

Type I or II Categorical Exclusion Action Classification Form

STIP Project No.	HB-0001A
WBS Element	49472.1.2
Federal Project No.	4947532

A. Project Description:

The North Carolina Department of Transportation (NCDOT) proposes to install three 1.25" diameter conduits containing broadband fiber optic cable and associated information technology services (ITS) improvements in the right-of-way of the 141-mile U.S. 64 corridor from the I-95 interchange in Rocky Mount to the U.S. 158/NC 12 intersection at Whalebone Junction in Nags Head, North Carolina (TIP No. HB-0001A). The project spans across Nash, Edgecombe, Martin, Washington, Tyrrell, and Dare Counties.

B. Description of Need and Purpose:

The project purpose is to install fiber optic cable to enable the utilization of various ITS mechanisms throughout the proposed corridor, resulting in improved efficiency and safety metrics. The identified needs include:

- enhance mobility and safety along U.S. 64 when severe crashes occur, or hurricane evacuation is needed
- maximize innovation opportunities by allowing the private sector to have access to the trunk line
- provide high speed internet access opportunities to underserved communities, thereby closing the internet service gap between urban and rural households along the U.S. 64 corridor
- allow for the future integration of connected and autonomous vehicles.

C. Categorical Exclusion Action Classification:

Type I(A) - Ground Disturbing Action

D. Proposed Improvements:

2) Approval of all utility installations along or across a transportation facility.

21) Deployment of electronics, photonics, communications, or information processing used singly or in combination, or as components of a fully integrated system, to improve the efficiency or safety of a surface transportation system or to enhance security or passenger convenience. Examples include, but are not limited to ... dynamic message signs, and security equipment including surveillance and detection cameras on roadways and in transit facilities and on buses.

22) Projects, as defined in 23 U.S.C. 101, which would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way.

E. Special Project Information:

Funding

The project will use federal funds via a US Department of Transportation (USDOT) Multimodal Project Discretionary Grant (MPDG). Traffic control requirements will be minimal due to the proposed installation location of the broadband fiber entirely within the existing U.S. 64 shoulder (within existing right-of-way).

Tribal Coordination

Project notifications and requests for comment were sent to the Catawba Indian Nation and Tuscarora Nation on June 20, 2024. The Catawba Indian Nation provided a response in a letter dated July 29, 2024, and stated that they have no immediate concerns regarding traditional cultural properties, sacred sites, or Native American archaeological sites within the boundaries of the proposed project area. However, the Catawba Indian Nation requested to be notified if Native American artifacts and/or human remains are located during the ground disturbance phase of this project. No response was received from the Tuscarora Nation.

F. Project Impact Criteria Checklists:

F2. Ground Disturbing Actions – Type I (Appendix A) & Type II (Appendix B)				
Proposed improvement(s) that fit Type I Actions (NCDOT-FHWA CE Programmatic Agreement, Appendix A) including 2, 3, 6, 7, 9, 12, 18, 21, 22 (ground disturbing), 23, 24, 25, 26, 27, 28, &/or 30; &/or Type II Actions (NCDOT-FHWA CE Programmatic Agreement, Appendix B) answer the project impact threshold questions (below) and questions 8 – 31. <i>If any question 1-7 is checked "Yes" then NCDOT certification for FHWA approval is required.</i> <i>If any question 8-31 is checked "Yes" then additional information will be required for those questions in Section G.</i>				
<u>PROJECT IMPACT THRESHOLDS</u> (FHWA signature required if any of the questions 1-7 are marked "Yes".)			Yes	No
1	Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?	☐	☒	
2	Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGEPA)?	☐	☒	
3	Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?	☐	☒	
4	Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?	☐	☒	
5	Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?	☐	☒	
6	Does the project require an Individual Section 4(f) approval?	☐	☒	
7	Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?	☐	☒	
If any question 8-31 is checked "Yes" then additional information will be required for those questions in Section G.				
<u>Other Considerations</u>			Yes	No
8	Is an Endangered Species Act (ESA) determination unresolved or is the project covered by a Programmatic Agreement under Section 7?	☒	☐	
9	Is the project located in anadromous fish spawning waters?	☒	☐	
10	Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?	☒	☐	
11	Does the project impact Waters of the United States in any of the designated mountain trout streams?	☐	☒	
12	Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?	☐	☒	
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?	☐	☒	

<u>Other Considerations for Type I and II Ground Disturbing Actions (continued)</u>		Yes	No
14	Does the project include a Section 106 of the National Historic Preservation Act (NHPA) effects determination other than a No Effect, including archaeological remains?	☒	☐
15	Does the project involve GeoEnvironmental Sites of Concerns such as gas stations, dry cleaners, landfills, etc.?	☒	☐
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?	☐	☒
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?	☐	☒
18	Does the project require a U.S. Coast Guard (USCG) permit?	☐	☒
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?	☐	☒
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources?	☐	☒
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?	☐	☒
22	Does the project involve any changes in access control or the modification or construction of an interchange on an interstate?	☐	☒
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?	☐	☒
24	Will maintenance of traffic cause substantial disruption?	☐	☒
25	Is the project inconsistent with the STIP, and where applicable, the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP)?	☐	☒
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), Tribal Lands, or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?	☐	☒
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?	☐	☒
28	Does the project include a <i>de minimis</i> or programmatic Section 4(f)?	☐	☒
29	Is the project considered a Type I under the NCDOT Noise Policy?	☐	☒
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?	☐	☒
31	Are there other issues that arose during the project development process that affected the project decision?	☐	☒

G. Additional Documentation as Required from Section F (ONLY for questions marked 'Yes'):

Response to Question 8 – Section 7 – Programmatic Agreement

Northern Long-eared Bat

The USFWS has issued a Programmatic Biological Opinion (PBO) in conjunction with the Federal Highway Administration (FHWA), USACE, and NCDOT for the Northern Long-eared Bat (NLEB) (*Myotis septentrionalis*) in eastern North Carolina. The PBO covers the entire NCDOT program in Divisions 1-8, including all NCDOT projects and activities. Although this programmatic covers Divisions 1-8, The USFWS only considers NLEBs to be known or potentially found in 30 counties within Divisions 1-8. NCDOT, FHWA, and USACE have agreed to two conservation measures which will avoid/minimize mortality of NLEBs. These conservation measures only apply to the 30 current known/potential counties shown on Figure 2 of the PBO at this time, which includes Martin, Washington, Tyrrell, and Dare Counties, which this project traverses. The programmatic determination for NLEB for the NCDOT program is **May Affect, Likely to Adversely Affect**. The PBO will ensure compliance with Section 7 of the Endangered Species Act for ten years (effective through December 31, 2030) for all NCDOT projects with a federal nexus in Divisions 1-8, which includes Nash, Edgecombe, Martin, Washington, Tyrrell, and Dare Counties, where HB-0001A is located.

Bat structure assessments are being completed as part of this project. Results of those assessments will be provided under separate cover.

Tricolored Bat

The USFWS has issued a Programmatic Conference Opinion (PCO) in conjunction with the FHWA, USACE, and NCDOT for the Tricolored Bat (TCB) (*Perimyotis subflavus*) in eastern North Carolina. The PCO covers the entire NCDOT program in Divisions 1-8, including all NCDOT projects and activities. NCDOT, FHWA, and USACE have agreed to three conservation measures (listed in the PCO) which will avoid/minimize take to TCBs. These conservation measures apply to all counties in Divisions 1-8. The programmatic determination for TCB for the NCDOT program is **May Affect, Likely to Adversely Affect**. Once the TCB is officially listed, the PCO will become the PBO by formal request from FHWA and USACE. The PBO will ensure compliance with Section 7 of the Endangered Species Act for approximately five years (effective through December 31, 2028) for all NCDOT projects with a federal nexus in Divisions 1-8, which includes Nash, Edgecombe, Martin, Washington, Tyrrell, and Dare Counties, where HB-0001A is located.

Bat structure assessments are being completed as part of this project. Results of those assessments will be provided under separate cover.

