpose of collecting and identifying ticks found on them.**
6. The Refuge Manager should be contacted **immediately** at **(252) 429-3100 x1** upon discovery of any **wildfire**, or any leak, spill, or break in a pipeline, power line, canal, or dike, or any other accident or incident that has the potential to have an adverse impact on the soil, wildlife, or plants in the area. Any unusual wildlife sightings or suspected illegal activities should be reported to the Refuge Manager.
7. Any accident that results in a personal injury **(i.e., an accident that requires professional medical treatment)** shall be reported to the Refuge Manager within 24 hours of the accident.
8. All **locked** Refuge gates shall be closed and locked upon entering and leaving Refuge property. If access is authorized **in writing by the Refuge Manager,** refuge gates should be left the way they are found (i.e., open, closed, either locked or unlocked as the case may be).

9. Vehicle travel shall only be on designated roads or routes of travel, **unless authorized in writing by the Refuge Manager**. Vehicles, boats, trailers, and other equipment shall be parked in such a manner that **roads and trails, including canoe trails and navigable waters, are not to be blocked**. Roads and trails need to be accessible to other Refuge visitors and to Refuge staff, cooperative farmers, fire trucks, emergency vehicles, maintenance equipment, and law enforcement patrols.
10. Vehicles with catalytic converters shall be restricted to paved roads, recently maintained gravel or dirt roads, or bare soil areas because of the high fire potential. Vehicles with catalytic converters shall not be parked over high vegetation or other fire hazardous materials.
11. Refuge gate or building keys **shall not be loaned** to other agencies, companies, or persons. If there is a need for access by other persons, please have them contact the Refuge Manager. All Refuge keys shall be returned to the Refuge Manager, or a designated staff member, within 10 calendar days, after expiration or termination of the Permit or authorized activity.
12. All dogs (or any other pet) must be confined or on a leash while on the Refuge, **unless authorized in writing by the Refuge Manager**. Leashed pets must be under the immediate control of the Permittee or authorized person, or the leash must be secured to a stationary object. The leash shall not be in excess of 10 feet in length.
13. Possession or use of firearms, air guns, bows and arrows, cross bows, spears, or gigs; or illegal knives, weapons, or devices; or explosives of any type is prohibited on the Refuge when engaged in a special use activity, **unless authorized in writing by the Refuge Manager**.
14. Littering is prohibited. **All** materials brought into the Refuge shall be removed and properly disposed. Drink cans, bottles, candy wrappers, toilet paper, and other garbage and refuse shall not be left on the Refuge.
15. The Refuge Manager shall be contacted **before** any surface work is done. This includes mowing, road or trail improvements, digging, clearing or trimming of brush or vegetation, installation of structures, etc.
16. The use of herbicides and pesticides on Refuge property is prohibited, **unless authorized in writing by the Refuge Manager**. Unrestricted, over-the-counter-type, insect repellents may be used on or near the body and clothing to repel biting or stinging insects.
17. No permanent or semi-permanent markings shall be made on any Refuge building, structure, gate, post, sign, fence, tree, vegetation, or soil by either marking, painting, cutting, scratching, blazing, mowing, digging, or other destructive method, **unless authorized in writing by the Refuge Manager**. When needed, only temporary, removable markers (e.g., flagging tape, survey stakes, metal/paper/plastic tags, etc.) shall be used to mark site locations, plots, etc. Safety signs, informational signs, and any other signs required by law or regulation for the special use activity being

conducted, shall be posted as required, **but only with prior authorization by the Refuge Manager**. All markers and signs shall be removed upon conclusion of the special use activity or upon expiration or termination of the Permit.

18. The use or possession of traps, snares, or other passive (i.e., unattended) collection devices, which are used to collect wildlife, is prohibited. **Traps used to capture small mammals are authorized.** Each individual trap, snare, or passive collection device shall have a weather-resistant, permanent tag attached with the Permittee's, authorized person's, and/or organization's name legibly marked on the tag **or** shall have the Permittee's, authorized person's, and/or organization's name legibly marked, imprinted, or engraved on the trap, snare, or device.
19. No permanent or semi-permanent fences, buildings, shelters, docks, piers, or other structures or facilities may be erected, built, or placed on the Refuge, **unless authorized in writing by the Refuge Manager**. No machinery, equipment, supplies, or materials may be placed or stored on the refuge, **unless authorized in writing by the Refuge Manager**.
20. All open fires are prohibited, **unless authorized in writing by the Refuge Manager**. Leaving an **authorized** open fire unattended or not completely extinguished is prohibited. Setting on fire or causing to be set on fire any timber, brush, grass, or other inflammable material, including camp or cooking fires, is prohibited, **unless authorized in writing by the Refuge Manager**. The use of cutting torches, arc welders, or any other open flame/sparking devices (which are required to conduct the special use activity) shall be exercised with caution and **only with prior authorization from the Refuge Manager or Refuge Fire Management Officer**. When use of these devices is necessary, the operator(s) shall have **immediate access to appropriate fire control equipment** (e.g., fire extinguishers, shovels, etc.) and **immediate communication access to local emergency services** (e.g., cellular telephone, two-way radio, etc.). Tobacco smokers shall practice caution when smoking; shall completely extinguish all matches, cigars, cigarettes, and pipes; and shall dispose of same in a proper container (e.g., a vehicle ash tray).
21. Activities will be conducted in a manner that reduces negative impacts to refuge habitats.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
WILMINGTON REGULATORY OFFICE
69 DARLINGTON AVENUE
WILMINGTON NORTH CAROLINA 28403

April 23, 2025

Regulatory Program/Division
SAW-2019-02404

Sent Via Email: paulwilliams2@ncdot.gov

Paul Williams
Division 1 DEO
NCDOT
113 Airport Drive
Edenton, North Carolina 27932

Dear Mr. Williams:

This letter is in response to the application you submitted to the Wilmington District, WRDA / Transportation Branch on March 12, 2025, for a Department of the Army general permit verification. This project has been assigned the file number SAW-2019-02404 and is known as NCDOT NC 615 Shoreline Stabilization. This file number should be referenced in all correspondence concerning this project.

A review of the information provided indicates that the proposed work would include the continuation of shoreline stabilization adjacent to NC 615. The project will stabilize an additional 3,119lf of shoreline by placing rip-rap in 4,941sf of open water, 48sqft of non-coastal wetlands and 0.033ac of coastal marsh. The project area for this determination takes place along a 3.56-mile section of NC 615, (Marsh Causeway) starting approximately 0.17 miles east of Martin Drive, at Latitude 36.541780 and Longitude -75.975900; in Knotts Island, Currituck County, North Carolina.

We have determined that the proposed work is authorized by RGP 291 pursuant to authorities under Section 404 of the Clean Water Act (33 U.S.C § 1344). The proposed work must be accomplished in strict accordance with the enclosed general permit conditions, any regional conditions, the special conditions listed in this letter, and the application materials. If the extent of the project area and/or nature of the authorized impacts to waters are modified, a revised application must be submitted to this office for written approval before work is initiated. Any deviation from the terms and conditions of the permit, or your submitted plans, may subject the permittee to enforcement action.

This verification is valid until December 31, 2026, unless the subject general permit(s) is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the general permit.

Project Specific Special Conditions:

1. In order to compensate for impacts associated with this permit, mitigation shall be provided in accordance with the provisions outlined on the most recent version of the attached Compensatory Mitigation Responsibility transfer form.
2. The NCDOT shall implement the "Guidelines for Avoiding Impacts to the West Indian Manatee: Precautionary Measures for Construction Activities in North Carolina Waters" as identified by the USFW Service.

This general permit verification and any associated authorizations does not preclude the necessity to obtain any other Federal, State, or local permits, licenses, and/or certifications, which may be required.

If you have any questions related to this verification or have issues accessing documents referenced in this letter, please contact Kyle Barnes, WRDA / Transportation Branch Project Manager at 910-251-4584, by mail at the above address, or by email at kyle.w.barnes@usace.army.mil. Please take a moment to complete our customer satisfaction survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Sincerely,

A handwritten signature in black ink that reads "M. Scott Jones". The signature is written in a cursive, flowing style.

M. Scott Jones, PWS
WRDA/ Transportation Branch Chief

U.S. Army Corps of Engineers (USACE) CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.		Form Approved - OMB No. 0710-0003 Expires 2027-10-31														
The Agency Disclosure Notice (ADN)																
<p>The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p>																
<p>PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.</p> <p>Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.</p>																
<p>Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Wilmington District, Regulatory Office.</p> <p>The certification can be submitted by email at <u>kyle.w.barnes</u>@usace.army.mil or by mail at the below address:</p> <div style="text-align: center; margin-top: 20px;"> U.S. Army Corps of Engineers Wilmington District Office Street Address: 2407 West 5th Street City: Washington State: NC Zip Code: 27889 </div>																
COMPLETED BY THE CORPS																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%;">Corps Action Number:</td> <td>SAW-2019-02404</td> </tr> <tr> <td>Permit Type: <u>General Permit</u></td> <td></td> </tr> <tr> <td>General Permit Number and Name (if applicable):</td> <td></td> </tr> <tr> <td>Name of Permittee:</td> <td>Paul Williams</td> </tr> <tr> <td>Project Name:</td> <td>NCDOT NC 615 Shoreline Stabilization</td> </tr> <tr> <td>Project Location (physical address):</td> <td>36.541782/-75.975899</td> </tr> <tr> <td></td> <td>Knotts Island, North Carolina</td> </tr> </table>			Corps Action Number:	SAW-2019-02404	Permit Type: <u>General Permit</u>		General Permit Number and Name (if applicable):		Name of Permittee:	Paul Williams	Project Name:	NCDOT NC 615 Shoreline Stabilization	Project Location (physical address):	36.541782/-75.975899		Knotts Island, North Carolina
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PERMITTEE'S CERTIFICATION																
<p>Date Work Started: _____</p> <p>Date Work Completed: _____</p> <p>Enclose photographs showing the completed project (if available).</p> <p>I _____ hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.</p>																
Name	Date	Signature														

US Army Corps of Engineers – Wilmington District
Compensatory Mitigation Responsibility Transfer Form

Permittee: Paul Williams
Project Name: NCDOT NC 615 Shoreline Stabilization

Action ID: SAW-2019-02404
County: Currituck

Instructions to Permittee: The Permittee must provide a copy of this form to the Mitigation Sponsor, either an approved Mitigation Bank or the North Carolina Division of Mitigation Services (NCDMS), who will then sign the form to verify the transfer of the mitigation responsibility. Once the Sponsor has signed this form, it is the Permittee's responsibility to ensure that Wilmington District Project Manager identified on page two is in receipt of a signed copy of this form before conducting authorized impacts, unless otherwise specified below. If more than one Mitigation Sponsor will be used to provide the mitigation associated with the permit, or if the impacts and/or the mitigation will occur in more than one 8-digit Hydrologic Unit Code (HUC), multiple forms will be attached to the permit, and the separate forms for each Sponsor and/or HUC must be provided to the appropriate Mitigation Sponsors.

Instructions to Sponsor: The Sponsor verifies that the mitigation requirements (credits) shown below have been released and are available at the identified site. By signing below, the Sponsor is accepting full responsibility for the identified mitigation, regardless of whether they have received payment from the Permittee. Once the form is signed, the Sponsor must update the bank ledger and provide a copy of the signed form and the updated ledger to the Permittee, the Project Manager who issued the permit, the Bank Project Manager, and the District Mitigation Office (see contact information on page 2). The Sponsor must also comply with all reporting requirements established in their authorizing instrument.

Permitted Impacts and Compensatory Mitigation Requirements

Permitted Impacts Requiring Mitigation*: 8-digit HUC and Basin: 03010205, Chowan River Basin

Stream Impacts (linear feet)			Wetland Impacts (acres)			
Warm	Cool	Cold	Riparian Riverine	Riparian Non-Riverine	Non-Riparian	Coastal
						0.033

*If more than one mitigation sponsor will be used for the permit, only include impacts to be mitigated by this sponsor.

Compensatory Mitigation Requirements: 8-digit HUC and Basin: 03010205, Chowan River Basin

Stream Mitigation (credits)			Wetland Mitigation (credits)			
Warm	Cool	Cold	Riparian Riverine	Riparian Non-Riverine	Non-Riparian	Coastal
						0.033

Mitigation Site Debited: _____
(List the name of the bank to be debited. For umbrella banks, also list the specific site. For NCDMS, list NCDMS. If the NCDMS acceptance letter identifies a specific site, also list the specific site to be debited).

Section to be completed by the Mitigation Sponsor

Statement of Mitigation Liability Acceptance: I, the undersigned, verify that I am authorized to approve mitigation transactions for the Mitigation Sponsor shown below, and I certify that the Sponsor agrees to accept full responsibility for providing the mitigation identified in this document (see the table above), associated with the USACE Permittee and Action ID number shown. I also verify that released credits (and/or advance credits for NCDMS), as approved by the Wilmington District, are currently available at the mitigation site identified above. Further, I understand that if the Sponsor fails to provide the required compensatory mitigation, the USACE Wilmington District Engineer may pursue measures against the Sponsor to ensure compliance associated with the mitigation requirements.

Mitigation Sponsor Name: _____

Name of Sponsor's Authorized Representative: _____

Signature of Sponsor's Authorized Representative

Date of Signature

USACE Wilmington District – MRTF Page 2

Conditions for Transfer of Compensatory Mitigation Credit:

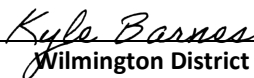
- Once this document has been signed by the Mitigation Sponsor and the District is in receipt of the signed form, the Permittee is no longer responsible for providing the mitigation identified in this form, though the Permittee remains responsible for any other mitigation requirements stated in the permit conditions.
- Construction within jurisdictional areas authorized by the permit identified on page one of this form can begin only after the District is in receipt of a copy of this document signed by the Sponsor, confirming that the Sponsor has accepted responsibility for providing the mitigation requirements listed herein. When NCDMS provides mitigation for authorized impacts conducted by the North Carolina Department of Transportation (NCDOT), construction within jurisdictional areas may proceed upon permit issuance; however, a copy of this form signed by NCDMS must be provided to the District within 30 days of permit issuance. NCDOT remains fully responsible for the mitigation until the District has received this form, confirming that the Sponsor has accepted responsibility for providing the mitigation requirements listed herein.
- Signed copies of this document must be retained by the Permittee, Mitigation Sponsor, and in the USACE administrative records for both the permit and the Bank/ILF Instrument. It is the Permittee's responsibility to ensure that the District Project Manager (address below) is provided with a signed copy of this form.
- If changes are proposed to the type, amount, or location of mitigation after this form has been signed and returned to the District, the Sponsor must obtain case-by-case approval from the District Project Manager and/or North Carolina Interagency Review Team (NCIRT). If approved, higher mitigation ratios may be applied, as per current District guidance and a new version of this form must be completed and included in the District administrative records for both the permit and the Bank/ILF Instrument.

Comments/Additional Conditions:

This form is not valid unless signed below by the District Project Manager and by the Mitigation Sponsor on Page 1. ***Once signed, the Sponsor should provide copies of this form along with an updated bank ledger to: 1) the Permittee, 2) the District Project Manager at the address below, 3) the Bank Manager listed in RIBITS, and 4) the Wilmington District Mitigation Office, 3331 Heritage Trade Drive, Suite 105, Wake Forest, NC 27587 (or by email to SAWMIT@usace.army.mil).***

Questions regarding this form or any of the permit conditions may be directed to the District Mitigation Office.

USACE Project Manager: Kyle Barnes
USACE Field Office: WRDA
US Army Corps of Engineers
2407 West 5th Street
Washington
Email: kyle.w.barnes@usace.army.mil



Wilmington District Project Manager Signature

April 21, 2025

Date of Signature

Current Wilmington District mitigation guidance, including information on mitigation ratios, functional assessments, and mitigation bank location and availability, and credit classifications (including stream temperature and wetland groupings) is available at <http://ribits.usace.army.mil>.