Response to Question 9 – Anadromous Fish Spawning Waters

The North Carolina Wildlife Resources Commission (NCWRC) has identified the Tar River, Sweetwater Creek, Gardner Creek, and Welch Creek within the study area as Anadromous Fish Spawning Areas (AFSA). The North Carolina Marine Fisheries Commission (MFC) has identified the Scuppernong River and Alligator River as AFSAs. No MFC-designated Primary Nursing Areas are located within the study area. In these areas impacts will be minimized with the use of directional bore or attachment to the existing spanning structures. No in-water work is anticipated at these crossings.

Response to Question 10 –Outstanding Resource Water, High Quality Water, 303(d) Water Bodies, SAV, Buffer Rules

Outstanding Resource Water (ORW) and High Quality Water (HQW)

Five features have been designated as either an ORW or HQW within, or within 1.0 mile downstream of the project study area. The project crosses one HQW stream (Alligator River), three ORW streams (Croatan Sound, Roanoke Sound, and Pond Island) and one additional ORW stream (Spencer Creek) is not crossed but falls within the project study area (PSA).

303(d) Listed Impaired Water Bodies

The project crosses eight 303(d) streams [Stony Creek (Boddies Millpond), Hendricks Creek, Ballahack Canal, Alligator River, Croatan Sound, Pond Island, Roanoke Sound, Kendrick Creek (Mackeys Creek)] and one 303(d) stream is not crossed but falls within the project study area (Spencer Creek). Kendrick Creek is listed as a 303(d) stream for turbidity. Design Standards in Sensitive Watersheds will be required for these crossings.

Submerged Aquatic Vegetation (SAV)

There are no Submerged Aquatic Vegetation (SAV) units in the PSA. There are several just outside of it in Croatan/Roanoke Sound. No impacts are anticipated to occur since the fiber is proposed to be attached to the existing structures.

Riparian Buffer Rules

Streamside riparian zones within the Tar-Pamlico River Basin portion of the study area are protected under provisions of the Tar-Pamlico River Basin Riparian Buffer Rules administered by NCDWR, as noted in the HB-0001A Natural Resources Technical Report. Potential impacts to protected stream buffers will be determined once a final alignment and design have been determined.

Essential Fish Habitat

The National Marine Fisheries Service (NMFS) has identified multiple features, including the Scuppernong River, Alligator River, Croatan Sound, and Roanoke Sound, as Essential Fish Habitat.

Impacts to all streams and crossings will be minimized with the use of directional bore or attachment to existing spanning structures.

Response to Question 14 – Section 106 - Historic Architecture and Archaeological Sites

A memo was received from the NC State Historic Preservation Office (SHPO) on August 9, 2024, detailing their findings related to cultural resources within the project study area. This letter is included in the Appendix of this document.

Historic Architecture

As proposed, the project will have **No Adverse Effect** to the National Register-eligible Homestead Farm (WH0454) and to the Study-listed Ballahack Canal (ED2155), Jamesville Residential Historic District (MT0189), and the William Matthew Johnson House (WH0082).

Archaeology – (Note - Since an archaeological survey has not been conducted yet in response to SHPO's recommendation, there is not an effects determination for archaeology.)

Four archaeological sites within the existing U.S. 64 right of way (31NS18, 31ED57, 31ED208, and 31ED214) were noted as having significant research potential. Dependent upon the methodology employed to install fiberoptic cables underneath the right of way, as well as the placement of construction easements along the route, these archaeological resources may be impacted. SHPO recommends that these four (4) sites be systematically surveyed prior to any ground disturbing activities to fully delineate their boundaries and assess them for National Register eligibility.

Additionally, there are several cemeteries adjacent to the U.S. 64 right of way including 31DR108, 31ED446, 31DR102, 31DR101, and 31TY54, in addition to the Hardy H. Bowser Cemetery and the Siloam United Methodist Church Cemetery. To prevent inadvertent damage to unmarked graves that may extend outside of the cemetery parcel, SHPO recommends avoiding ground disturbing activities within 100 feet (30.48 meters) of the cemetery parcels. Cemeteries are protected under North Carolina General Statutes (NCGS) Chapter 14-148 and 14-149 and are afforded consideration under Chapter 65. If unmarked human skeletal remains are encountered during construction, the provisions of North Carolina General Statute Chapter 70, Article 3 apply. Construction activities should immediately cease, and the county medical examiner should be contacted. To ensure that the proposed project will be consistent with NCGS Chapter 65, SHPO requests that final project designs showing the 100-ft buffer and a description of measures that will be taken to ensure the cemetery will not be subject to ground disturbance during construction. If ground disturbing activities cannot be avoided within 100 feet (30.48 meters) of the cemetery parcel, SHPO recommends an archaeological investigation consisting of cemetery delineation techniques such as Ground Penetrating Radar. Depending on the results of the cemetery delineation, a smaller buffer may be warranted.

Response to Question 15 – Geoenvironmental Sites of Concern

Three geoenvironmental sites of concern were identified within the project study area. These sites are listed below. No impacts to these sites are anticipated due to the nature and scope of the project, however if they were to occur, coordination with the NCDOT GeoEnvironmental Section shall be conducted to further investigate these sites.

Facility Name	Facility ID	Facility Address	Facility Type
Plymouth Gas House	00-0-0000006732	280 Highway 64 West	Three (3) regulated storage tanks
Pines Elementary School	00-0-0000027968	3177 US Highway 64 East	One (1) nonregulated storage tank
Duck Thru Food Store 49	00-0-0000027968	22 US Highway 64 East	Six (6) regulated storage tanks

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

NCDOT PROJECT COMMITMENTS

STIP Project No. **HB-0001A**

Fiber Optic Installation along the US 64 Corridor

from the I-95 interchange in Rocky Mount to the

U.S. 158/NC 12 intersection in Nags Head

Nash, Edgecombe, Martin, Washington, Tyrrell, and Dare Counties

Federal Aid Project No. 4947532

WBS Element 49472.1.2

NCDOT Construction Staff – Protected Species and Water Quality

- To minimize impacts to aquatic federally protected species, NCDOT will either directionally bore under identified stream reaches (ISR) or attach the conduit to the structure over the waterbody. In the case of the directional bores, the bore sites will start at least 50-feet from the edge of each bank. Erosion control measures entailed in the NCDOT “Design Standards for Sensitive Watersheds” will be employed in these areas.
- For ISRs that will have the conduit attached to the structure, a vegetated buffer will be maintained between the area where the plowing transitions to the attachments to structure and the adjacent top of bank waterbody. Stringent erosion control measures consistent with the above-mentioned design standards will be employed at these sites.

NCDOT ECAP – Coastal Area Management Act (CAMA) Areas of Environmental Concern

- Washington, Dare, and Tyrrell Counties, where portions of the study area are located, are designated as coastal counties covered by the Coastal Area Management Act (CAMA). As noted in the HB-0001A Natural Resources Technical Report (September 2024), several CAMA Areas of Environmental Concern (AEC) were identified within the study area.
- Since in-field delineation of wetlands has not yet occurred as part of this project, coastal wetlands have not yet been identified. Once potential impacts to wetlands are determined (when a final alignment and design have been determined), the CAMA designations of affected wetlands will be determined in the field.
- Once impacts to wetlands have been determined, coordination with NC Division of Coastal Management (DCM) will occur to determine the permits required.

NCDOT Construction Staff - Cultural Resources – General

- No construction activities or staging should occur within any of the National Register of Historic Places (NRHP) boundaries or potential NRHP eligible tax parcels depicted in the HB-0001A historic architecture and archaeology screening memos.
- If any previously undocumented historic or archaeological resources are discovered while conducting the authorized work, activities in that area shall be suspended. NCDOT will initiate any required State/Federal coordination after a timely initial assessment. Should the initial resource assessment and agency coordination completed by NCDOT determine that additional NRHP evaluation and/or Section 106 mitigation is necessary, NCDOT shall conduct further evaluation and/or mitigation as appropriate. The inadvertent or accidental discovery of human remains shall be handled in accordance with North Carolina General Statutes 65 and 70.

NCDOT Construction Staff - Cultural Resources - Archaeology Sites

- Four archaeological sites within the existing U.S. 64 right of way (31NS18, 31ED57, 31ED208, and 31ED214) were noted as having significant research potential. Dependent upon the methodology employed to install fiberoptic cables underneath the right of way, as well as the placement of construction easements along the route, these archaeological resources may be impacted and additional consultation with the State Historic Preservation Office (SHPO) may be needed.
- As Design Plans are developed, consultation with the SHPO and the Office of State Archaeology (OSA) will be required in order to verify whether the archaeological sites/cemeteries noted in their memo of August 9, 2024, have been avoided and to confirm thereafter the need for an archaeological/GPR survey as initially recommended by SHPO/OSA.

NCDOT Construction Staff - Cultural Resources – Cemeteries

- There are 29 documented cemeteries adjacent to the U.S. 64 right of way including 31DR108, 31ED446, 31DR102, 31DR101, and 31TY54, in addition to the Hardy H. Bowser Cemetery and the Siloam United Methodist Church Cemetery.
- To prevent inadvertent damage to unmarked graves that may extend outside of the cemetery parcels, avoiding ground disturbing activities within 100 feet (30.48 meters) of the cemetery parcels is recommended.
- Cemeteries are protected under North Carolina General Statutes (NCGS) Chapter 14-148 and 14-149 and are afforded consideration under Chapter 65. If unmarked human skeletal remains are encountered during construction, the provisions of North Carolina General Statute Chapter 70, Article 3 apply. Construction activities should immediately cease, and the county medical examiner should be contacted.
- To ensure that the proposed project will be consistent with NCGS Chapter 65, SHPO requested that final project designs show the 100-ft buffer and include a description of measures that will be taken to ensure the cemeteries will not be subject to ground disturbance during construction. If ground disturbing activities cannot be avoided within 100 feet (30.48 meters) of a cemetery parcel, archaeological investigation consisting of cemetery delineation techniques such as Ground Penetrating Radar is recommended. Depending on the results of the cemetery delineation, a smaller buffer may be warranted.

NCDOT Construction Staff - Cultural Resources – Historic Architecture Sites

- As proposed, the project will have **No Adverse Effect** to the National Register-eligible Homestead Farm (WH0454) and to the Study-listed Ballahack Canal (ED2155), Jamesville Residential Historic District (MT0189), and the William Matthew Johnson House (WH0082).
- As Design Plans are developed, consultation with the SHPO will be required in order to verify whether the historic architectural sites noted in their memo of August 9, 2024, have been sufficiently avoided.
- Impacts to any potential National Register of Historic Places (NRHP) sites noted in the August 9, 2024, memo shall require coordination with SHPO and the Federal Highway Administration (FHWA) to determine the need for further evaluation to determine eligibility of the resource. If the site is determined eligible for the NRHP, consultation with SHPO and FHWA shall be necessary to determine the effects of the impacts to the site.

I. Categorical Exclusion Approval:

STIP Project No.	HB-0001A
WBS Element	49472.1.2
Federal Project No.	4947532

Prepared By:

9/25/2024

Date

DocuSigned by:

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Jackie Obediente, PE
Three Oaks Engineering

Prepared For and Accepted By:

9/26/2024

Date

DocuSigned by:

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John Conforti, REM
NCDOT Project Management Unit – Project Manager

Reviewed By:

9/26/2024

Date

DocuSigned by:

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Morgan Weatherford
Eastern Regional Team Lead – NCDOT Environmental Policy Unit

**Approved**

- If NO grey boxes are checked in Section F (pages 2 and 3), NCDOT approves the Type I or Type II Categorical Exclusion.

**Certified**

- If ANY grey boxes are checked in Section F (pages 2 and 3), NCDOT certifies the Type I or Type II Categorical Exclusion for FHWA approval.
- If classified as Type III Categorical Exclusion.

9/26/2024

Date

DocuSigned by:

CA084B4A6412432

John Jamison, PWS, CPM
Unit Head – NCDOT Environmental Policy Unit

FHWA Approved: For Projects Certified by NCDOT (above), FHWA signature required.

Date

for

N/A

Yolonda K. Jordan, Division Administrator
Federal Highway Administration

Note: Prior to ROW or Construction authorization, a consultation may be required (please see Section VII of the NCDOT-FHWA CE Programmatic Agreement for more details).



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

Office of Archives and History
Deputy Secretary, Darin J. Waters, Ph.D.

August 9, 2024

MEMORANDUM

TO: John Conforti jgconforti@ncdot.gov
North Carolina Department of Transportation
Project Management Unit

FROM: Ramona Bartos *RSB for Ramona M. Bartos*
State Historic Preservation Officer

SUBJECT: Install fiberoptics along US 64 from the I-95/US-64 interchange in Rocky Mount to the US-64/US158/NC12 intersection in Nags Head, Nash, Edgecombe, Martine, Washington, Tyrell, Dare, ER 24-1628

Thank you for your email of June 27, 2024, regarding the above-referenced undertaking. We have reviewed the submittal and offer the following comments.

The Office of State Archaeology reviewed their database of recorded archaeological sites within the existing U.S. 64 right of way. In total, there are forty-one archaeological sites classified as unassessed or without any recommendation for NRHP nomination. Of those, many were noted as having minimal research potential or they currently are documented as being underneath portions of the modern highway infrastructure.

Four archaeological sites within the existing U.S. 64 right of way (31NS18, 31ED57, 31ED208, and 31ED214) were noted as having significant research potential. Dependent upon the methodology employed to install fiberoptic cables underneath the right of way, as well as the placement of construction easements along the route, these archaeological resources may be impacted. We recommend that these four (4) sites be systematically surveyed prior to any ground disturbing activities to fully delineate their boundaries and assess them for National Register eligibility.

Additionally, there are several cemeteries adjacent to the U.S. 64 right of way including 31DR108, 31ED446, 31DR102, 31DR101, and 31TY54, in addition to the Hardy H. Bowser Cemetery and the Siloam United Methodist Church Cemetery. To prevent inadvertent damage to unmarked graves that may extend outside of the cemetery parcel, we recommend avoiding ground disturbing activities within 100 feet (30.48 meters) of the cemetery parcels.

Cemeteries are protected under North Carolina General Statutes (NCGS) Chapter 14-148 and 14-149 and are afforded consideration under Chapter 65. If unmarked human skeletal remains are encountered during construction, the provisions of North Carolina General Statute Chapter 70, Article 3 apply. Construction activities should immediately cease, and the county medical examiner should be contacted.

To ensure that the proposed project will be consistent with NCGS Chapter 65, we request final project designs showing the 100-ft buffer and a description of measures that will be taken to ensure the cemetery will not be subject to ground disturbance during construction.

If ground disturbing activities cannot be avoided within 100 feet (30.48 meters) of the cemetery parcel, we recommend an archaeological investigation consisting of cemetery delineation techniques such as Ground Penetrating Radar. Depending on the results of the cemetery delineation, a smaller buffer may be warranted.

The archaeological survey of the four sites listed above should be conducted by an experienced archaeologist that meets the *Secretary of the Interior's Professional Qualification Standards*. A list of archaeological consultants who have conducted or expressed an interest in contract work in North Carolina is available at <https://archaeology.dncr.nc.gov/archaeological-consultant-list>. The archaeologists listed, or any other experienced archaeologist, may be contacted to conduct the recommended survey.

Our office requests consultation with the Office of State Archaeology (OSA) Review Archaeologist to discuss the development of a Request for Proposals (RFP) and appropriate field methodologies prior to the archaeological field investigation. You can find the Review Archaeologist for your region at <https://archaeology.dncr.nc.gov/about/contact>. OSA's *Archaeological Standards and Guidelines for Background Research, Field Methodologies, Technical Reports, and Curation* (November 2023) can be found online at: <https://archaeology.ncdcr.gov/osa-guidelines/open>.

The resulting archaeological investigation report, as well as the appropriate site forms, should be forwarded to us for review and comment as soon as they are submitted by the consulting archaeologist. Please see our report and site form submission requirements below.