DEPARTMENT OF THE ARMY
Wilmington District, Corps of Engineers
69 Darlington Avenue
Wilmington, North Carolina 28403-1343
<http://www.saw.usace.army.mil/Missions/RegulatoryPermitProgram.aspx>

General Permit No. 198000291
Name of Permittee: General Public
Effective Date: January 01, 2022
Expiration Date: December 31, 2026

**DEPARTMENT OF THE ARMY
REGIONAL GENERAL PERMIT (RGP)**

A RGP to do work in or affecting navigable waters of the U.S. and waters of the U.S., upon recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (U.S.C. 403), and Section 404 of the Clean Water Act (33 U.S.C. 1344), is hereby issued by authority of the Secretary of the Army by

District Engineer
U.S. Army Engineer District, Wilmington
Corps of Engineers
69 Darlington Avenue
Wilmington, North Carolina 28403-1343

TO AUTHORIZE THOSE CONSTRUCTION ACTIVITIES IN THE 20 COASTAL COUNTIES RECEIVING PRIOR APPROVAL FROM THE STATE OF NORTH CAROLINA IN THE FORM OF A COASTAL AREA MANAGEMENT ACT (CAMA) PERMIT, AND/OR A STATE DREDGE AND FILL PERMIT, AND IF REQUIRED, A WATER QUALITY CERTIFICATION, THAT ARE OTHERWISE NOT ELIGIBLE FOR FEDERAL AUTHORIZATION IN THE FORM OF A NATIONWIDE PERMIT OR ANOTHER RGP.

Operating Procedures

a. Applications for joint state and federal authorization under this programmatic RGP will be accepted through the North Carolina Division of Coastal Management (NCDCM). Receipt of a complete application by the NCDCM will initiate the State's field review that will include a site visit and preparation of a Field Investigation Report and a state Bio-Report. The NCDCM will forward a copy of the complete application, its Field Investigation Report, and its Bio-Report, to the appropriate Corps of Engineers field office, thereby initiating federal review of the project. The Corps, upon receipt of an application, will immediately assign an action identification number, acknowledge receipt thereof, and examine the application to assure that it can be processed pursuant to this programmatic RGP. The applicant and the NCDCM will be furnished written notification of the Corps' determination. Notification to the applicant will include a brief description of the administrative process.

b. For those proposals that may result in a discharge into waters of the U.S., including wetlands, the North Carolina Division of Water Resources (NCDWR) and the applicant will be informed regarding the applicant's need to obtain a Water Quality Certification in accordance with section 401 of the Clean Water Act.

c. If, at any time, the Corps determines that a proposed activity is eligible for authorization under another regional RGP or a nationwide permit (NWP), this procedure may be terminated and the activity authorized pursuant to the terms and conditions of the appropriate RGP or NWP.

d. The permit review process conducted by the NCDCM is a public process involving publication of public notices in local newspapers, public hearings, and various public appeal procedures. The Corps may issue a separate public notice for a specific proposal if it is deemed necessary for compliance with appropriate laws, regulation, and guidance.

e. This RGP does not, in any way, alter established procedures or responsibilities, as required by federal laws, memoranda of agreements (MOA's) or administrative regulations, with respect to the Corps' coordination with appropriate review agencies. The applicant will continue to have the opportunity to rebut any objections to a proposal.

f. The Corps will provide copies of the application and plans, the NCDCM's Field Investigation Report, and the state Bio-Report, to the U.S. Fish and Wildlife Service (USFWS), the National Marine Fisheries Service (NMFS) the U.S. Environmental Protection Agency (EPA), and any other federal agency that the Corps determines to be a necessary review agency (collectively, the "Federal Agencies"). Receipt of this material will initiate the Federal Agencies' review. The Federal Agencies will be allowed sufficient time, normally thirty (30) days, to provide the Corps with their comments and recommendations, including any proposed permit special conditions and recommendations of denial. The Corps may grant extensions of time for Federal Agency review if justified by unusual circumstances. If an extension is granted that would substantially delay an NCDCM decision, the application may be removed from this RGP process.

g. The Corps will receive and review all Federal Agency comments as well as any applicant rebuttal. Provided all Federal Agencies and the Corps are in agreement, the Corps will prepare a coordinated federal position incorporating all Federal Agency comments, including proposed permit special conditions and any recommendations for denial. The Corps will typically furnish this coordinated federal position to the NCDCM within 45 days of its receipt of the complete application, and copies of the Field Investigation Report and Bio-Report.

h. If the Corps does not concur with a Federal Agency's comments or recommendations, the Corps will contact the Federal Agency and advise it of the Corps' position. Attempts to resolve the issue may include initiating the referral procedures outlined by current memoranda of agreement (MOA's) between the Department of the Army and the agency. No coordinated federal position will be furnished to the NCDCM until and unless the Corps receives written agreement from the Federal Agency that all issues have been resolved to the satisfaction of that agency.

i. If any of the recommendations and/or conditions included in the coordinated federal position are unacceptable to the NCDCM, the NCDCM will contact the Corps within ten (10) days of receipt of the coordinated federal position and attempt to resolve the conflict. If resolution of the conflict involves changes to the conditions or recommendations provided by the Federal Agencies, the provisions of paragraphs g. and h. (above) will apply. If the conflict is resolved to the satisfaction of the Corps and any affected Federal Agency, the NCDCM permit will be issued and the authority of this RGP will apply.

j. If a Federal Agency conflict is not resolved within the time necessary for a decision by the NCDCM, the NCDCM may proceed, independently, to conclude the state action without inclusion of the federal position. In such case, the applicant and the NCDCM will be notified immediately, in writing, that the state permit does not satisfy the federal permit requirements and that the proposal in question may not proceed without federal authorization.

k. If the coordinated federal position is not in conflict with state agencies' positions, law, regulation, or policy, and is acceptable to the NCDCM, a state permit will be developed by the NCDCM fully incorporating the state and federal positions. The NCDCM will furnish copies of the final permit to the applicant and the Corps. The NCDWR will furnish a copy of the Section 401 Water Quality Certification, if required, to the applicant and the Corps. The Corps will not confirm the authorization of a proposed project under this RGP until the issuance of the NCDCM permit and, if required, the Section 401 Water Quality Certification.

l. If the NCDCM permit or Section 401 Water Quality Certification is denied, the applicant will be informed that federal authorization is denied without prejudice.

m. No work may proceed under this RGP until the Wilmington District Engineer or his representative provides written verification that the procedures and conditions of the RGP have been satisfied.

n. The NCDCM and the Corps will monitor all permitted work and periodically inspect projects for compliance with permit conditions and applicable state and federal regulations. If any violation of the NCDCM permit is discovered which would also constitute a violation of the federal position, both the NCDCM and the Corps, in accordance with their respective regulations and policies, may take enforcement action.

o. This RGP will not be used to authorize an activity when the Wilmington District Engineer determines that the proposed activity would significantly affect the quality of the human environment and therefore require preparation of an Environmental Impact Statement (EIS).

General Conditions

a. Authorized structures located on or adjacent to Federally authorized waterways will be constructed in accordance with the latest setback criteria established by the Wilmington District Engineer. You may review the setback policy at

<http://www.saw.usace.army.mil/Missions/Navigation/Setbacks.aspx>. This RGP does not authorize the construction of hardened or permanently fixed structures within the Federally Authorized Channel Setback, unless the activity is approved by the Corps. The Permittee must obtain approval from the Corps prior to the construction of any structures within the Federally Authorized Channel Setback.

b. Except as authorized by this RGP or any Corps approved modification to this RGP, no excavation, fill or mechanized land-clearing activities shall take place, at any time in the construction or maintenance of this project, within waters or wetlands. This permit does not authorize temporary placement or double handling of excavated or fill material within waters or wetlands outside the permitted area. This prohibition applies to all borrow and fill activities connected with this project.

c. Authorization under this RGP does not obviate the need to obtain other federal, state, or local authorizations.

d. All work authorized by this RGP must comply with the terms and conditions of the applicable Clean Water Act Section 401 Water Quality Certification for this RGP issued by the North Carolina Division of Water Resources.

e. The Permittee shall employ all sedimentation and erosion control measures necessary to prevent an increase in sedimentation or turbidity within waters and wetlands outside the permit area. This shall include, but is not limited to, the immediate installation of silt fencing or similar appropriate devices around all areas subject to soil disturbance or the movement of earthen fill, and the immediate stabilization of all disturbed areas. Additionally, the project must remain in full compliance with all aspects of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statutes Chapter 113A Article 4).

f. The activities authorized by this RGP must not interfere with the public's right to free navigation on all navigable waters of the U.S. No attempt will be made by the Permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the authorized work for a reason other than safety.

g. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his/her authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the Corps, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

h. The Permittee, upon receipt of a notice of revocation of the permit for the verified individual activity, may apply for an individual permit, or will, without expense to the United States and in such time and manner as the Secretary of the Army or his/her authorized representative may direct, restore the affected water of the US to its former conditions.

i. This RGP does not authorize any activity that would conflict with a federal project's congressionally authorized purposes, established limitations or restrictions, or limit an agency's ability to conduct necessary operation and maintenance functions. Per Section 14 of the Rivers and Harbors Act of 1899, as amended (33 U.S.C. 408), no project that has the potential to take possession of or make use of for any purpose, or build upon, alter, deface, destroy, move, injure, or obstruct a federally constructed work or project, including, but not limited to, levees, dams, jetties, navigation channels, borrow areas, dredged material disposal sites, flood control projects, etc., shall be permitted unless the project has been reviewed and approved by the appropriate Corps approval authority.

j. The Permittee shall obtain a Consent to Cross Government Easement from the Wilmington District's Land Use Coordinator prior to any crossing of the Corps easement and/or prior to commencing construction of any structures, authorized dredging, or other work within the right-of-way of, or in proximity to, a federally designated disposal area. The Land Use Coordinator may be contacted at: CESA-OP-N, 69 Darlington Avenue, Wilmington, North Carolina 28403-1343, email: SAWWeb-NAV@usace.army.mil.

k. The Permittee will allow the Wilmington District Engineer or his/her representative to inspect the authorized activity at any time deemed necessary to assure that the activity is being performed or maintained in strict accordance with the Special and General Conditions of this permit.

l. This RGP does not grant any property rights or exclusive privileges.

m. This RGP does not authorize any injury to the property or rights of others.

n. This RGP does not authorize the interference with any existing or proposed federal project.

o. In issuing this RGP, the Federal Government does not assume any liability for the following:

(1) Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

(2) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

(3) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this RGP.

(4) Design or construction deficiencies associated with the permitted work.

(5) Damage claims associated with any future modification, suspension, or revocation of this RGP.

p. Authorization provided by this RGP may be modified, suspended, or revoked in whole or in part if the Wilmington District Engineer, acting for the Secretary of the Army, determines that such action would be in the best public interest. The term of this RGP shall be five (5) years unless subject to modification, suspension, or revocation. Any modification, suspension or revocation of this authorization will not be the basis for any claim for damages against the United States Government.

q. No activity may occur in a component of the National Wild and Scenic Rivers System, or in a river officially designated by Congress as a “study river” for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or “study river” (e.g., National Park Service, U.S. Forest Service, etc.)

r. This RGP does not authorize any activity within, or directly affecting, a marine sanctuary established by the Secretary of Commerce under authority of Section 302 of the Marine Protection, Research and Sanctuaries Act of 1972, unless the applicant provides the Corps with a certification from the Secretary of Commerce that the proposed activity is consistent with the purposes of Title III of the Marine Protection, Research and Sanctuaries Act. Information on marine sanctuaries may be obtained at <http://sanctuaries.noaa.gov/#MN>. Permittees may not begin work until they provide the Corps with a written certification from the Department of Commerce.

s. In cases where the Wilmington District Engineer determines that the activity may affect properties listed, or eligible for listing, in the National Register of Historic Places and its codified regulations, the National Historic Preservation Amendment Acts of 1980 and 1992, the Abandoned Shipwreck Act of 1987 and the Native American Graves Protection and Repatriation Act, the activity is not authorized, until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied. Permittees may not begin work until notified by the Corps that the requirements of the NHPA have been satisfied and that the activity is authorized.

t. If you discover any previously unknown historic, cultural, or archeological remains and artifacts while accomplishing the activity authorized by this RGP, you must immediately notify the Wilmington District Engineer of what you have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The Wilmington District Engineer will initiate the Federal, tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

u. Endangered Species.

(1) No activity is authorized under this RGP which is likely to jeopardize the continued existence of a threatened or endangered species directly or indirectly or a species proposed for such

designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify the critical habitat of such species. No activity is authorized under this RGP which “may affect” a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.

(2) Federal agencies should follow their own procedures for complying with the requirements of the ESA. Federal prospective Permittees (and when FHWA is the lead federal agency) must provide the District Engineer with the appropriate documentation to demonstrate compliance with those requirements. The District Engineer will review the documentation and determine whether it is sufficient to address ESA compliance for the RGP activity, or whether additional ESA consultation is necessary.

(3) As a result of formal or informal consultation with the U.S. Fish and Wildlife Service (USFWS) or NMFS, the District Engineer may add species-specific endangered species conditions to the RGP verification letter for a project.

(4) Authorization of an activity by a RGP does not authorize the “take” of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with “incidental take” provisions, etc.) from the USFWS or the NMFS, the ESA prohibits any person subject to the jurisdiction of the U.S. to take a listed species, where “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word “harm” in the definition of “take” means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering.

(5) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the USFWS in Raleigh, North Carolina at the address provided below, or from the USFWS and NMFS via their world wide web pages at <http://www.fws.gov/> or <http://www.fws.gov/ipac> and <http://www.noaa.gov/fisheries.html> respectively.

The Raleigh USFWS Office covers all NC counties east of, and including, Richmond, Montgomery, Randolph, Guilford, and Rockingham Counties.

US Fish and Wildlife Service
Raleigh Field Office
Post Office Box 33726
Raleigh, NC 27636-3726
Telephone: (919) 856-4520

(6) The Wilmington District, USFWS, NCDOT, and the FHWA have conducted programmatic Section 7(a)(2) consultation for a number of federally listed species and habitat, and programmatic consultation concerning other federally listed species and/or habitat may occur in the future. The result of completed programmatic consultation is a Programmatic Biological Opinion (PBO) issued by the USFWS. These PBOs contain mandatory terms and conditions to implement the reasonable and prudent measures that are associated with “incidental take” of

whichever species or critical habitat is covered by a specific PBO. Authorization under this RGP is conditional upon the Permittee's compliance with all the mandatory terms and conditions associated with incidental take of the applicable PBO (or PBOs), which are incorporated by reference in this RGP. Failure to comply with the terms and conditions associated with incidental take of an applicable PBO, where a take of the federally listed species occurs, would constitute an unauthorized take by the Permittee, and would also constitute Permittee non-compliance with the authorization under this RGP. If the terms and conditions of a specific PBO (or PBOs) apply to a project, the Corps will include this/these requirements in any RGP verification that may be issued for a project. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its PBO, and with the ESA.

(7) Northern long-eared bat (NLEB) (*Myotis septentrionalis*). Standard Local Operating Procedures for Endangered Species (SLOPES) for the NLEB have been approved by the Corps and the U.S. Fish and Wildlife Service. See <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Agency-Coordination/ESA/>. This SLOPES details how the Corps will make determinations of effect to the NLEB when the Corps is the lead federal agency for an NCDOT project that is located in the western 41 counties of North Carolina. This SLOPES do not address NCDOT projects (either federal or state funded) in the eastern 59 counties in North Carolina. Note that if another federal agency is the lead federal agency for a project in the western 41 counties, procedures for satisfying the requirements of Section 7(a)(2) of the ESA will be dictated by that agency and will not be applicable for consideration under the SLOPES; however, information that demonstrates the lead federal agency's (if other than the Corps) compliance with Section 7(a)(2) / 4(d) Rule for the NLEB, will be required in the PCN. Note that at the time of issuance of this RGP, the federal listing status of the NLEB as "Threatened" is being litigated at the National level. If, as a result of litigation, the NLEB is federally listed as "Endangered", this general condition ("s") will no longer be applicable because the 4(d) Rule, and this NLEB SLOPES, will no longer apply/be valid.