As of June 30, 2023, OSA is using Citrix ShareFile for archaeological consultants to submit digital archaeological reports and site files for Environmental Review. Consultants should review our [ShareFile User Guidelines](#) and submit a [ShareFile User Access Form](#) to Kim Urban (kimberly.urban@dncr.nc.gov) to obtain access to ShareFile if they have not already done so.

Additionally, the OSA has changed our Environmental Review report and site form submission requirements. We now require:

- One (1) digital copy of the archaeological survey report, to be sent through ShareFile.
- One (1) digital copy of each NC Site Form(s) with site map(s) for each site that was recorded as part of the archaeological investigation, to be sent through ShareFile. Please submit each site form as a separate document.
- Hard copies of reports will be requested by the OSA once we determine that no further changes to the report are needed. Concurrence letters will not be sent until after we receive the hard copy of the final archaeological survey report.

More information on our Environmental Review submission requirements can be found at: <https://archaeology.dncr.nc.gov/programs/environmental-review>.

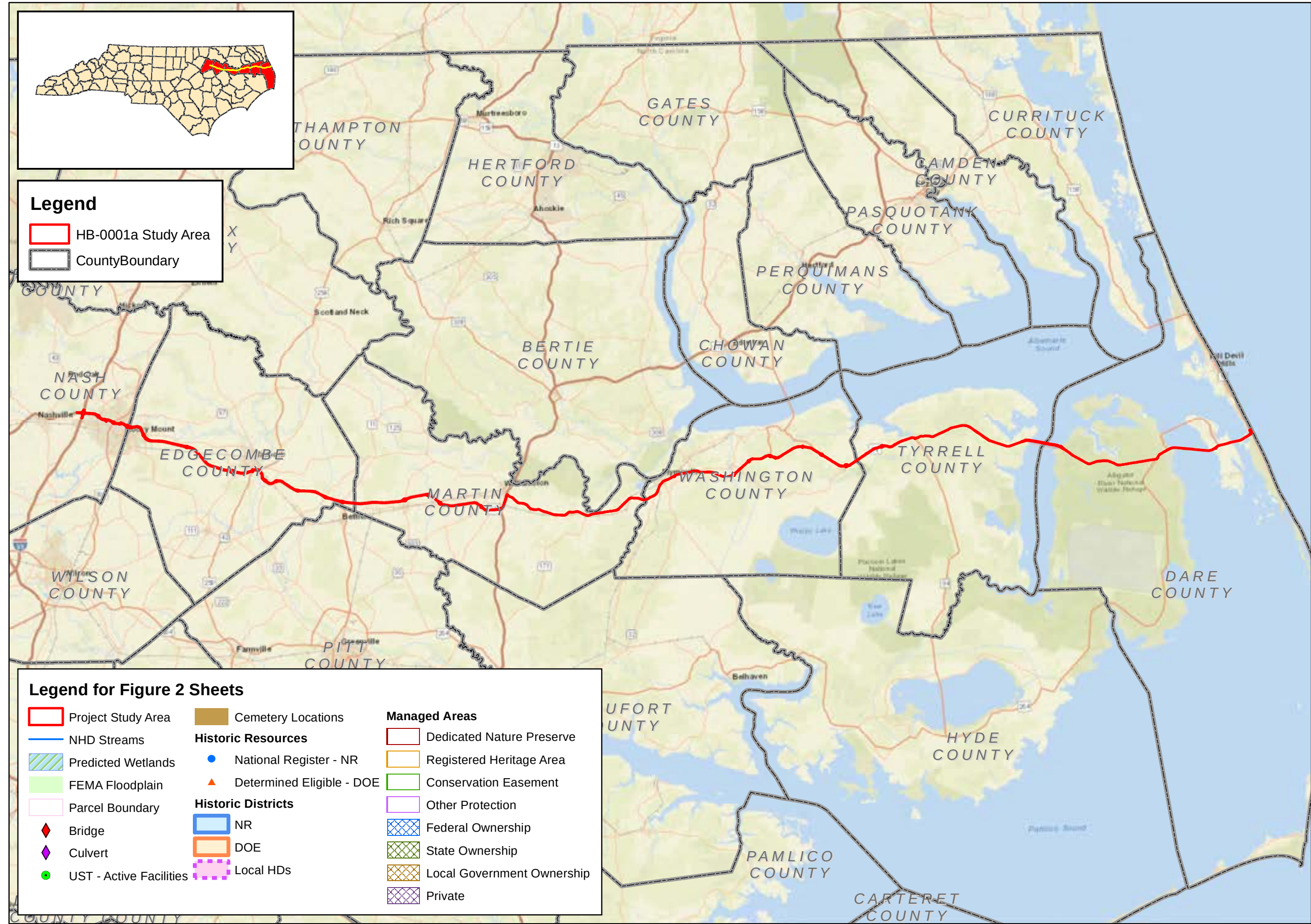
Following the review and acceptance of the archaeological investigation report and appropriate site forms, a letter will be provided for submission to the NC Department of Commerce Certified Site Program for final certification.

As proposed, the project will have no adverse effect to the National Register-eligible Homestead Farm (WH0454) and to the Study-listed Ballahack Canal (ED2155), Jamesville Residential Historic District (MT0189), and the William Matthew Johnson House (WH0082).

These comments are made in accord with G.S. 121-12(a) and Executive Order XVI. If you have questions regarding them, please contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

cc: Matt Wilkerson, NCDOT

mtwilkerson@ncdot.gov



NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

VICINITY MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Miles

By:
C ROWELLS

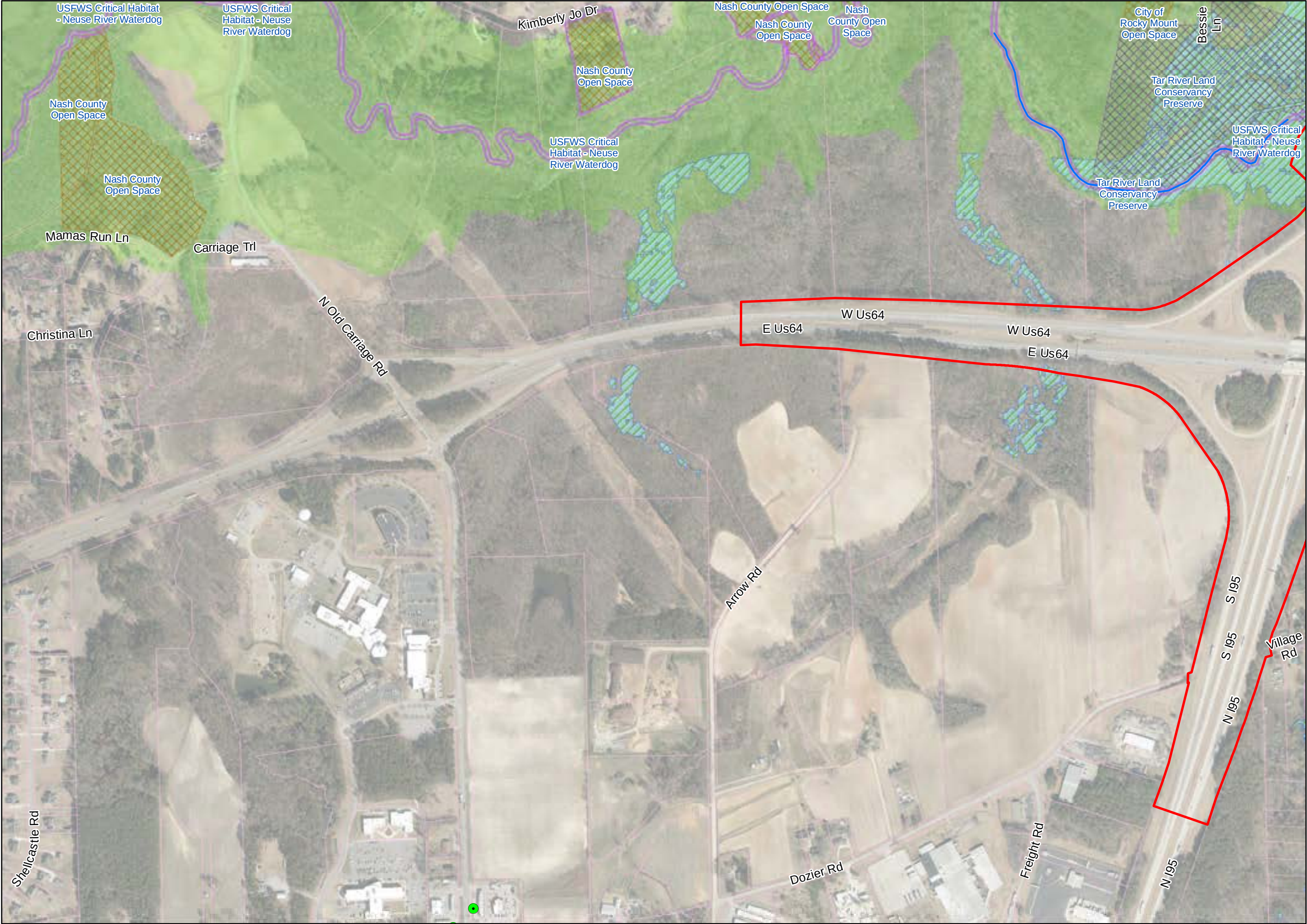
County:
Multiple

Div:
1 & 4

STIP#
HB-0001A

Date:
SEPTEMBER 2024

Figure
1



NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



0 300 600
Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

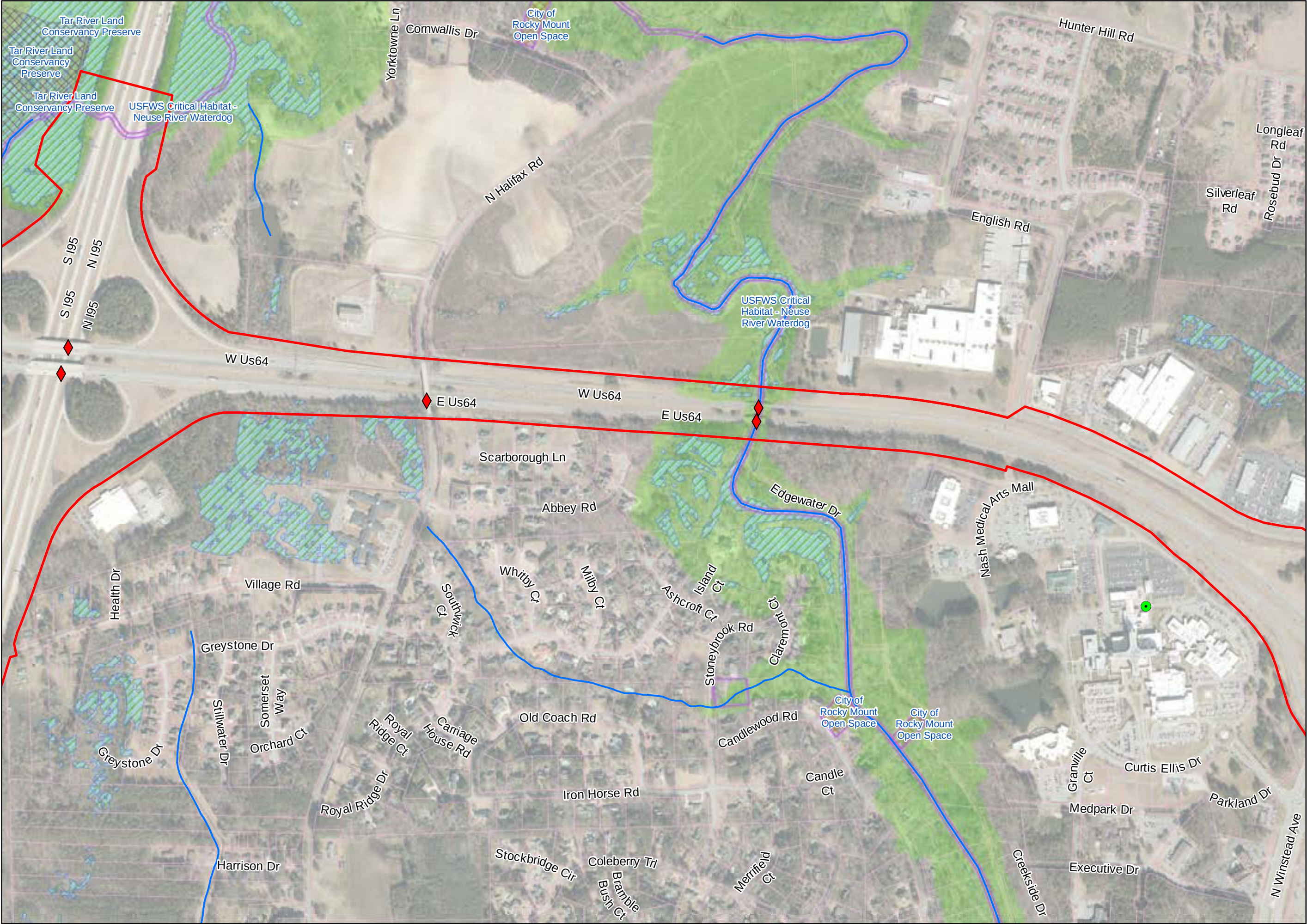
STIP#
HB-0001A

Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



0 300 600
Feet

By:
C ROWELLS

County:
Multiple

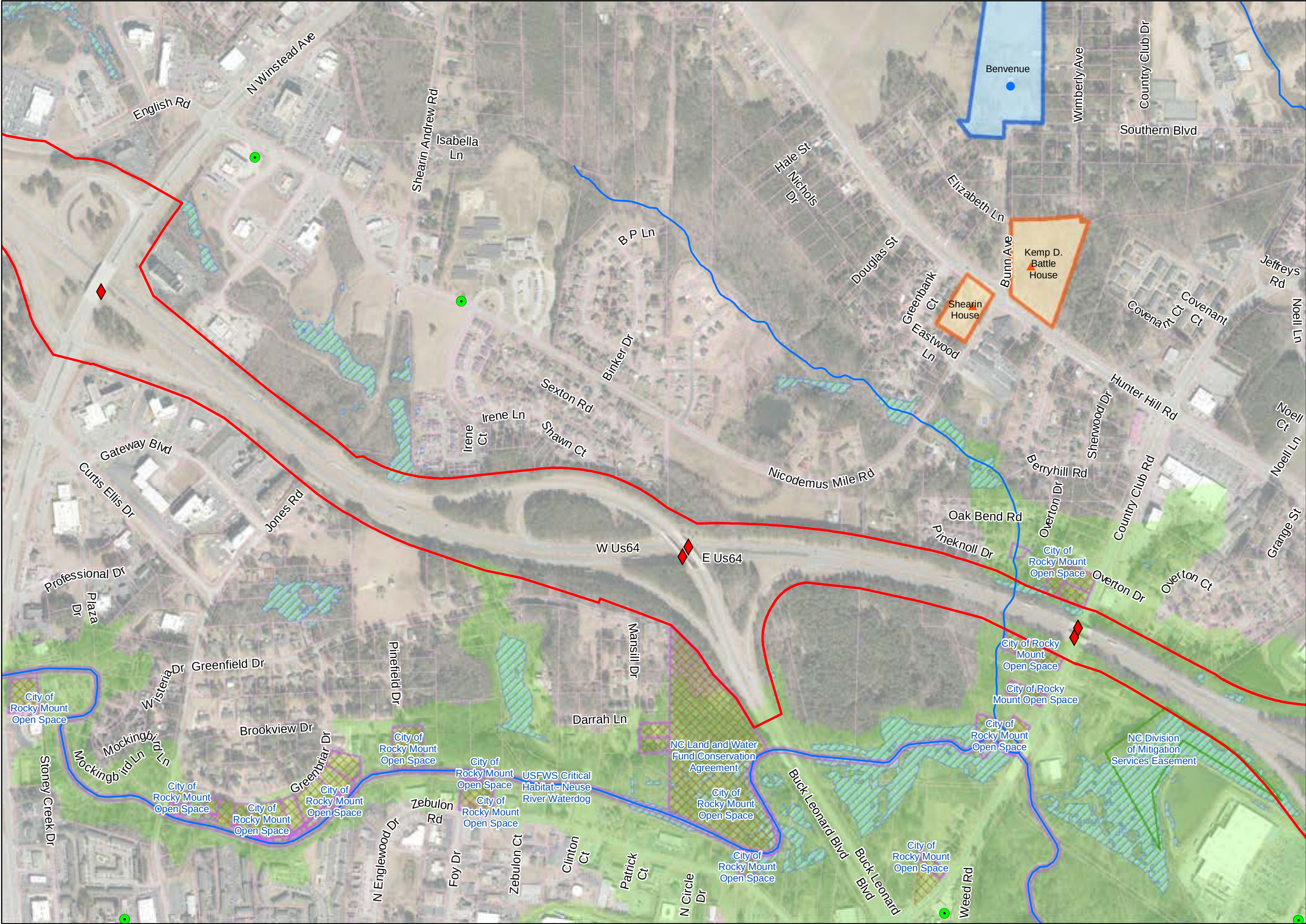
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