(8) In order to further protect the endangered West Indian Manatee, *Trichechus manatus*, the applicant must implement the U.S. Fish and Wildlife Service's Manatee Guidelines, and strictly adhere to all requirements therein. The guidelines can be found at <https://www.fws.gov/raleigh/pdfs/ManateeGuidelines2017.pdf>

(9) If the Permittee discovers or observes any live, damaged, injured, or dead individual of an endangered or threatened species during construction, the Permittee shall immediately notify the Wilmington District Engineer so that required coordination can be initiated with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service.

v. Permittees are advised that development activities in or near a floodway may be subject to the National Flood Insurance Program that prohibits any development, including fill, within a floodway that results in any increase in base flood elevations. This RGP does not authorize any activity prohibited by the National Flood Insurance Program.

w. The Permittee must install and maintain, at his/her expense, any signal lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, on authorized

facilities. For further information, the Permittee should contact Coast Guard Sector North Carolina at (910) 772-2191 or email Coast Guard Fifth District at cgd5waterways@uscg.mil.

x. If the display of lights and signals on the authorized structure is not otherwise provided for by law, such lights and signals as may be prescribed by the U.S. Coast Guard will be installed and maintained by and at the expense of the Permittee.

y. It is possible that an authorized structure may be damaged by wave wash from passing vessels. The issuance of this RGP does not relieve the Permittee from taking all proper steps to ensure the integrity of the permitted structure and the safety of moored boats. The Permittee will not hold the United States liable for any such damage.

z. Structures and their attendant utilities, authorized by this RGP, located on lands subject to an easement in favor of the United States for the operation, maintenance, improvement, and enlargement of the Atlantic Intracoastal Waterway (AIWW), will be removed at the expense of the Permittee, in the event that, in the judgment of the Corps acting on behalf of the United States, the lands are needed at any time for any purpose within the scope of the easement. Permanent buildings will not be constructed within the easement.

aa. The Permittee must maintain any structure or work authorized by this RGP in good condition and in conformance with the terms and conditions of this RGP. The Permittee is not relieved of this requirement if the Permittee abandons the structure or work. Transfer in fee simple of the work authorized by this RGP will automatically transfer this RGP to the property's new owner, with all of the rights and responsibilities enumerated herein. The Permittee must inform any subsequent owner of all activities undertaken under the authority of this RGP and provide the subsequent owner with a copy of the terms and conditions of this RGP.

bb. At his/her sole discretion, any time during the processing cycle, the Wilmington District Engineer may determine that this RGP will not be applicable to a specific proposal. In such case, the procedures for processing an individual permit in accordance with 33 CFR 325 will be available.

cc. Except as authorized by this RGP or any Corps approved modification to this RGP, all fill material placed in waters or wetlands shall be generated from an upland source and will be clean and free of any pollutants except in trace quantities.

dd. Except as authorized by this RGP or any Corps approved modification to this RGP, all excavated material will be disposed of in approved upland disposal areas.

ee. Activities which have commenced (i.e., are under construction) or are under contract to commence in reliance upon this RGP will remain authorized provided the activity is completed within twelve months of the date of the RGP's expiration, modification, or revocation. Activities completed under the authorization of this RGP that were in effect at the time the activity was completed continue to be authorized by the RGP.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

A handwritten signature in black ink, appearing to read 'B. A. Bennett', with a long horizontal flourish extending to the right.

Benjamin A. Bennett
Colonel, U.S. Army
District Commander

JOSH STEIN

Governor

D. REID WILSON

Secretary

RICHARD E. ROGERS, JR.

Director



NORTH CAROLINA
Environmental Quality

April 4, 2025

Mr. Paul Williams
NCDOT Division 1
113 Airport Drive
Edenton, NC 27932

Subject: Modification of 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with ADDITIONAL CONDITIONS for the proposed road shoulder stabilization along NC 615 (Marsh Causeway) in Currituck County. TIP# HF-0008.
NCDWR Project No. 20200064 v.3

Dear Mr. Williams:

Attached hereto is a modification of Certification No. WQC004977 issued to The North Carolina Department of Transportation (NCDOT) dated January 21, 2020 and modification dated June 29, 2022.

This approval is for the purpose and design described in your application. The plans and specifications for this project are incorporated by reference as part of this Water Quality Certification. If you change your project, you must notify the Division and you may be required to submit a new application package with the appropriate fee. If the property is sold, the new owner must be given a copy of this Certification and is responsible for complying with all conditions. [15A NCAC 02H .0507(d)(2)]. This Certification does not relieve the permittee of the responsibility to obtain all other required Federal, State, or Local approvals before proceeding with the project, including those required by, but not limited to, Sediment and Erosion Control, Non-Discharge, Water Supply Watershed, and Trout Buffer regulations.

If we can be of further assistance, do not hesitate to contact us.

Sincerely,

Signed by:

Susan Locklear

375CAE2BB9F540C...

Richard E. Rogers, Jr., Director
Division of Water Resources

cc: Kyle Barnes, USACE, Washington Regulatory Field Office
Lee Cannady, NC Division of Coastal Management
Cathy Brittingham, NC Division of Coastal Management
Garcy Ward, NC Division of Water Resources, Washington Regional Office
File Copy



North Carolina Department of Environmental Quality | Division of Water Resources
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617
919.707.9000

Modification to the 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with ADDITIONAL CONDITIONS

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Water Resources (NCDWR) Regulations in 15 NCAC 2H .0500. This certification authorizes the NCDOT to impact an additional 0.03 acres of wetlands and 0.11 acres of open waters in Currituck County. The project shall be constructed pursuant to the application dated received March 12, 2025. The authorized impacts are as described below:

Coastal Wetland and Open Water Impacts

Site – NC 615	Coastal Wetland Fill (ac)	Open Water Fill Permanent (ac)
Previously approved impacts – total for project	0.012	0.91
Additional impacts approved with this modification	0.034*	0.113
Total	0.046	1.02

* includes 48 sq ft of 404 wetlands

The application provides adequate assurance that the discharge of fill material into wetlands and waters in conjunction with the proposed development will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate the applicable portions of Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

This approval is only valid for the purpose and design that you submitted in your application dated received March 12, 2025. Should your project change, you are required to notify the NCDWR and submit a new application. If the property is sold, the new owner must be given a copy of this Certification and approval letter, and is thereby responsible for complying with all the conditions. If any additional wetland impacts, or stream impacts, for this project (now or in the future) equal or exceed one-tenth of one acre or 300 linear feet of perennial stream, respectively, additional compensatory mitigation may be required as described in 15A NCAC 2H .0506 (c). For this approval to remain valid, you are required to comply with all the conditions listed below. In addition, you should obtain all other federal, state or local permits before proceeding with your project including (but not limited to) Sediment and Erosion control, Coastal Stormwater, Non-discharge and Water Supply watershed regulations. This Certification shall expire on the same day as the expiration date of the corresponding Corps of Engineers Permit.

This Water Quality Certification neither grants nor affirms any property right, license, or privilege in any lands or waters, or any right of use in any waters. This Water Quality Certification does not authorize any person to interfere with the riparian rights, littoral rights, or water use rights of any other person and does not create any prescriptive right or any right of priority regarding any usage of water. This Water Quality Certification shall not be interposed as a defense in any action respecting the determination of riparian or littoral rights or other rights to water use. No consumptive user is deemed by virtue of this Water Quality Certification to possess any prescriptive or other right of priority with respect to any other consumptive user regardless of the quantity of the withdrawal or the date on which the withdrawal was initiated or expanded. Upon the presentation of proper credentials, the Division may inspect the property.

Condition(s) of Certification:

1. This modification is applicable only to the additional proposed activities. All of the authorized activities and conditions associated with the original Water Quality Certification dated January 21, 2020 and modification dated June 29, 2022 still apply except where superseded by this certification.



2. This Certification is associated with the Regional General Permit 1980000291 issued by the Corps of Engineers.
3. A copy of this Water Quality Certification shall be maintained on the construction site at all times. In addition, the Water Quality Certification and all subsequent modifications, if any, shall be maintained with the Division Engineer and the on-site project manager. [15A NCAC 02H .0507(c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]

This Certification shall become null and void unless the above conditions are made conditions of the Federal 404 and/or Coastal Area Management Act Permit. This Certification shall expire upon the expiration of the 404 or CAMA permit. Please be aware that impacting waters without first applying for and securing the issuance of a 401 Water Quality Certification violates Title 15A of the North Carolina Administrative Code (NCAC) 2H .0500. Title 15A NCAC 2H .0500 requires certifications pursuant to Section 401 of the Clean Water Act whenever construction or operation of facilities will result in a discharge into navigable waters, including wetlands, as described in 33 Code of Federal Regulations (CFR) Part 323. It also states any person desiring issuance of the State certification or coverage under a general certification required by Section 401 of the Federal Water Pollution Control Act shall file with the Director of the North Carolina Division of Water Quality. Violations of any condition herein set forth may result in revocation of this Certification and may result in criminal and/or civil penalties. Pursuant to G.S. 143-215.6A, these violations and any future violations are subject to a civil penalty assessment of up to a maximum of \$25,000.00 per day for each violation.

This approval and its conditions are final and binding unless contested [G.S. 143-215.5]. Please be aware that impacting waters without first applying for and securing the issuance of a 401 Water Quality Certification violates Title 15A of the North Carolina Administrative Code (NCAC) 2H .0500. Title 15A NCAC 2H .0500 requires certifications pursuant to Section 401 of the Clean Water Act whenever construction or operation of facilities will result in a discharge into navigable waters, including wetlands, as described in 33 Code of Federal Regulations (CFR) Part 323. It also states any person desiring issuance of the State certification or coverage under a general certification required by Section 401 of the Federal Water Pollution Control Act shall file with the Director of the North Carolina Division of Water Quality. Pursuant to G.S. 143-215.6A, these violations and any future violations are subject to a civil penalty assessment of up to a maximum of \$25,000.00 per day for each violation.

This Certification can be contested as provided in Chapter 150B of the North Carolina General Statutes by filing a Petition for a Contested Case Hearing (Petition) with the North Carolina Office of Administrative Hearings (OAH) within sixty (60) calendar days. Requirements for filing a Petition are set forth in Chapter 150B of the North Carolina General Statutes and Title 26 of the North Carolina Administrative Code. Additional information regarding requirements for filing a Petition and Petition forms may be accessed at <http://www.ncoah.com/> or by calling the OAH Clerk's Office at (919) 431-3000.

A party filing a Petition must serve a copy of the Petition on:

William F. Lane, General Counsel
Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699-1601

If the party filing the Petition is not the permittee, then the party must also serve the recipient of the Certification in accordance with N.C.G.S 150B-23(a).

This the 4th day of April 2025

DIVISION OF WATER RESOURCES

Signed by:
Susan Locklear
375CAE2BB9F540C...

Richard E. Rogers, Jr., Director

WQC No. 004977



North Carolina Department of Environmental Quality | Division of Water Resources
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617
919.707.9000

Permit Class
MODIFICATION/MINOR

Permit Number
14-20

STATE OF NORTH CAROLINA
Department of Environmental Quality
and
Coastal Resources Commission

Permit

for

X Major Development in an Area of Environmental Concern
pursuant to NCGS 113A-118

X Excavation and/or filling pursuant to NCGS 113-229

Issued to **N.C. Department of Transportation Division One, 113 Airport Drive, Edenton, NC 27932**

Authorizing development in Currituck County at Back Bay and a manmade borrow canal, NC 615 (Knotts Island Causeway), as requested in the permittee's application submitted 1/29/25 (PA-1690).

including the attached workplan drawings (16): as referenced in Condition No. 2 of this permit.

This permit, issued on April 15, 2025, is subject to compliance with the application (where consistent with the permit), all applicable regulations, special conditions and notes set forth below. Any violation of these terms may be subject to fines, imprisonment or civil action; or may cause the permit to be null and void.

- 1) Unless specifically altered herein, this Minor Modification authorizes the placement of an additional 3,119 linear feet of riprap to stabilize the shoreline and canal bank along the road shoulder, as depicted on the attached workplan drawings. [07J .0202(c)].
- 2) Unless specifically altered herein, all work authorized by this permit shall be carried out in accordance with the following attached workplan drawings (16): 1 dated as received 1/29/25; 1 dated 3/5/25; 2 dated 8/3/24; 6 dated 9/18/24; and 6 dated 3/18/24. [07J .0202(c)].

NOTE: In addition to the work authorized by this Minor Modification, the permittee also plans to complete approximately 2,900 linear feet of shoreline stabilization that was authorized previously under this CAMA Major Permit 14-20.

(See attached sheets for Additional Conditions)

This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date.

This permit must be accessible on-site to Department personnel when the project is inspected for compliance.

Any maintenance work or project modification not covered hereunder requires further Division approval.

All work must cease when the permit expires on

No expiration date, pursuant to GS 136-44.7B

In issuing this permit, the State of North Carolina agrees that your project is consistent with the North Carolina Coastal Management Program.

Signed by the authority of the Secretary of DEQ and the Chair of the Coastal Resources Commission.



for Tancred Miller, Director
Division of Coastal Management

This permit and its conditions are hereby accepted.

DocuSigned by:



7C79B0D2941F47E...

Signature of Permittee

ADDITIONAL CONDITIONS

NOTE: Nothing in this permit authorizes any activity that has not received approval from the U.S. Fish and Wildlife Service (USFWS), if required, for work within the Mackay Island National Wildlife Refuge.

NOTE: USFWS issued Special Use Permit #25002G for the activity on January 21, 2025.

NOTE: This minor modification will permanently impact approximately 1,465 square feet of Coastal Wetlands due to fill; approximately 48 square feet of other Section 404 Wetlands due to fill; and approximately 4,941 square feet of Surface Waters due to fill.

- 3) In accordance with the N.C. Division of Mitigation Services (DMS) letter dated March 20, 2025, compensatory mitigation for permanent impacts of 0.034 acres of Coastal Wetlands associated with the authorized project shall be provided by the DMS in accordance with the DMS In-Lieu Fee Instrument dated 7/28/10. [07H .0208(a)(3)].

NOTE: DCM requests that coordination occur to assist with compensatory mitigation for Coastal Wetland impacts to encourage mitigation that is in-kind, i.e. the targeted species composition of the restored wetlands shall approximate the species composition of the impacted wetlands, that the mitigation is as close as possible to the location of the authorized impacts, and that the mitigation ratio should account for the time elapsed between project construction and mitigation completion.

- 4) No fill material shall be placed at any time in any vegetated wetlands or surrounding waters outside of the alignment of the fill areas as indicated on the attached workplan drawings, without permit modification. [07H .0208(a)(2)(G); 07J .0201].
- 5) The placement of riprap shall be limited to the areas as indicated on the attached workplan drawings. It shall be of a size sufficient to prevent its movement from the authorized alignment by wave or current action. If the riprap becomes dislodged from the approved alignment at any point in the future, the permittee shall immediately contact DCM to determine the appropriate course of action. The riprap material shall consist of clean rock or masonry materials such as but not limited to granite, marl, or broken concrete without exposed rebar, or other suitable materials approved by DCM. [07J .0202(c)].
- 6) Filter fabric shall be in place prior to the placement of any riprap and/or backfill. [07H .0208(a)(2)B].
- 7) All backfill material shall be obtained from a high ground source and shall be confined behind the authorized riprap. No unconfined backfill shall be discharged into waters of the State. All fill material shall be clean and free of any pollutants except in trace quantities. [07H .0208(a)(2)(A); 07H .0209(d)(3)].
- 8) Construction staging areas shall be located only in upland areas, and not in wetlands or waters of the State. [07H .0208(a)(2)(B)].

ADDITIONAL CONDITIONS

General

- 9) If it is determined that additional permanent and/or temporary impacts are necessary that are not shown on the attached workplan drawings or described in the authorized permit application, a permit modification and/or additional authorization from DCM shall be required. In addition, any changes in the approved plan may also require a permit modification and/or additional authorization from DCM. The permittee shall contact representatives of DCM prior to commencement of any such activity for this determination and any permit modification. [15A NCAC 07J .0201].
- 10) The permittee and/or its contractor shall contact the DCM Transportation Project Field Representative by email at lee.cannady@deq.nc.gov or by phone at (252) 948-3855 to request a pre-construction conference prior to project initiation. [G.S 113A-120(b); 07J .0209(a)].
- 11) All conditions and stipulations of the active permit remain in force under this Minor Modification unless altered herein. [07J .0209(a)].