0 300 600
Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

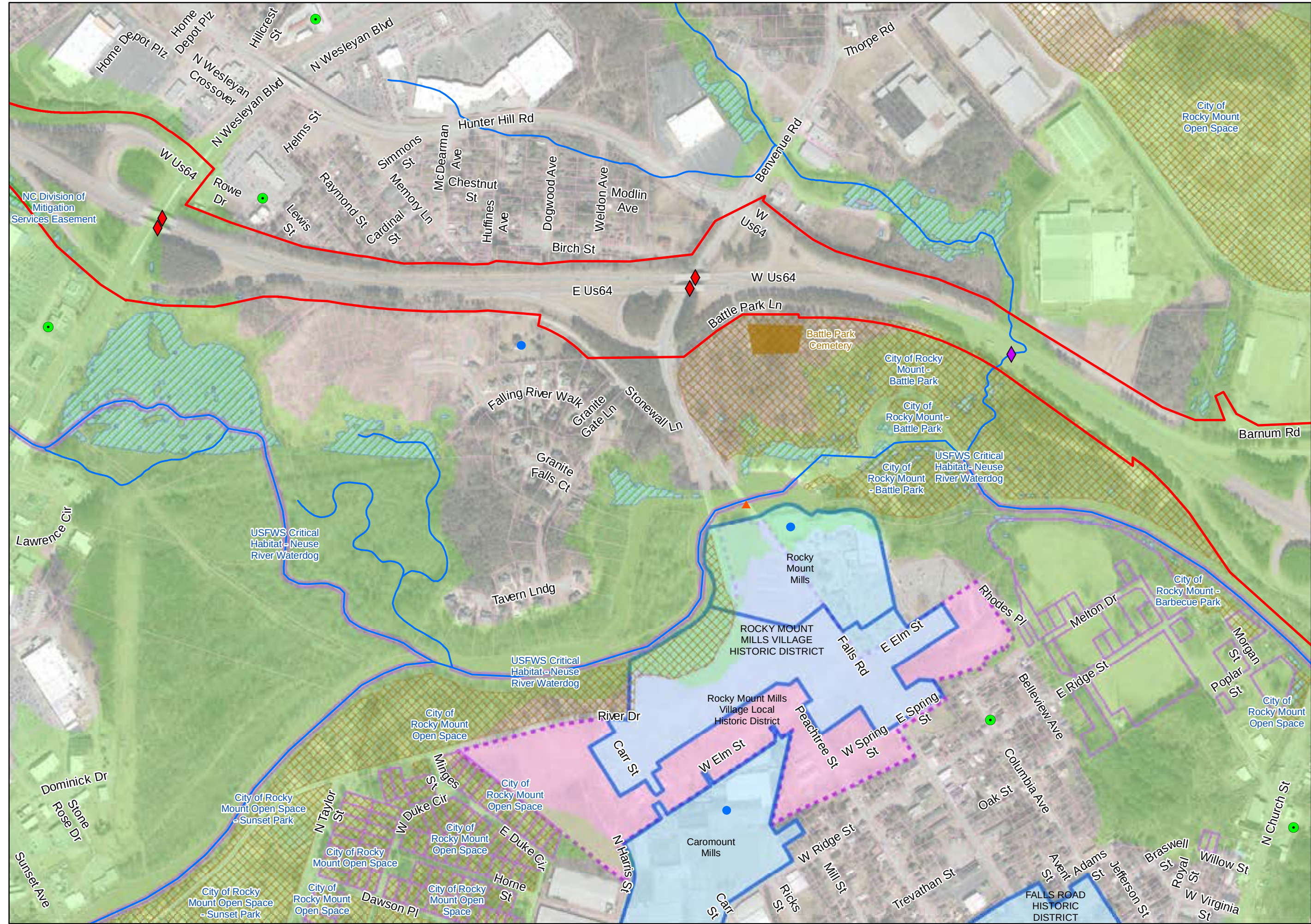
STIP#
HB-0001A

Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



0 300 600
Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

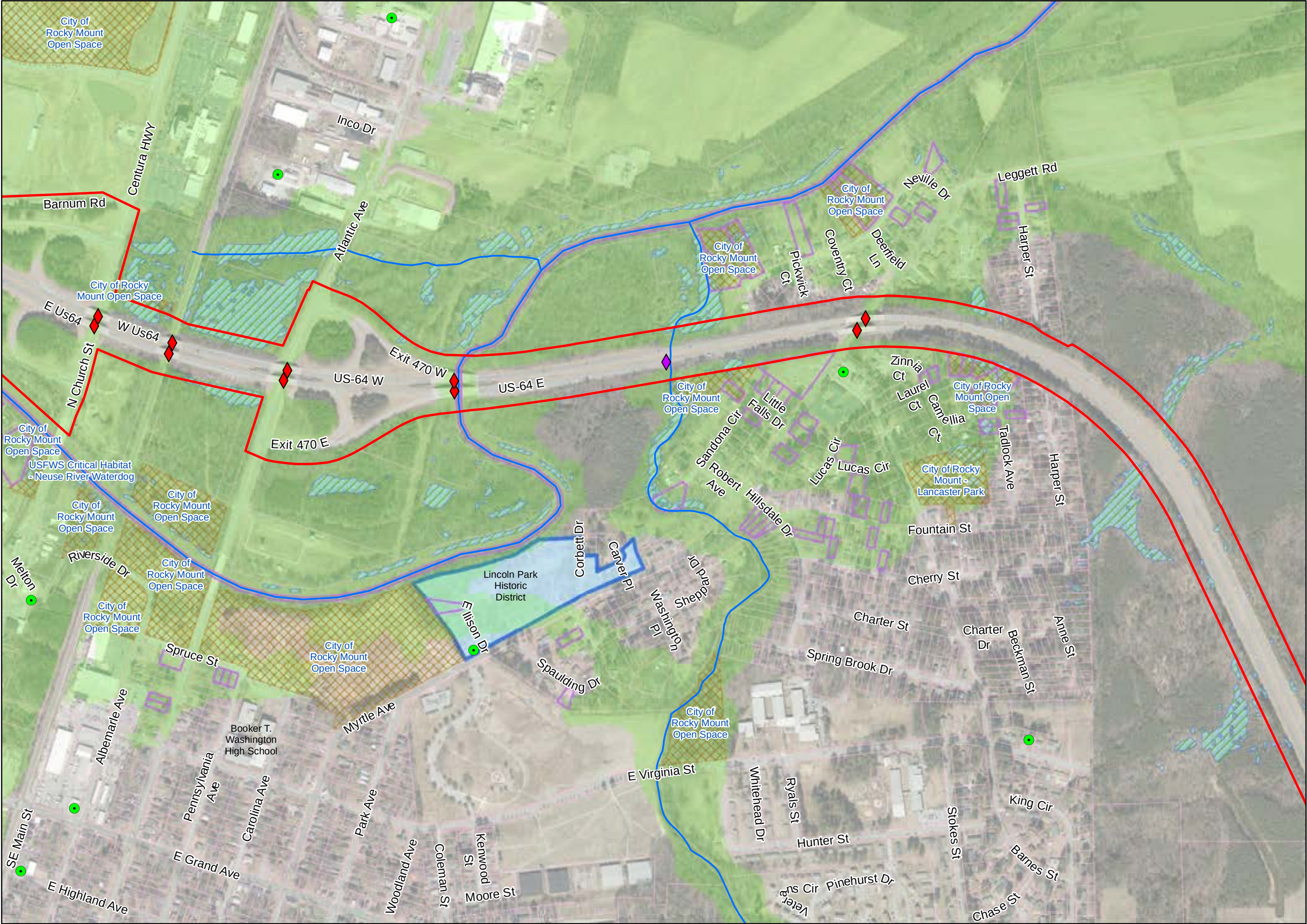
STIP#
HB-0001A

Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

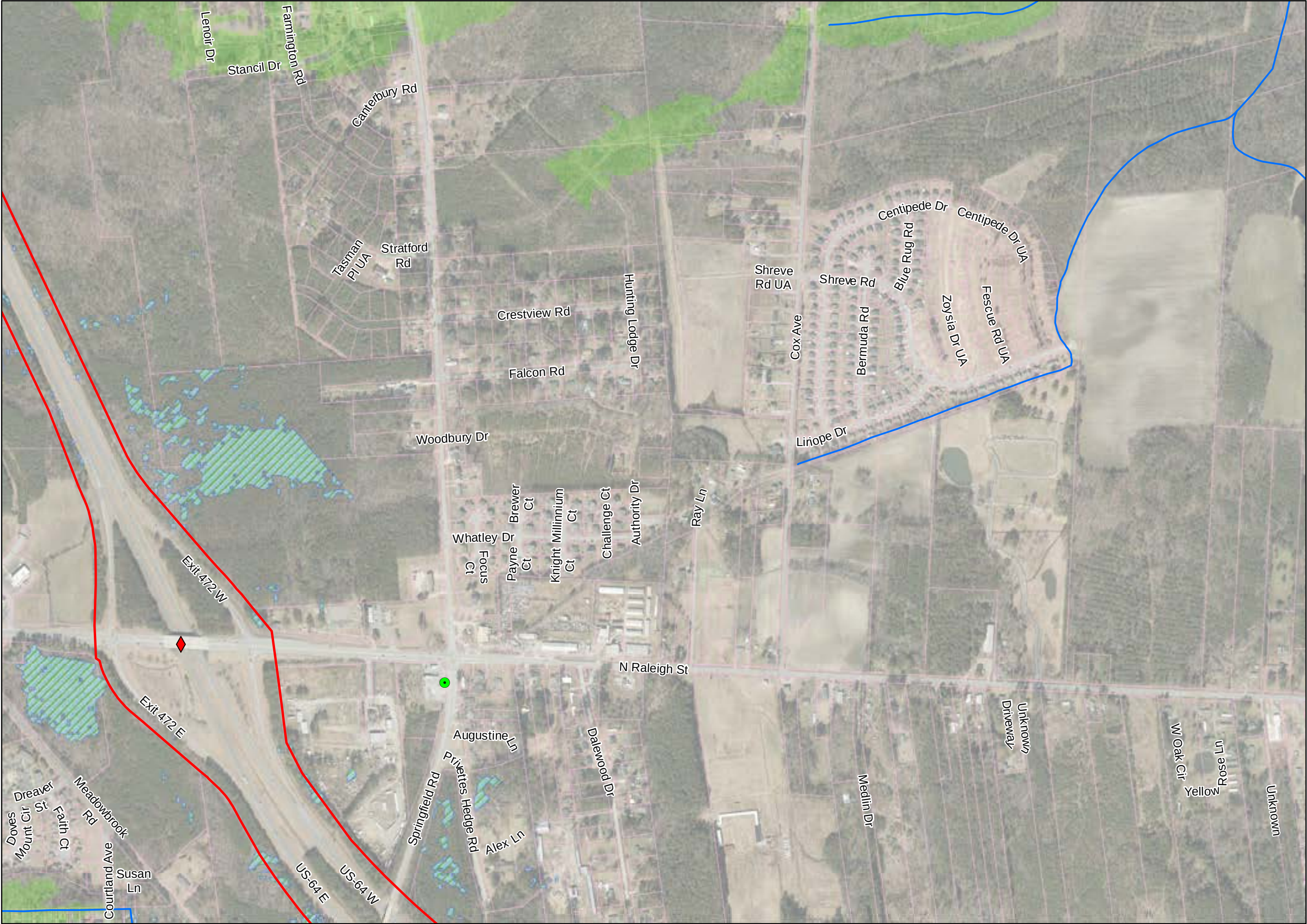
STIP#
HB-0001A

Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
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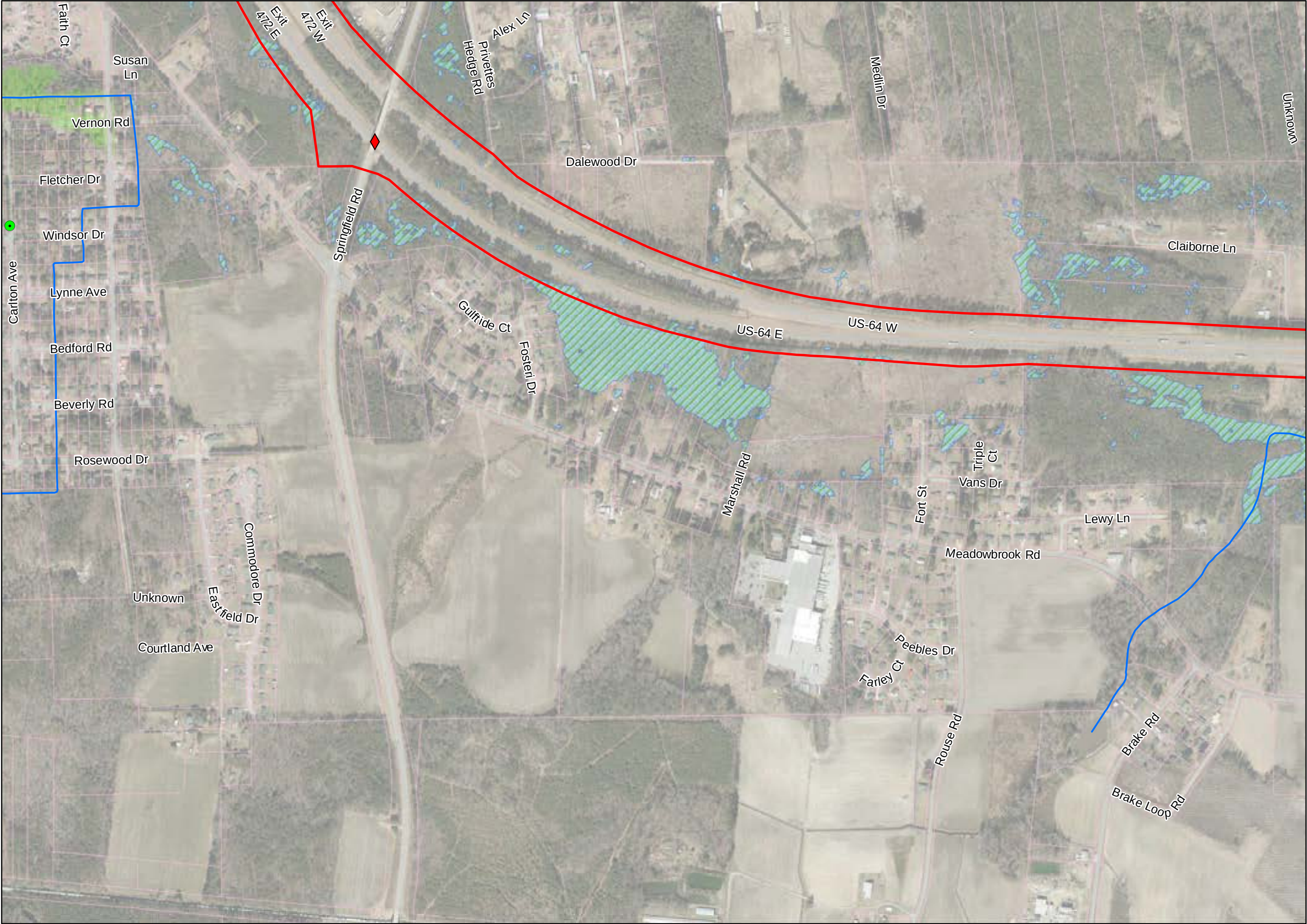
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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