NOTE: A CAMA/Dredge and Fill Permit is a determination that the proposed development meets the CAMA/Dredge and Fill laws and CRC's rules for coastal development. It is not a determination of private property ownership or an authorization to trespass onto property owned by someone other than the Permittee.

NOTE: This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date. Any development authorized under this permit that occurs prior to the expiration of the twenty (20) day appeal period or completion of an appeal process, shall be done at the permittee's risk.

NOTE: The permittee is strongly advised to review and understand all additional permits, approvals or authorizations that may be required, including but not limited to any permits, approvals or authorizations provided by the N.C. Division of Water Resources, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and other state and local regulatory agencies.

NOTE: The N.C. Division of Water Resources (DWR) authorized the proposed project on 4/4/25 (DWR Project No. 20200064 v.3) under Water Quality Certification No. 004977.

NOTE: This Minor Modification shall be attached to the original of Permit No. 14-20, which was issued on 1/27/20, as well as all subsequent modifications and Letters of Authorization, and copies of all documents shall be readily available on site when a Division representative inspects the project for compliance.

NOTE: This Minor Modification does not eliminate the need to obtain any additional permits, approvals or authorizations that may be required. This includes approval, if required, from the U.S. Army Corps of Engineers.

NOTE: This permit does not constitute authorization from the U.S. Army Corps of Engineers. Authorization should be received from the U.S. Army Corps of Engineers prior to the commencement of any operations authorized under this permit.

ADDITIONAL CONDITIONS

NOTE: The U.S. Army Corps of Engineers has assigned the proposed project COE Action ID No. SAW-2019-02404.

NOTE: The permittee has assigned the project TIP No. HF-0008.

NOTE: A minor modification application processing fee of \$100 was received by DCM for this project.

Permit Class
RENEWAL
MAINTENANCE 5

Permit Number
14-20

STATE OF NORTH CAROLINA
Department of Environmental Quality
and
Coastal Resources Commission

Permit

for

X Major Development in an Area of Environmental Concern
pursuant to NCGS 113A-118

X Excavation and/or filling pursuant to NCGS 113-229

Issued to **N.C. Department of Transportation Division One, 113 Airport Drive, Edenton, NC 27932**

Authorizing development in Currituck County at Back Bay and a manmade borrow canal, NC 615 (Knotts Island Causeway), as requested in the permittee's application letter dated 12/7/23.

This permit, issued on January 3, 2024, is subject to compliance with the application (where consistent with the permit), all applicable regulations, special conditions and notes set forth below. Any violation of these terms may be subject to fines, imprisonment or civil action; or may cause the permit to be null and void.

Road Shoulder Repair/Reconstruction and Shoreline Stabilization

- 1) Proposed work under the authority of this CAMA permit within areas where permit plans have not been previously authorized shall require the submittal of new permit plans to DCM and these plans shall receive approval from DCM prior to undertaking the proposed work [07J .0201].

NOTE: Nothing in this permit authorizes any activity that has not received approval from the U.S. Fish and Wildlife Service (USFWS), if required, for work within the Mackay Island National Wildlife Refuge.

- 2) The activities authorized by this permit shall only be conducted on lands owned by the N.C. Department of Transportation (NCDOT), and/or their Right-of-Ways and/or easements and/or on federal lands with federal authorization [G.S. 113-229(b)].

(See attached sheet for Additional Conditions)

This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date.

This permit must be accessible on-site to Department personnel when the project is inspected for compliance.

Any maintenance work or project modification not covered hereunder requires further Division approval.

All work must cease when the permit expires on

December 31, 2028

In issuing this permit, the State of North Carolina agrees that your project is consistent with the North Carolina Coastal Management Program.

Signed by the authority of the Secretary of DEQ and the Chair of the Coastal Resources Commission.



Braxton C. Davis, Director
Division of Coastal Management

This permit and its conditions are hereby accepted.

DocuSigned by:



7C79B0D2941F47E Signature of Permittee

ADDITIONAL CONDITIONS

Maintenance Clause [07J .0407]

- 3) The maintenance clause of this Renewal only applies to areas where previously authorized work has been completed. It does not apply to areas where work was authorized but was not completed.
- 4) DCM shall be notified in writing at least two (2) weeks in advance of any maintenance work authorized by this permit, and such notification shall include:
 - A. The number of the original permit.
 - B. A statement that no dimensional changes are proposed.
 - C. A copy of the original permit plans with cross-hatching indicating the area to be maintained.
 - D. The date of map revision and the permittee's signature shown anew on the original plan.
 - E. A description of the linear distance of maintenance required.

General

- 5) All conditions and stipulations of the active permit remain in force under this Renewal [07J .0209(a)].

NOTE: This Renewal shall be attached to the original of Permit No. 14-20, which was issued on 1/27/20, as well as all subsequent modifications and Letters of Authorization, and copies of all documents shall be readily available on site when a Division representative inspects the project for compliance.

NOTE: This Renewal does not eliminate the need to obtain any additional permits, approvals or authorizations that may be required.

NOTE: A permit renewal application processing fee of \$100 was received by DCM for this project.

Permit Class

NEW

Permit Number

14-20

STATE OF NORTH CAROLINA
Department of Environmental Quality
and
Coastal Resources Commission

Permit

for

☒ Major Development in an Area of Environmental Concern
pursuant to NCGS 113A-118

☒ Excavation and/or filling pursuant to NCGS 113-229

Issued to N.C. Department of Transportation Division One, 113 Airport Drive, Edenton, NC 27932

Authorizing development in Currituck County at Back Bay and a manmade borrow canal, NC 615 (Knotts Island Causeway), as requested in the permittee's application dated 10/29/19, including the attached workplan drawings (13): 3 dated 10/17/19; and 10 dated 10/16/19.

This permit, issued on 1/27/20, is subject to compliance with the application (where consistent with the permit), all applicable regulations, special conditions and notes set forth below. Any violation of these terms may be subject to fines, imprisonment or civil action; or may cause the permit to be null and void.

- 1) The authorized activities shall not result in any direct impacts to submerged aquatic vegetation (SAV), without permit modification.
- 2) Prior to conducting work in open waters east of the Mackay Island National Wildlife Refuge Charles Kuralt Overlook Site, the permittee shall conduct SAV surveys during the SAV growing season (April 1 to October 31) in the proposed work areas that are in open waters. Results of the SAV survey(s) shall be provided to the N.C. Division of Coastal Management (DCM), the N.C. Wildlife Resources Commission (WRC), and the N.C. Division of Marine Fisheries (DMF) prior to beginning work in open waters east of the Mackay Island National Wildlife Refuge Charles Kuralt Overlook Site.

(See attached sheets for Additional Conditions)

This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date.

This permit must be accessible on-site to Department personnel when the project is inspected for compliance.

Any maintenance work or project modification not covered hereunder requires further Division approval.

All work must cease when the permit expires on

December 31, 2023

Signed by the authority of the Secretary of DEQ and the Chair of the Coastal Resources Commission.



Braxton C. Davis, Director
Division of Coastal Management

This permit and its conditions are hereby accepted.

In issuing this permit, the State of North Carolina agrees that your project is consistent with the North Carolina Coastal Management Program.

Signature of Permittee

ADDITIONAL CONDITIONS

- NOTE:** The authorized activities include the installation of approximately 9,405 linear feet of new rip rap revetment.
- NOTE:** A maintenance and repair exemption of approximately 1,766 linear feet of existing riprap revetment was written by DCM on January 14, 2020.
- NOTE:** This project will impact approximately 380 square feet of Coastal Wetlands due to fill in Section B as depicted on workplan drawing Sheet 4, and approximately 39,681 square feet of Open Water/Shallow Bottom.
- 3) Nothing in this permit authorizes any activity that has not received approval from the U.S. Fish and Wildlife Service (USFWS), if required, for work within the Mackay Island National Wildlife Refuge. If work is proposed in areas that are not already authorized by the Special Use Permit #20001G issued by the USFWS on 12/20/19, the permittee shall obtain a Special Use Permit from the USFWS, if required, and a copy of the Special Use Permit shall be provided to DCM prior to construction in those areas.
 - 4) The alignment of the authorized riprap revetment shall be staked by the permittee and approved by a representative of DCM within a maximum of 30 days prior to the start of any construction. Failure to initiate construction within 30 days of the alignment being marked, or erosion of the shoreline by adverse weather conditions, shall require the alignment to be restaked by the permittee and re-approved by DCM within a maximum of 30 days prior to the new expected start of construction.
 - 5) The authorized riprap revetment shall not extend waterward more than 10 feet from the normal water level when protecting an upland road shoulder at any point along its alignment at the time of construction, without permit modification.
 - 6) The riprap revetment adjacent to Coastal Wetlands shall be positioned so as not to exceed the elevation of one foot above the elevation of the normal water level and adjacent Coastal Wetland substrate.
 - 7) No vegetated wetlands or waters of the State shall be excavated, without permit modification.
 - 8) No temporary impacts to wetlands or waters of the State are authorized by this permit without prior approval from DCM.
 - 9) The permittee shall minimize the need to cross wetlands in transporting equipment to the maximum extent practicable. If the permittee determines that it is necessary to cross wetlands to transport equipment, then construction mats shall be utilized to support equipment within wetland areas to minimize temporary wetland impacts. Prior to utilizing this construction methodology, DOT shall coordinate with DCM on this activity. These mats shall be removed immediately when they are no longer needed following project completion.
 - 10) Construction staging areas shall be located only in upland areas, and not in any wetlands or waters of the State.

ADDITIONAL CONDITIONS

- 11) All mechanized equipment shall be regularly inspected and maintained to prevent contamination of waters and wetlands from fuels, lubricants, hydraulic fluids, or other toxic materials. In the event of a spill of petroleum products or any other hazardous waste, the permittee shall immediately report it to the N.C. Division of Water Resources, and provisions of the North Carolina Oil Pollution and Hazardous Substances Control Act shall be followed.
- 12) No fill material shall be placed at any time in any vegetated wetlands or surrounding waters outside of the alignment of the fill areas as indicated on the attached workplan drawings, without permit modification.
- 13) The temporary placement and/or double handling of any fill material within waters or vegetated wetlands is not authorized.
- 14) The placement of riprap shall be limited to the areas as indicated on the attached workplan drawings. The riprap material shall be of a size sufficient to prevent its movement from the approved alignment by wave or current action. The riprap material shall consist of clean rock or masonry materials such as but not limited to granite, marl or broken concrete without exposed rebar, or other suitable materials approved by DCM.
- 15) Filter fabric shall be in place prior to the placement of any riprap and/or backfill.
- 16) The authorized riprap revetments shall be in place prior to any backfilling activities.
- 17) All fill material shall be obtained from a high ground source and shall be clean and free of any pollutants except in trace quantities. No unconfined backfill shall be discharged into waters of the State.

NOTE: DCM issued approximately 10 CAMA General Permits between February 2008 and September 2019 for riprap revetments within the authorized project area.

NOTE: DCM issued CAMA Major Permit 132-04 for the replacement of the bridge over Corey's Ditch, including the replacement of two existing culverts and the installation of six new culverts along NC 615 (TIP No. B-3445) within the authorized project area.

- 18) In accordance with Condition No. 24 of CAMA Permit 132-04, placement of riprap at the existing equalizer pipes must be the minimum necessary to protect or ensure shoulder slope stability.
- 19) This project shall conform to all requirements of the N.C. Sedimentation Pollution Control Act and the N.C. Department of Transportation's (NCDOT's) Memorandum of Agreement with the N.C. Division of Energy, Mineral and Land Resources.
- 20) The permittee shall employ all sedimentation and erosion control measures necessary to prevent an increase in sedimentation or turbidity within waters outside the permit area. This shall include, but is not limited to, the installation of silt fencing or similar appropriate devices around all areas subject to soil disturbance or the movement of earthen fill, and the immediate stabilization of all disturbed areas.

ADDITIONAL CONDITIONS

Sedimentation and Erosion Control

- 21) Appropriate sedimentation and erosion control devices, measures or structures shall be implemented to ensure that eroded materials do not enter adjacent wetlands, watercourses and properties (e.g. silt fence, diversion swales or berms, etc.).
- 22) The activity shall be conducted in such a manner as to prevent a significant increase in turbidity outside the area of construction or construction-related discharge.

General

- 23) If the permittee discovers any previously unknown historic or archaeological resources while accomplishing the authorized work, it shall immediately stop work and notify the N.C. Department of Cultural and Natural Resources, DCM, and the Wilmington District Engineer to initiate the required coordination procedures.
- 24) No attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the authorized work following completion of construction.
- 25) If it is determined that additional permanent and/or temporary impacts are necessary that are not shown on the attached workplan drawings or described in the authorized permit application, a permit modification and/or additional authorization from DCM and/or the USACE shall be required. In addition, any changes in the approved plan may also require a permit modification and/or additional authorization from DCM and/or USACE. The permittee shall contact representatives of DCM and USACE prior to commencement of any such activity for this determination and any permit modification.
- 26) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee shall be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal, relocation, or alteration. The permittee shall notify NOAA/NATIONAL OCEAN SERVICE Chief Source Data Unit N CS261, 1315 E West HWY-RM 7316, Silver Spring, MD 20910-3282 at least two weeks prior to beginning work and upon completion of work.
- 27) The permittee and/or its contractor shall contact the DCM Transportation Project Field Representative in Elizabeth City at (252) 264-3901 to request a pre-construction conference prior to project initiation.
- 28) Development authorized by this permit shall only be conducted on lands owned by the N.C. Department of Transportation (NCDOT), and/or their Right-of-Ways and/or easements and/or USFWS lands with USFWS authorization.

ADDITIONAL CONDITIONS

NOTE: The U.S. Army Corps of Engineers (USACE) assigned the proposed project COE Action ID No. SAW-2019-02404.

- 29) This permit does not eliminate the need to obtain any additional permits, approvals or authorizations that may be required.
- 30) The N.C. Division of Water Resources (DWR) authorized the proposed project on 1/21/20 (DWR Project No. 20-0064) under General Water Quality Certification No. 4175. Any violation of the Certification approved by DWR shall be considered a violation of this CAMA permit.

NOTE: An application processing fee of \$475 was received by DCM for this project. This fee also satisfied the Section 401 application processing fee requirements of the Division of Water Resources.

Permit Class
MODIFICATION/MINOR

Permit Number
14-20

STATE OF NORTH CAROLINA
Department of Environmental Quality
and
Coastal Resources Commission

Permit

for

☒ Major Development in an Area of Environmental Concern
pursuant to NCGS 113A-118

☒ Excavation and/or filling pursuant to NCGS 113-229

Issued to **N.C. Department of Transportation Division One, 113 Airport Drive, Edenton, NC 27932**

Authorizing development in Currituck County at Back Bay and a manmade borrow canal, NC 615 (Knotts Island Causeway), as requested in the permittee's application dated 6/24/20, including the attached workplan drawings (3): 2 dated 6/24/20; and 1 dated 10/17/19.

This permit, issued on August 3, 2020, is subject to compliance with the application (where consistent with the permit), all applicable regulations, special conditions and notes set forth below. Any violation of these terms may be subject to fines, imprisonment or civil action; or may cause the permit to be null and void.

- 1) Unless specifically altered herein, this Minor Modification authorizes the removal of Condition No. 1 of the CAMA Major Permit 14-20 issued on January 27, 2020, and the implementation of fill slopes adjacent to the manmade borrow canal that are no flatter than 2':1' to minimize environmental impacts, as depicted on the attached workplan drawings.

NOTE: A survey for submerged aquatic vegetation (SAV) in the proposed work areas that are in open waters east of the Mackay Island National Wildlife Refuge Charles Kuralt Overlook Site was conducted by representatives of the N.C. Wildlife Resources Commission (WRC), the N.C. Division of Marine Fisheries (DMF), and the N.C. Department of Transportation (NCDOT) on June 1, 2020. During the survey, the non-native submerged aquatic vegetation (SAV) species Eurasian Watermilfoil, *Myriophyllum spicatum*, was located, and no other species of SAV were located.

(See attached sheet for Additional Conditions)

This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date.

This permit must be accessible on-site to Department personnel when the project is inspected for compliance.

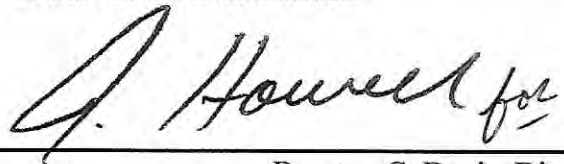
Any maintenance work or project modification not covered hereunder requires further Division approval.

All work must cease when the permit expires on

December 31, 2023

In issuing this permit, the State of North Carolina agrees that your project is consistent with the North Carolina Coastal Management Program.

Signed by the authority of the Secretary of DEQ and the Chair of the Coastal Resources Commission.



Braxton C. Davis, Director
Division of Coastal Management

This permit and its conditions are hereby accepted.

Signature of Permittee

ADDITIONAL CONDITIONS

- 2) Although Eurasian Watermilfoil is a non-native SAV, it provides function to this ecosystem and it occupies suitable SAV habitat that may support native grasses in the future. Therefore, the permittee shall make every effort to further avoid and minimize impacts to open water areas containing Eurasian Watermilfoil, including but not necessarily limited to further reducing the road shoulder width if possible while also attaining the minimum stable road shoulder as required by the N.C. Department of Transportation (NCDOT) standards.
- 3) Nothing in this permit authorizes any activity that has not received approval from the U.S. Fish and Wildlife Service (USFWS), if required, for work within the Mackay Island National Wildlife Refuge. If work is proposed in areas that are not already authorized by the Special Use Permit #20001G issued by the USFWS on 12/20/19, the permittee shall obtain a Special Use Permit from the USFWS, if required, and a copy of the Special Use Permit shall be provided to DCM prior to construction in those areas.
- 4) No temporary impacts to wetlands or waters of the State are authorized by this permit without prior approval from DCM
- 5) No fill material shall be placed at any time in any vegetated wetlands or surrounding waters outside of the alignment of the fill areas as indicated on the attached workplan drawings, without permit modification.

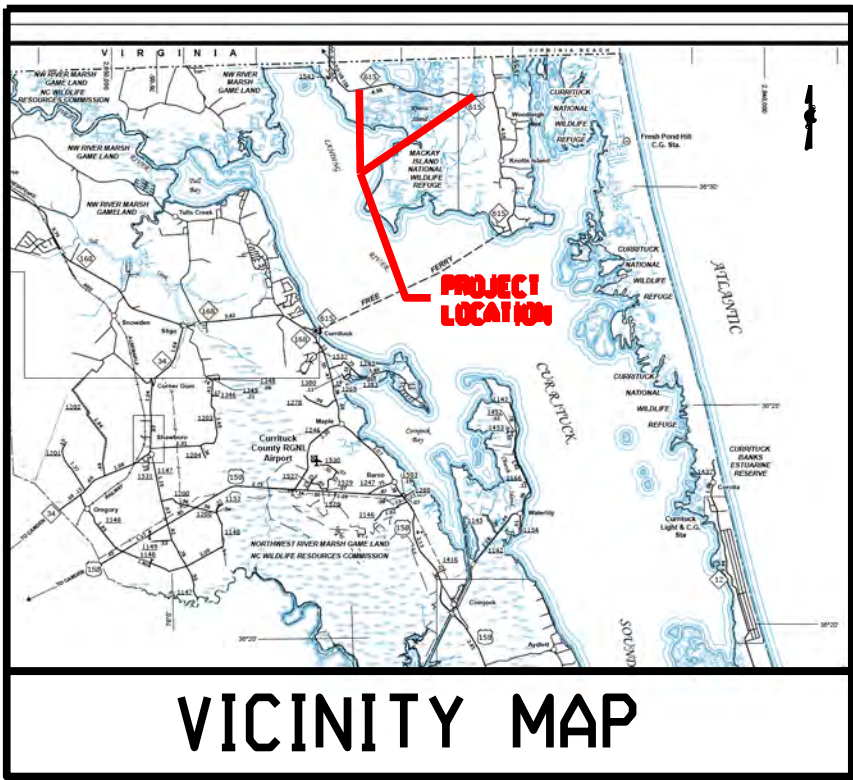
General

- 6) If it is determined that additional permanent and/or temporary impacts are necessary that are not shown on the attached workplan drawings or described in the authorized permit application, a permit modification and/or additional authorization from DCM and/or the USACE shall be required. In addition, any changes in the approved plan may also require a permit modification and/or additional authorization from DCM and/or USACE. The permittee shall contact representatives of DCM and USACE prior to commencement of any such activity for this determination and any permit modification.
- 7) The permittee and/or its contractor shall contact the DCM Transportation Project Field Representative in Elizabeth City at (252) 264-3901 to request a pre-construction conference prior to project initiation.
- 8) This Minor Modification does not eliminate the need to obtain any additional permits, approvals or authorizations that may be required. This includes approval, if required, from the U.S. Army Corps of Engineers (USACE) and the N.C. Division of Water Resources (DWR).
- 9) This Minor Modification shall be attached to the original of Permit No. 14-20, which was issued on 1/27/20, and copies of both documents shall be readily available on site when a Division representative inspects the project for compliance.
- 10) All conditions and stipulations of the active permit remain in force under this Minor Modification unless altered herein.

NOTE: A minor modification application processing fee of \$100 was received by DCM for this project.

WBS#: 50804.1.1.1

CONTRACT: DA00xxx



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY

LOCATION: NC 615 KNOTTS ISLAND CAUSEWAY
TYPE OF WORK: SHORELINE STABILIZATION

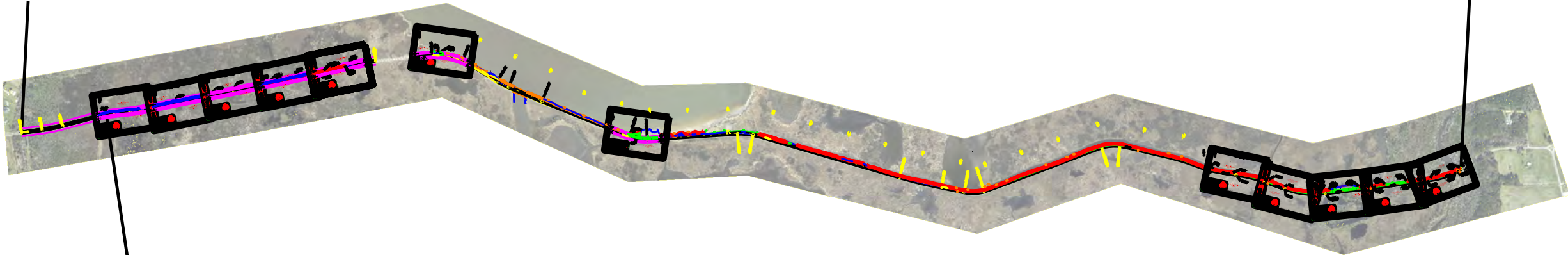
STATE	STATE PROJECT REFERENCE NO.	TOTAL SHEETS
N.C.	HF-0008	1
STATE FUNDING	F.A.FUNDING	DESCRIPTION
50804.1.1		CONST, PE



STATION 10+00.00
(275' East of Refuge Driveway)

END STATION 200+45.51

BEGIN PROJECT
STA 21+08.54



PROJECT LENGTH

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 Airport Drive, Edenton NC 27932

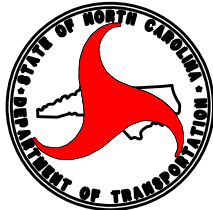
NTS

TOTAL LENGTH PROJECT: 3.61 MILES

D.M. STALLINGS
DRAWN BY:

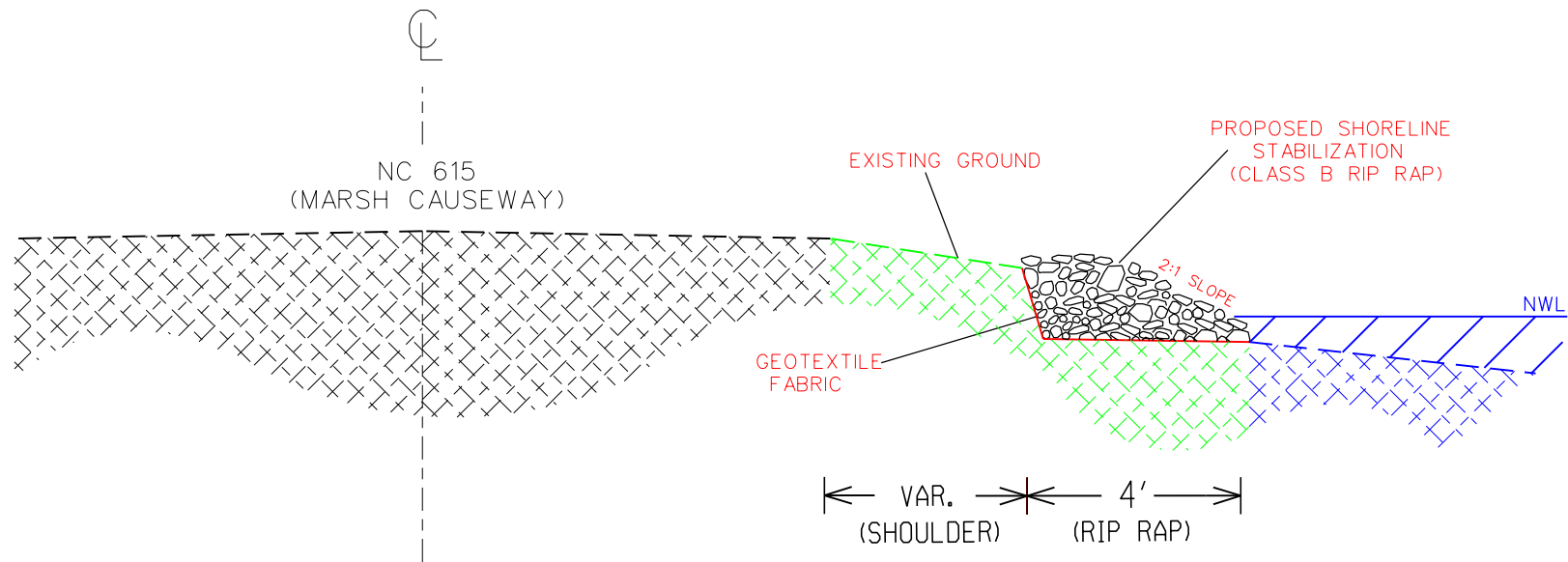
J. S. ABEL, JR.
DIVISION PROJECT TEAM LEAD

MARK WINSLOW
DIVISION PROPOSALS ENGINEER



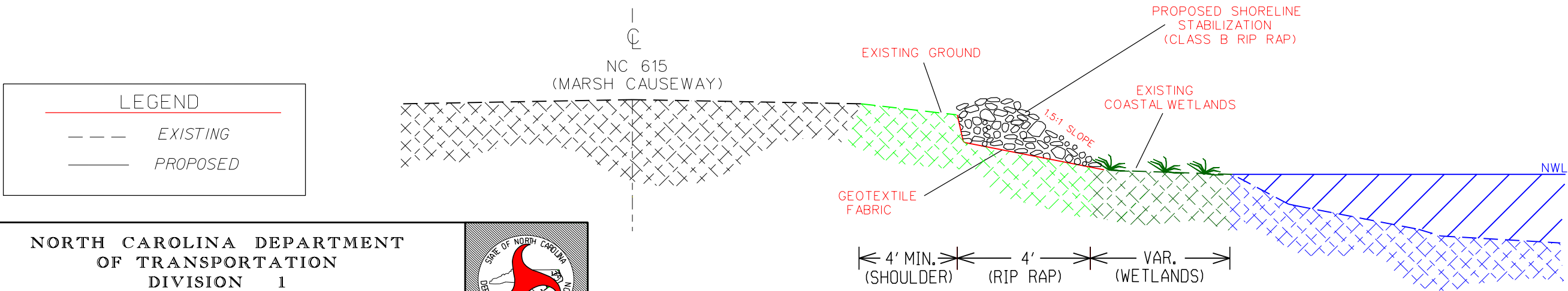
Revised
3/5/2025

DETAIL SECTION - CROSS SECTION 'A'



NOTE: PROPOSED CLASS B RIP RAP IS TO BE PLACED ON AN APPROVED GEOTEXTILE FABRIC

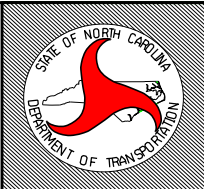
DETAIL SECTION - CROSS SECTION 'B'



LEGEND

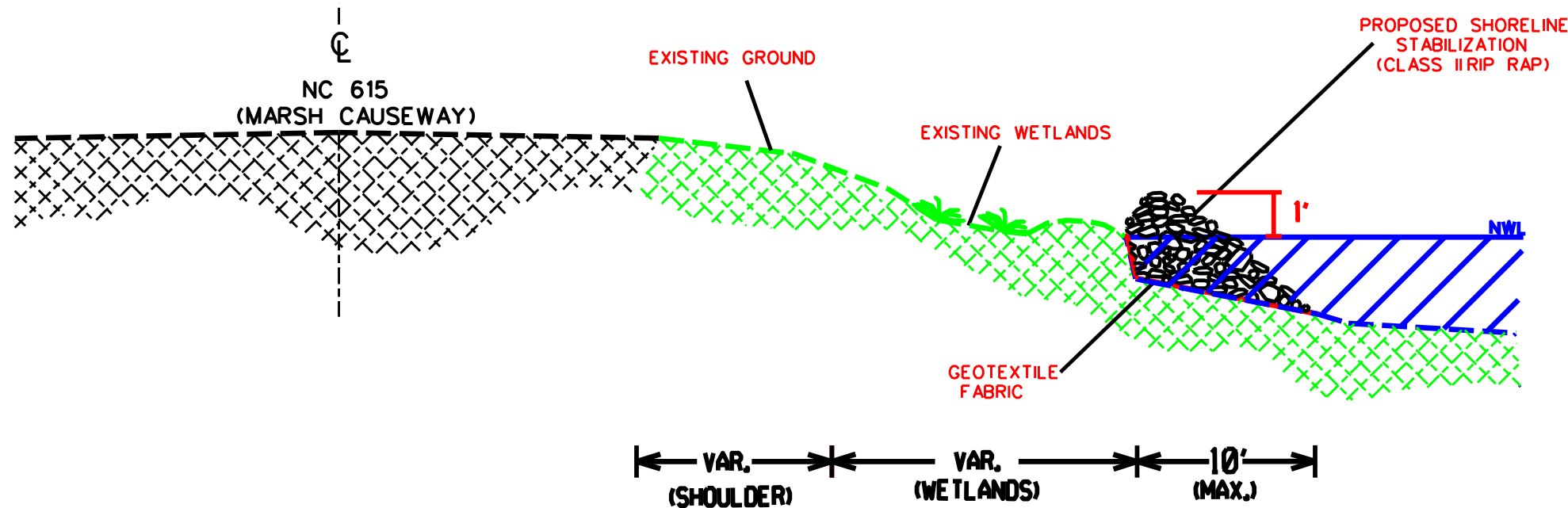
--- EXISTING

— PROPOSED

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR. EDENTON, NC 27932 (252) 482-1850		
COUNTY: CURRITUCK	WBS#: 50804.1.1	
QUAD: KNOTTS ISLAND	DATE: 8/03/24	
BASIN: PASQUOTANK	SHEET #: 2A	
SHORELINE STABILIZATION ON NC 615 KNOTTS ISLAND CAUSEWAY		
LAT. = 36.539466	LONG. = -75.992612	
DRAWN BY: D. H. STALLINGS	SCALE: 1" = 5 FT	

NOTE: PROPOSED CLASS B RIP RAP IS TO BE PLACED ON AN APPROVED GEOTEXTILE FABRIC

DETAIL SECTION- CROSS SECTION 'C'



NOTE: PROPOSED CLASS II RIP RAP IS TO BE PLACED ON AN APPROVED GEOTEXTILE FABRIC

**NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 1
113 AIRPORT DR.
EDENTON, NC 27932 (252) 482-1850**



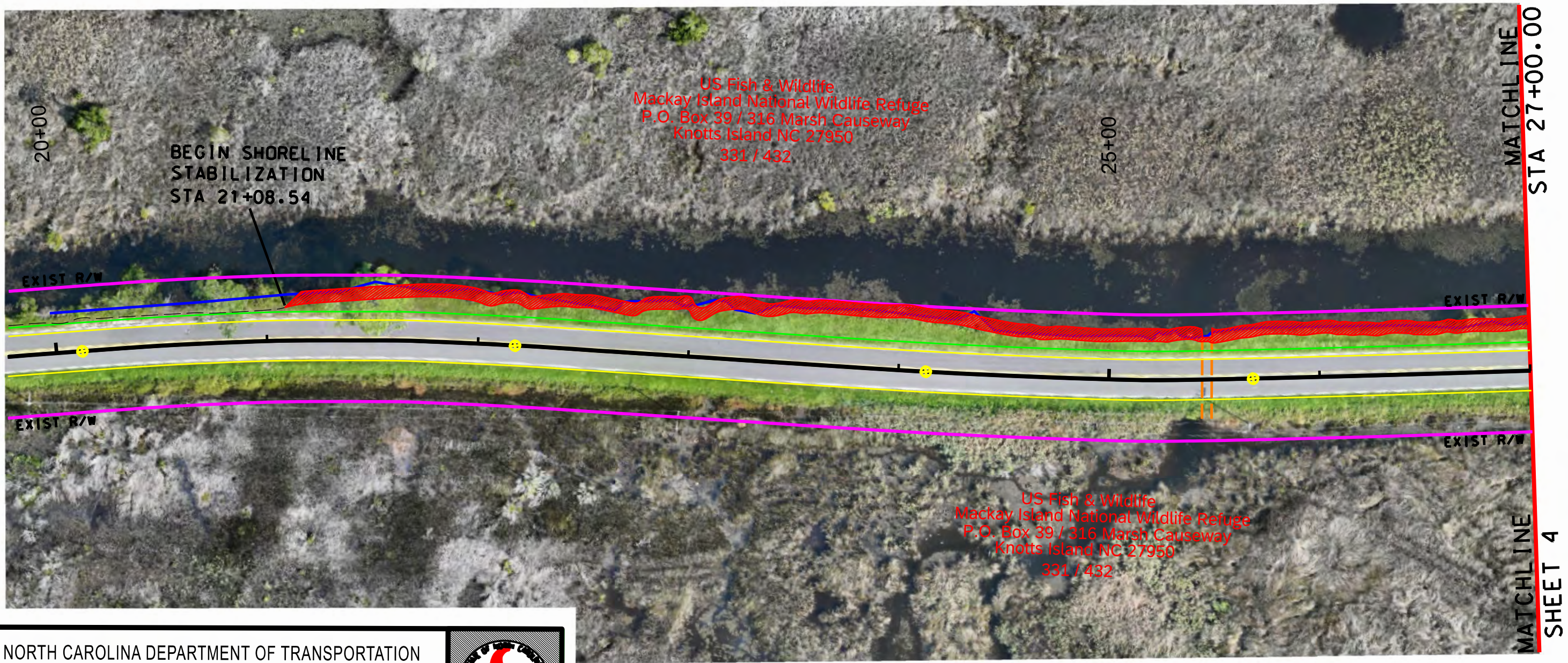
COUNTY: CURRITUCK WBS#: 50804.1.1
QUAD: KNOTTS ISLAND DATE: 8/03/24
BASIN: PASQUOTANK SHEET #: 2B

SHORELINE STABILIZATION ON NC 615 KNOTTS ISLAND CAUSEWAY

LAT. = 36.539466 LONG. = -75.992612

DRAWN BY: D. H. STALLINGS SCALE: 1" = 5 FT

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
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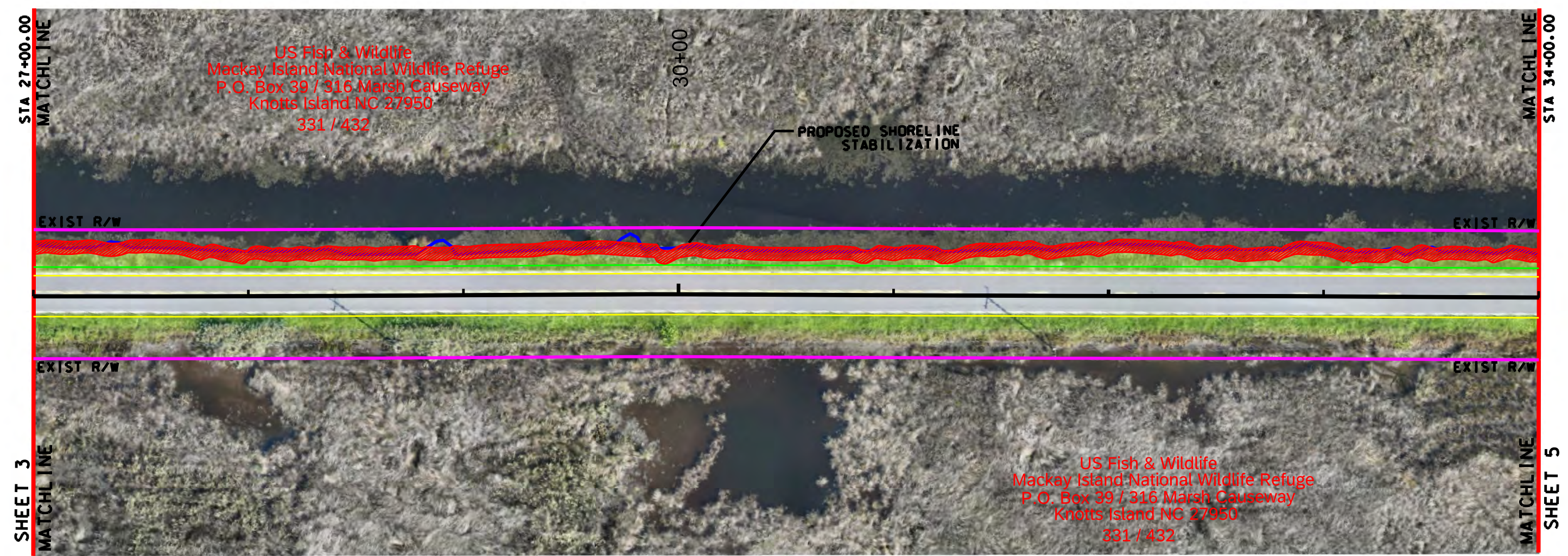
COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: 9/18/24
BASIN: PASQUOTANK	SHEET #: 3
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

Cross Section A

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	592 L.F.
OPEN WATER IMPACT:	1,494 SQ. FT.
FILL QTY:	60 C.Y.
RIP RAP AREA:	3,467 SQ. FT.
RIP RAP QTY:	260 TONS



PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR., SUITE 100 EDENTON, NC 27932 (252) 482-1850	
COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: MARCH 18, 2024
BASIN: PASQUOTANK	SHEET #: 4
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

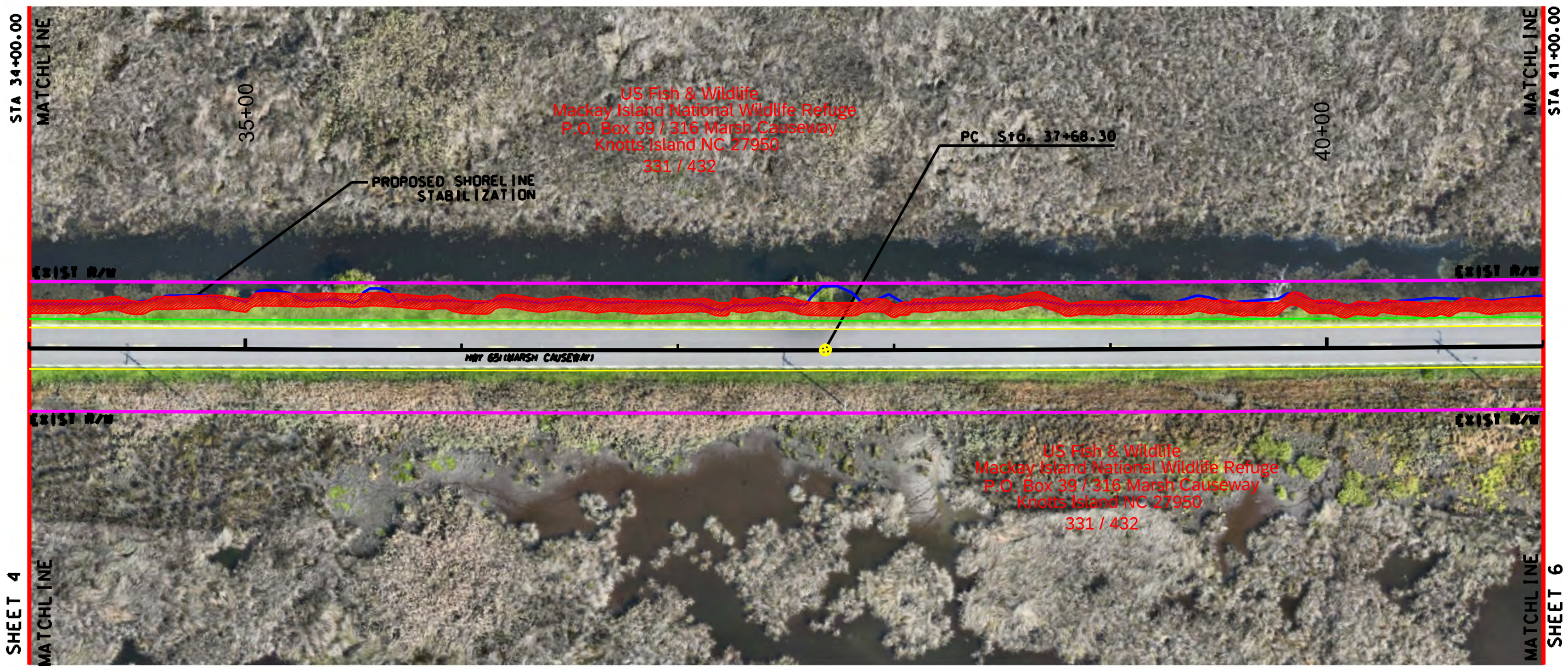


Cross Section A

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	700 L.F.
OPEN WATER IMPACT:	2,059 SQ. FT.
FILL QTY:	70 C.Y.
RIP RAP AREA:	4,156 SQ. FT.
RIP RAP QTY:	305 TONS

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY

PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION 1

113 AIRPORT DR., SUITE 100

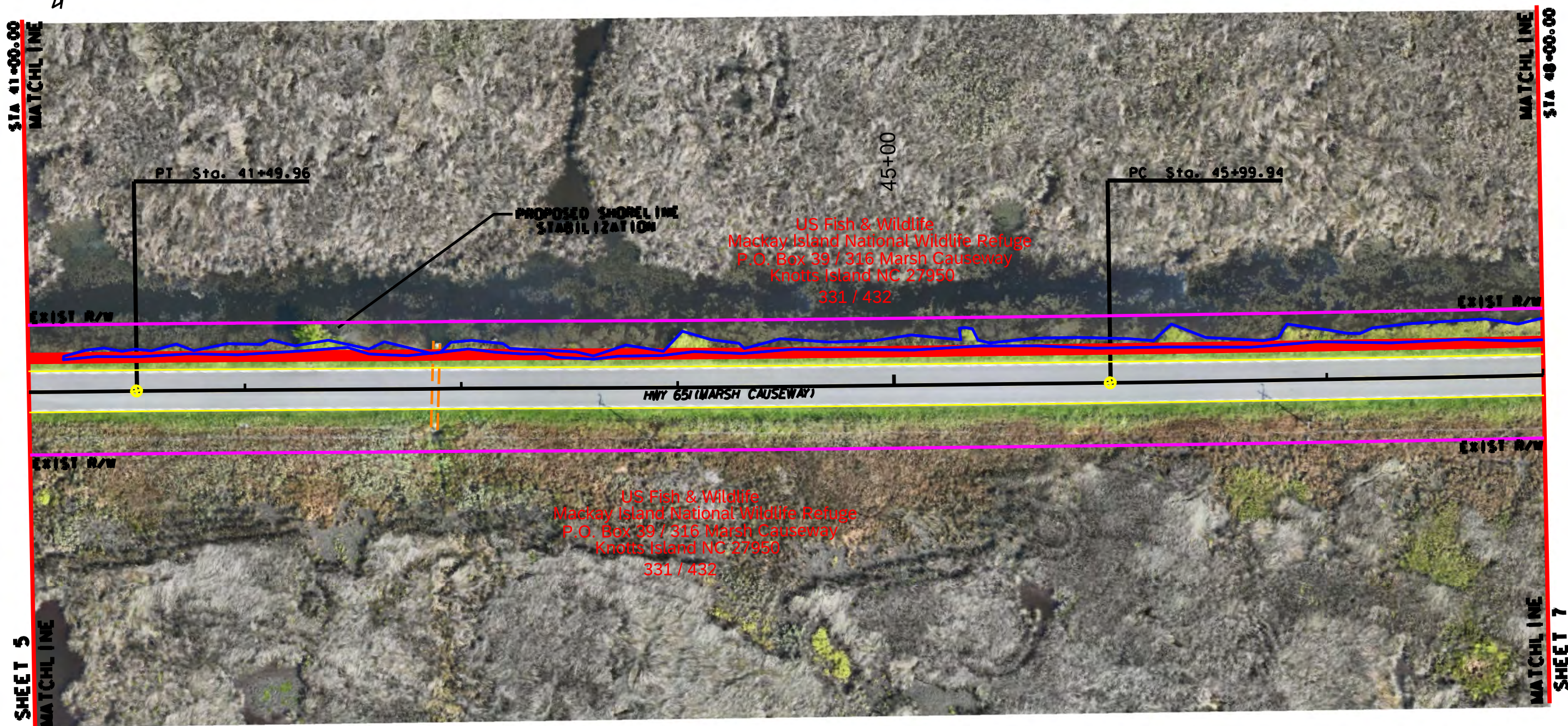
EDENTON, NC 27932 (252) 482-1850

COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: 9/18/24
BASIN: PASQUOTANK	SHEET #: 5
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

Cross Section A

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	700 L.F.
OPEN WATER IMPACT:	1,351 SQ. FT.
FILL QTY:	70 C.Y.
RIP RAP AREA:	4,116 SQ. FT.
RIP RAP QTY:	310 TONS

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
113 AIRPORT DR., SUITE 100
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Cross Section B

COUNTY: CURRITUCK WBS#: 50804.1.1
QUAD: KNOTTS ISLAND DATE: 9/18/24
BASIN: PASQUOTANK SHEET #: 6

NC 615 SHORELINE STABILIZATION

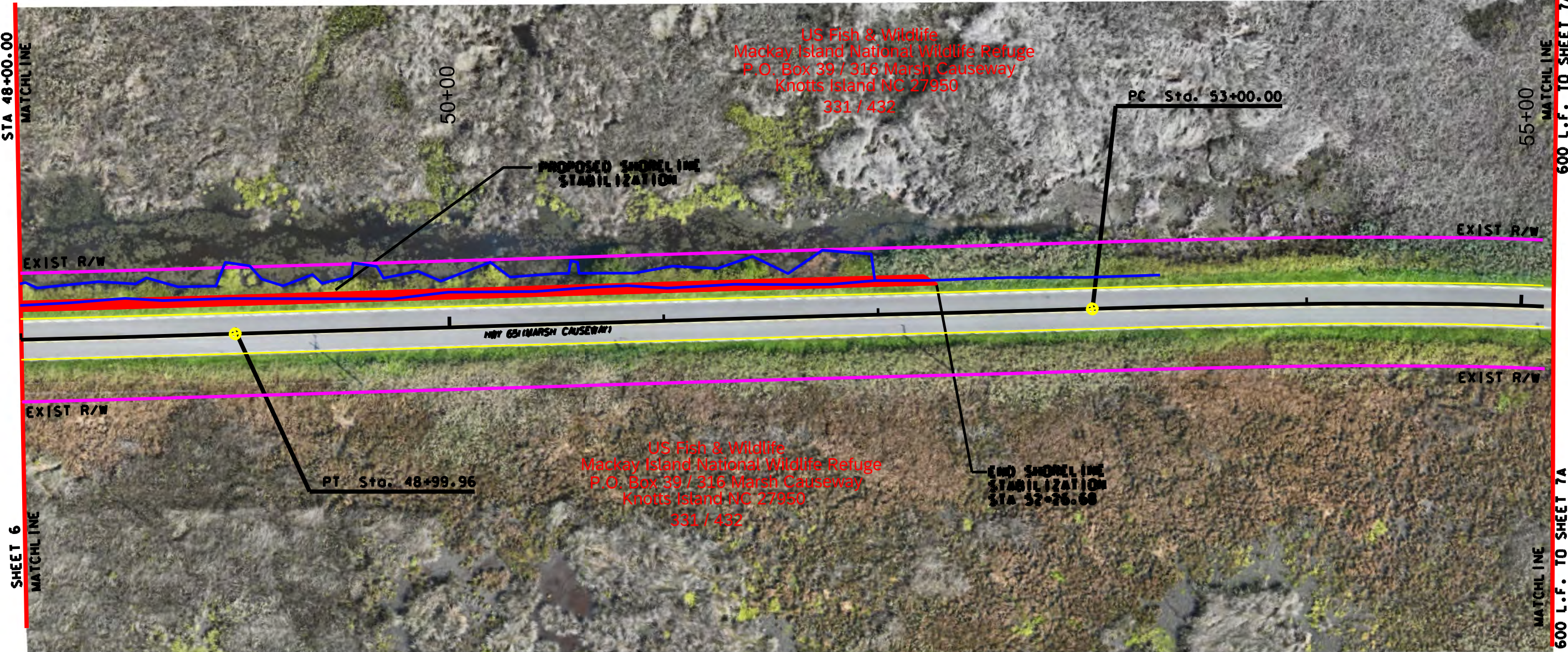
LAT. = 36.539466 N LONG. = 75.992612 W

D.H. STALLINGS SCALE: 1" = 50 Ft

WETLAND IMPACTS: 794 SQ. FT.
SHORELINE STABILIZATION: 700 L.F.
OPEN WATER IMPACT: 37 SQ. FT.
FILL QTY: 70 C.Y.
RIP RAP AREA: 2,800 SQ. FT.
RIP RAP QTY: 310 TONS

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY

PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
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Cross Section B

COUNTY: CURRITUCK WBS#: 50804.1.1
QUAD: KNOTTS ISLAND DATE: 9/18/24
BASIN: PASQUOTANK SHEET #: 7

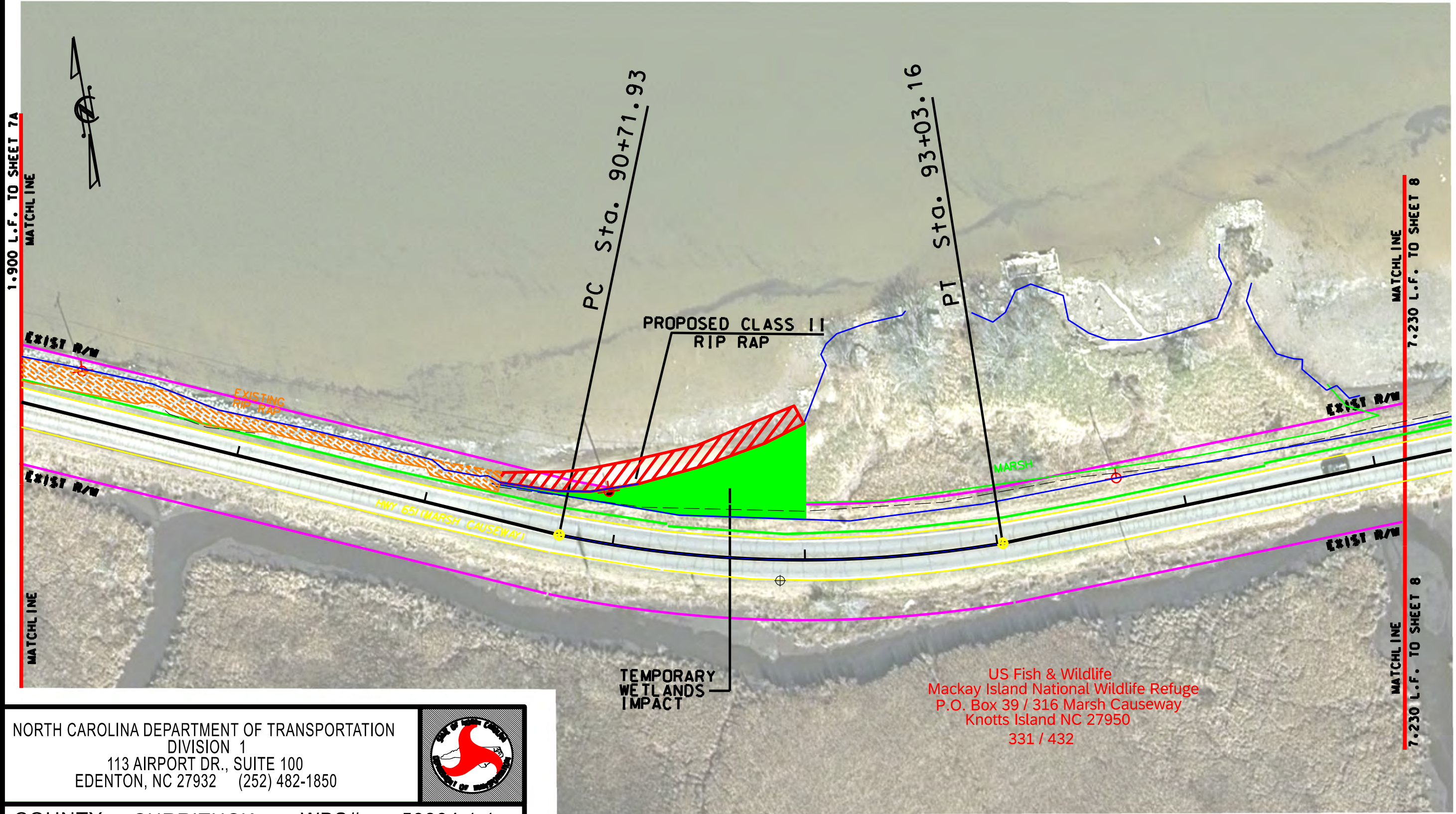
NC 615 SHORELINE STABILIZATION

LAT. = 36.539466 N LONG. = 75.992612 W

D.H. STALLINGS SCALE: 1" = 50 Ft

WETLAND IMPACTS:	671 SQ. FT. (404 WETLANDS : 48 SQ. FT.)
SHORELINE STABILIZATION:	427 L.F.
OPEN WATER IMPACT:	0 SQ. FT.
FILL QTY:	43 C.Y.
RIP RAP AREA:	1,708 SQ. FT.
RIP RAP QTY:	185 TONS

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
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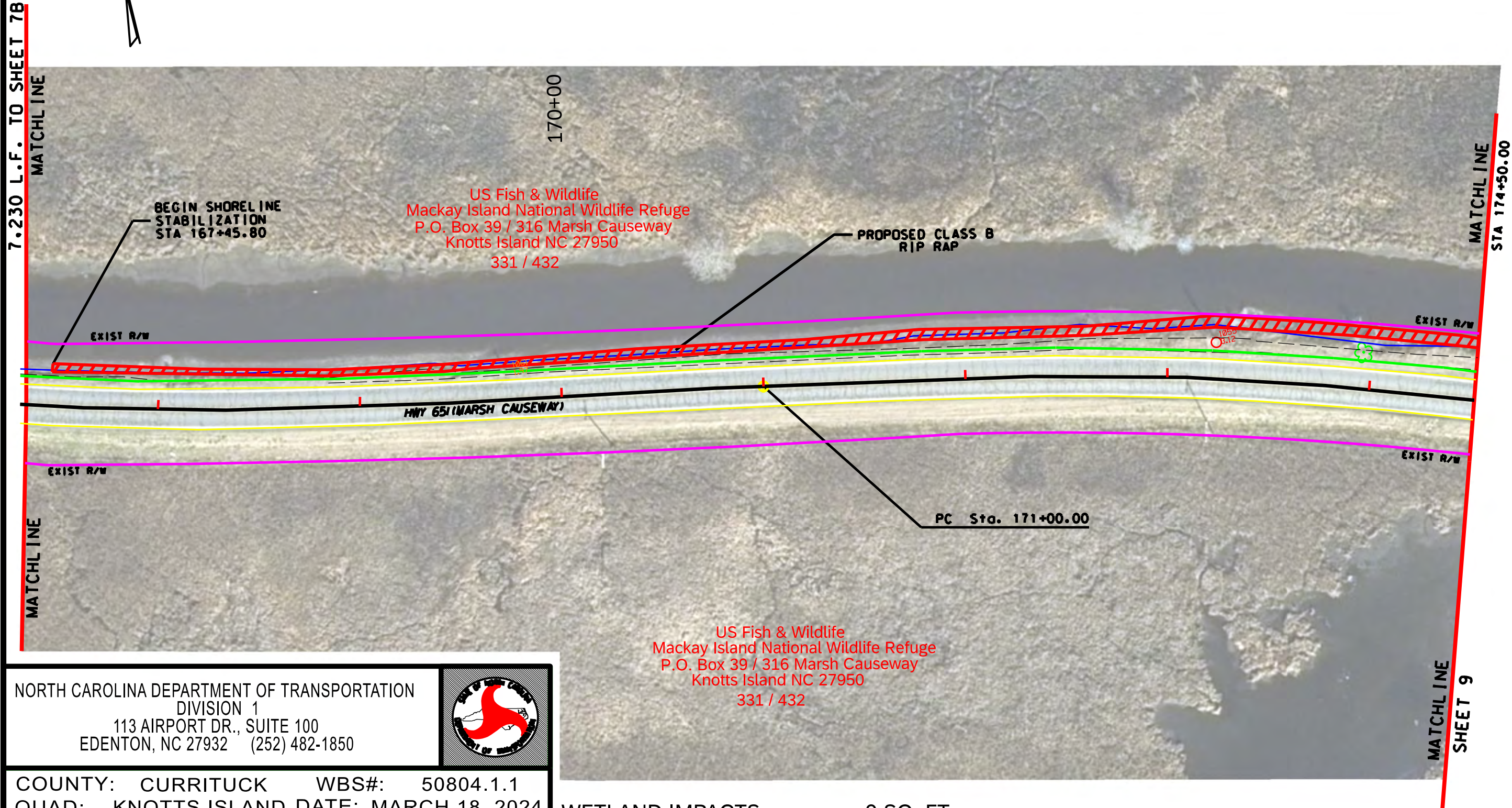


COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: 9/18/24
BASIN: PASQUOTANK	SHEET #: 7-B
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

WETLAND IMPACTS:	2,903 SQ. FT. (TEMP.)
SHORELINE STABILIZATION:	161 L.F.
OPEN WATER IMPACT:	1,749 SQ. FT.
FILL QTY:	16 C.Y.
RIP RAP AREA:	1,749 SQ. FT.
RIP RAP QTY:	70 TONS

Cross Section C

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS



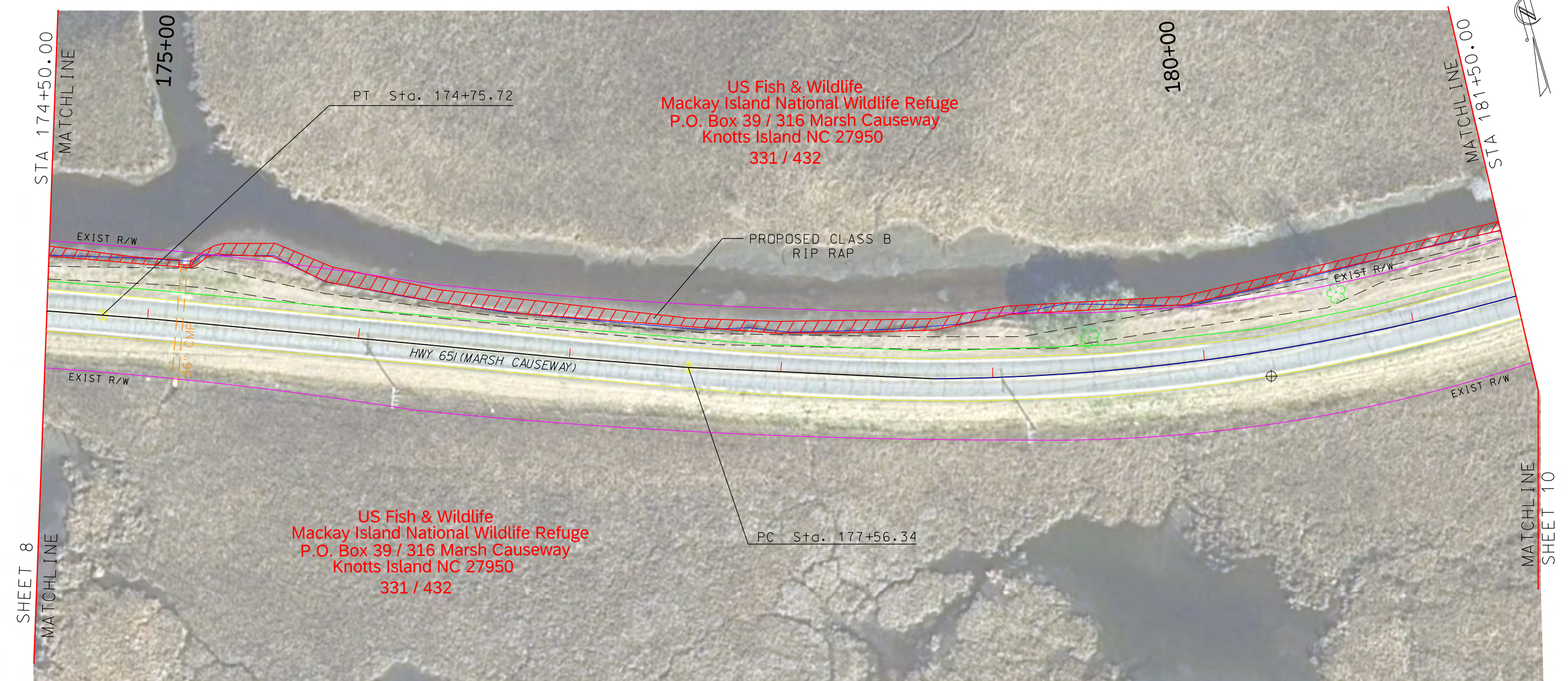
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
113 AIRPORT DR., SUITE 100
EDENTON, NC 27932 (252) 482-1850

COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: MARCH 18, 2024
BASIN: PASQUOTANK	SHEET #: 8
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

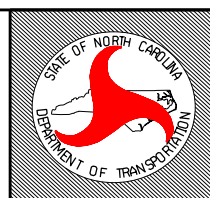
WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	704 L.F.
OPEN WATER IMPACT:	1,920 SQ. FT.
FILL QTY:	71 C.Y.
RIP RAP AREA:	3,380 SQ. FT.
RIP RAP QTY:	310 TONS

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS

PROJECT REFERENCE NO.	SHEET NO.
HF-0008	9



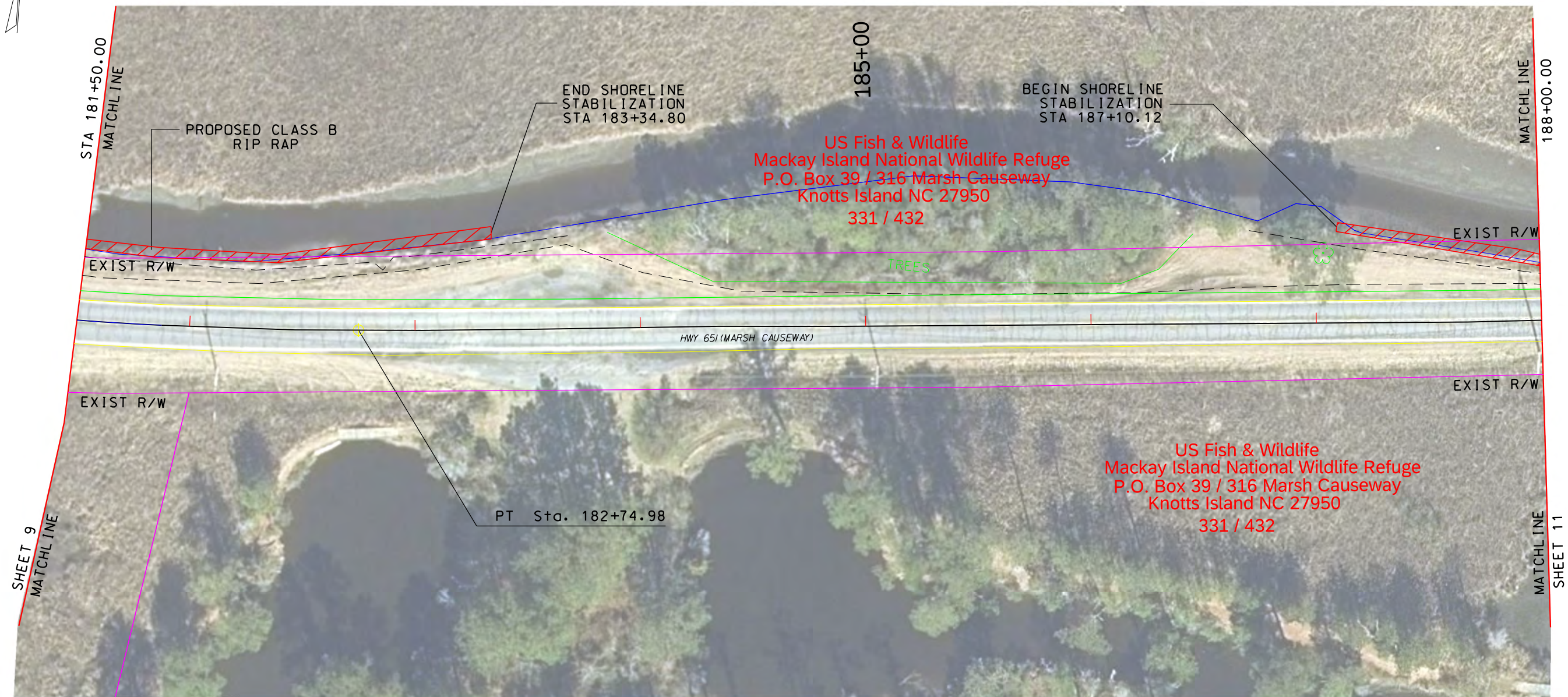
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
113 AIRPORT DR., SUITE 100
EDENTON, NC 27932 (252) 482-1850



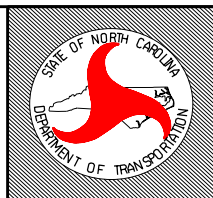
Cross Section A

COUNTY: CURRITUCK	WBS#: 50804.1.1
QUAD: KNOTTS ISLAND	DATE: MARCH 18, 2024
BASIN: PASQUOTANK	SHEET #: 9
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	700 L.F.
OPEN WATER IMPACT:	2,929 SQ. FT.
FILL QTY:	70 C.Y.
RIP RAP AREA:	3,440 SQ. FT.
RIP RAP QTY:	305 TONS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 1
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Cross Section A

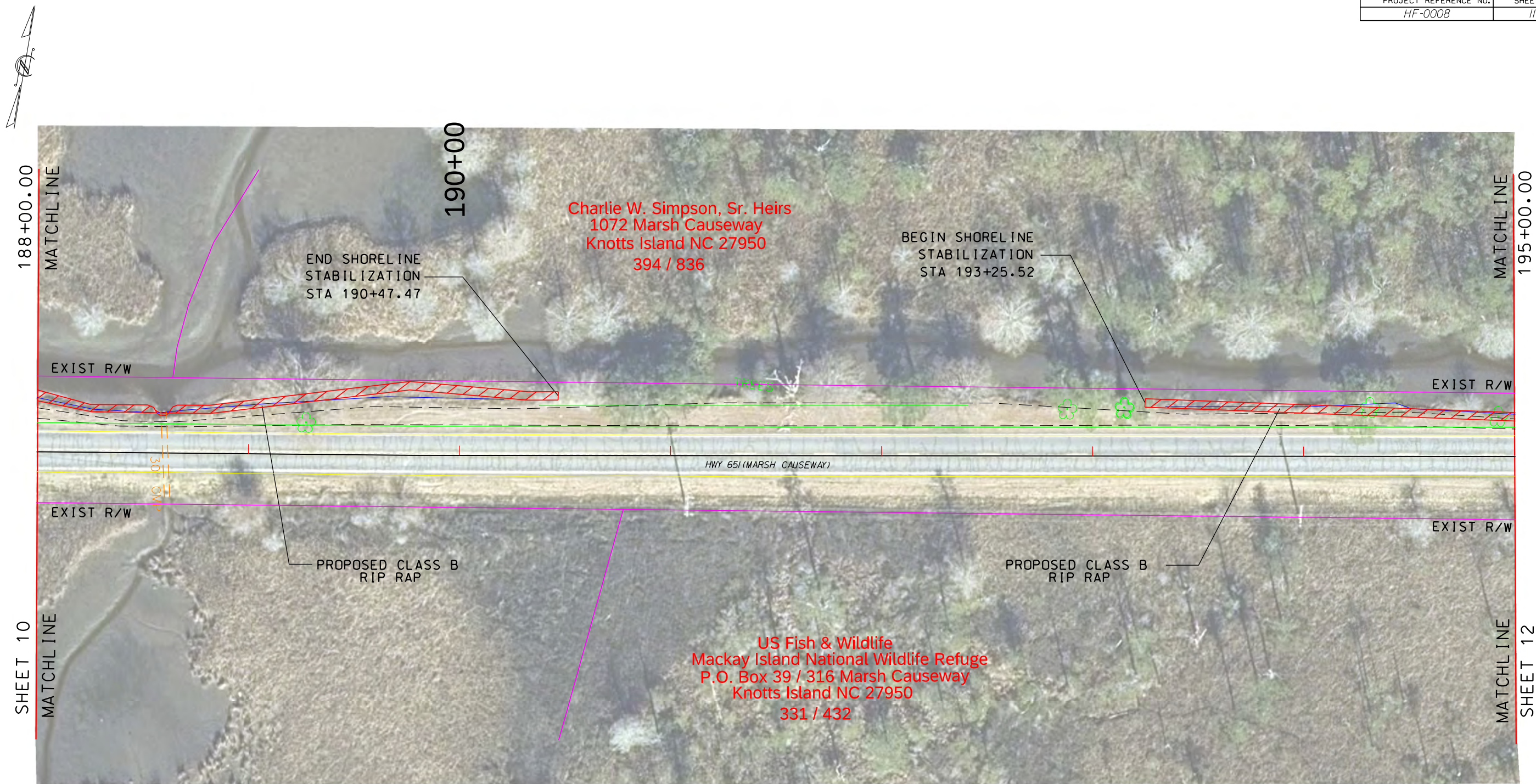
COUNTY: CURRITUCK WBS#: 50804.1.1
QUAD: KNOTTS ISLAND DATE: MARCH 18, 2024
BASIN: PASQUOTANK SHEET #: 10

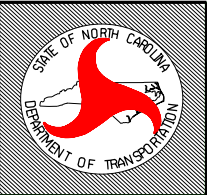
NC 615 SHORELINE STABILIZATION

LAT. = 36.539466 N LONG. = 75.992612 W

D.H. STALLINGS SCALE: 1" = 50 Ft

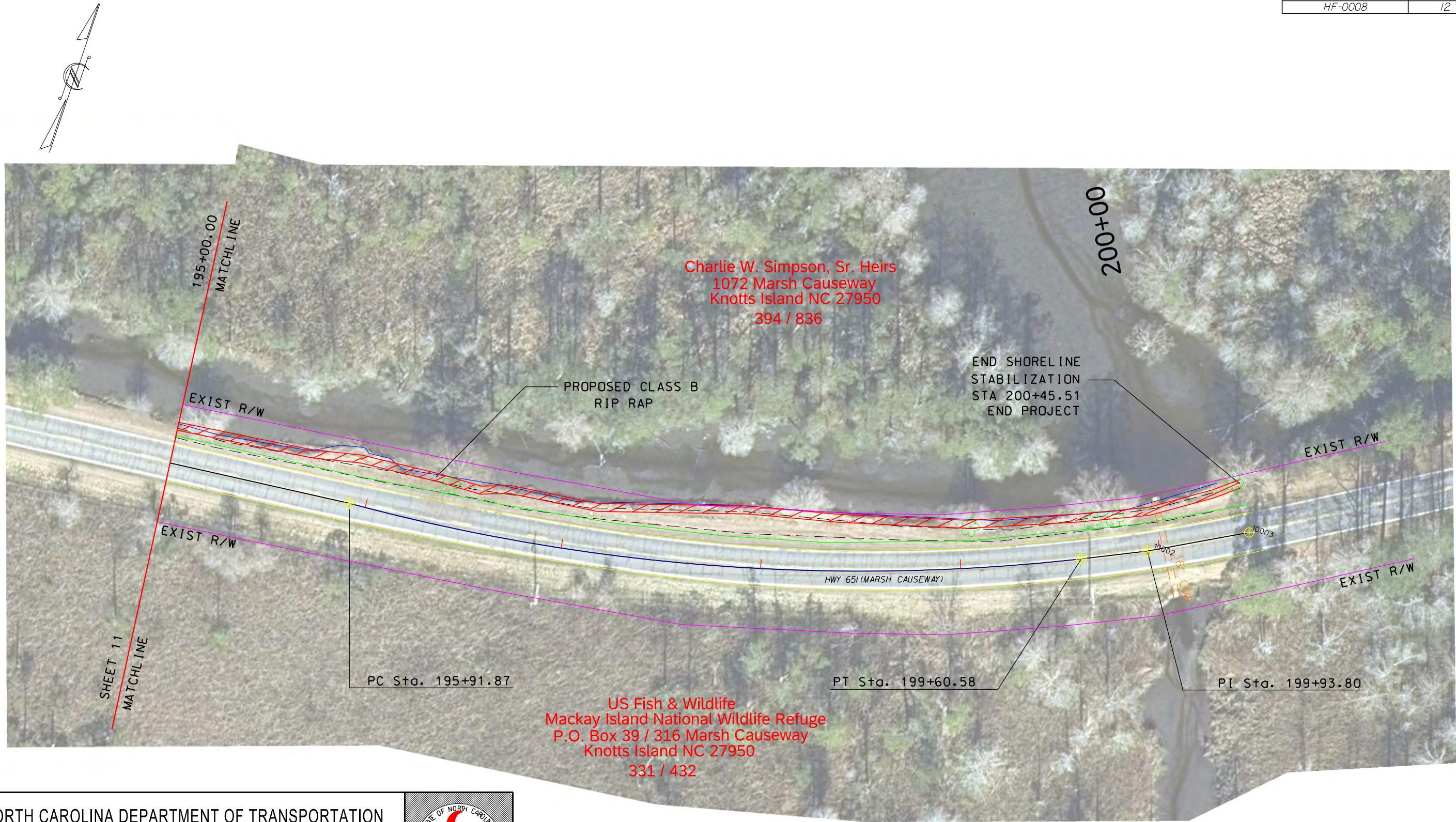
WETLAND IMPACTS: 0 SQ. FT.
SHORELINE STABILIZATION: 275 L.F.
OPEN WATER IMPACT: 1,035 SQ. FT.
FILL QTY: 28 C.Y.
RIP RAP AREA: 1,283 SQ. FT.
RIP RAP QTY: 120 TONS



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR., SUITE 100 EDENTON, NC 27932 (252) 482-1850	
	
COUNTY: CURRITUCK WBS#: 50804.1.1 QUAD: KNOTTS ISLAND DATE: MARCH 18, 2024 BASIN: PASQUOTANK SHEET #: 11	
NC 615 SHORELINE STABILIZATION	
LAT. = 36.539466 N	LONG. = 75.992612 W
D.H. STALLINGS	SCALE: 1" = 50 Ft

Cross Section A

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	422 L.F.
OPEN WATER IMPACT:	984 SQ. FT.
FILL QTY:	42 C.Y.
RIP RAP AREA:	1,688 SQ. FT.
RIP RAP QTY:	185 TONS



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DIVISION 1
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COUNTY: CURRITUCK		WBS#: 50804.1.1
QUAD: KNOTTS ISLAND		DATE: MARCH 18, 2024
BASIN: PASQUOTANK		SHEET #: 12
NC 615 SHORELINE STABILIZATION		
LAT. = 36.539466 N	LONG. = 75.992612 W	
D.H. STALLINGS	SCALE: 1" = 50 Ft	

Cross Section A

WETLAND IMPACTS:	0 SQ. FT.
SHORELINE STABILIZATION:	546 L.F.
OPEN WATER IMPACT:	197 SQ. FT.
FILL QTY:	55 C.Y.
RIP RAP AREA:	2,184 SQ. FT.
RIP RAP QTY:	240 TONS

Revised

3/5/2025

PROPOSED NC 615 KNOTTS ISLAND CAUSEWAY
PERMIT DRAWINGS

PLAN SHEET SUMMARY

PLAN SHEET #	SHORELINE STABILIZATION	WETLAND IMPACTS (** - TEMPORARY)	OPEN WATER IMPACTS	RIP RAP AREA	FILL QUANTITY	RIP RAP QUANTITY
3	592 L.F.	0	1,494 SQ FT	3,467 SQ FT	60 C. Y.	260 TONS
4	700 L.F.	0	2,059 SQ FT	4,156 SQ FT	70 C. Y.	305 TONS
5	700 L.F.	0	1,351 SQ FT	4,116 SQ FT	70 C. Y.	310 TONS
6	700 L.F.	794 SQ FT	37 SQ FT	2,800 SQ FT	70 C. Y.	310 TONS
7	427 L.F.	671 SQ FT +48 SQ FT ***	0 SQ FT	1,708 SQ FT	43 C. Y.	185 TONS
* 7-A	93 L.F.	932 SQ FT **	676 SQ FT	676 SQ FT	10 C. Y.	40 TONS
* 7-B	160 L.F.	2,903 SQ FT **	1,749 SQ FT	1,749 SQ FT	16 C. Y.	70 TONS
* 8	704 L.F.	0	1,920 SQ FT	3,380 SQ FT	71 C. Y.	310 TONS
* 9	700 L.F.	0	2,929 SQ FT	3,440 SQ FT	70 C. Y.	305 TONS
* 10	275 L.F.	0	1,035 SQ FT	1,283 SQ FT	28 C. Y.	120 TONS
* 11	422 L.F.	0	984 SQ FT	1,688 SQ FT	42 C. Y.	185 TONS
* 12	546 L.F.	0	197 SQ FT	2,184 SQ FT	55 C. Y.	240 TONS
TOTALS:	6,019 L.F.	5,348 SQ FT**	14,431 SQ FT	30,647 SQ FT	605 C. Y.	2,640 TONS

* NOTE: SHEETS 7A, 7B, & SHEETS 8-12 WERE PREVIOUSLY AUTHORIZED UNDER CAMA PERMIT NO. 14-20,
CORPS ACTION ID SAW-2019-02404 & NCDWR PROJECT NO. 20200064

** NOTE: TEMPORARY WETLAND IMPACTS

*** NOTE: 404 WETLAND IMPACTS