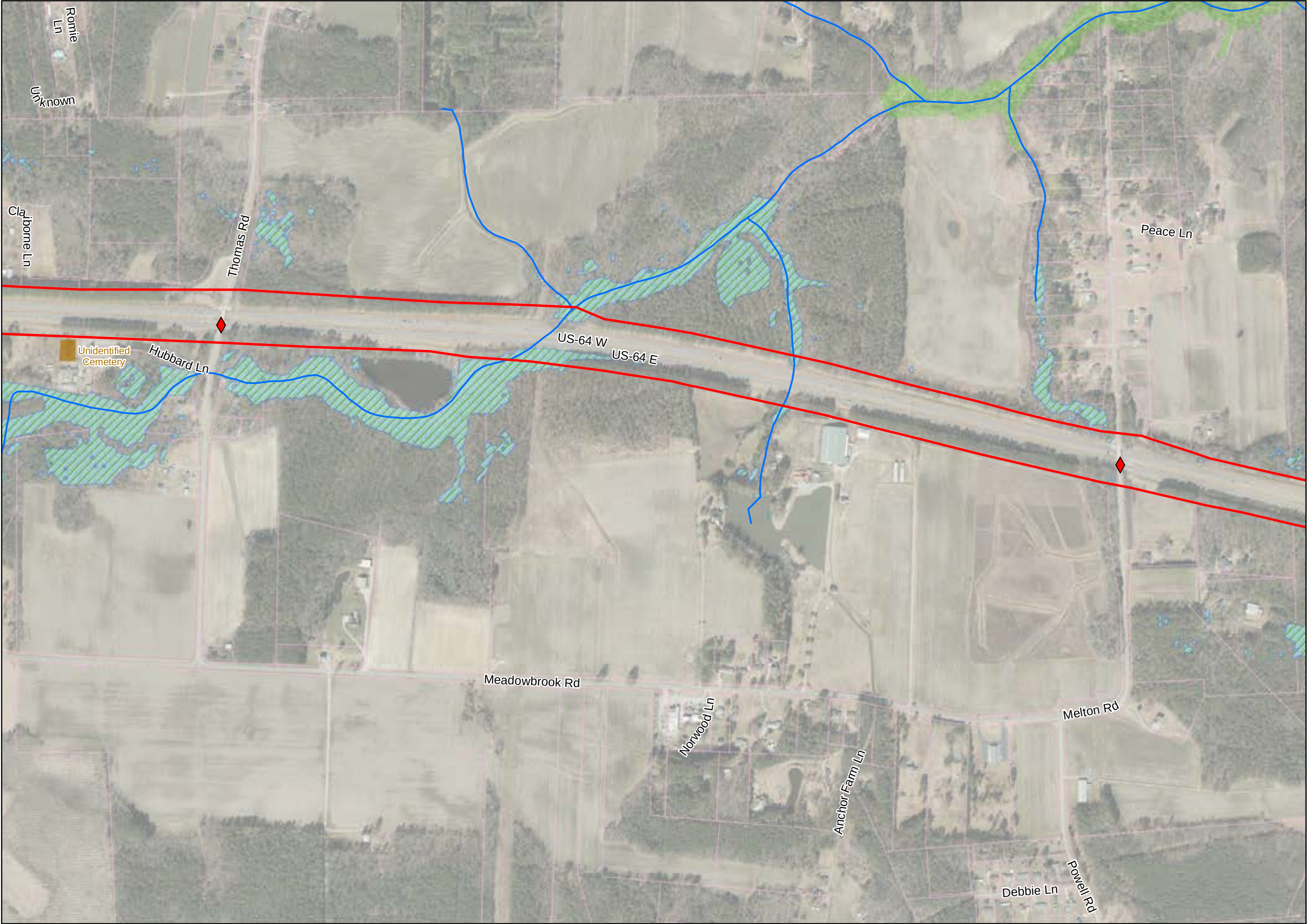
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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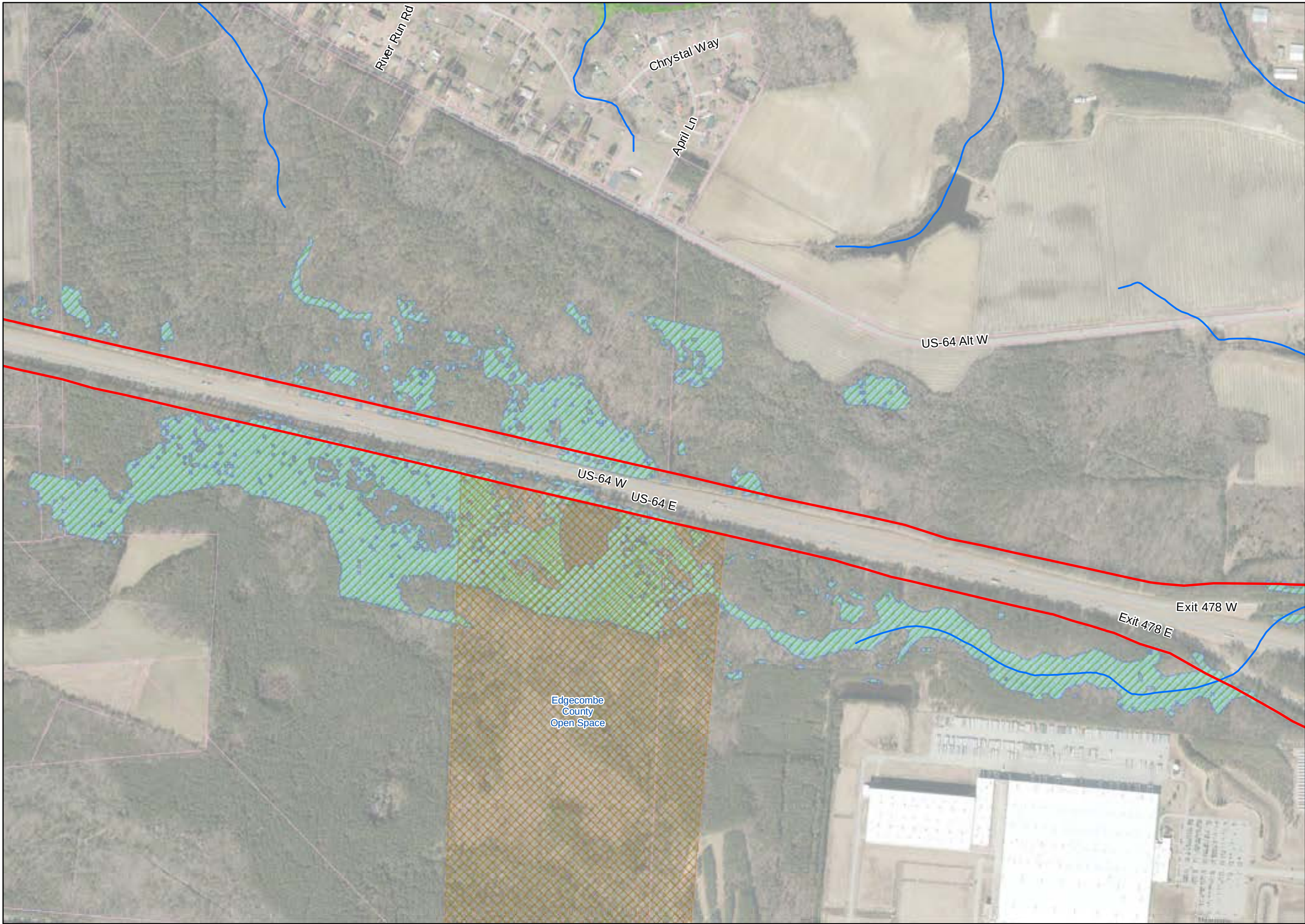
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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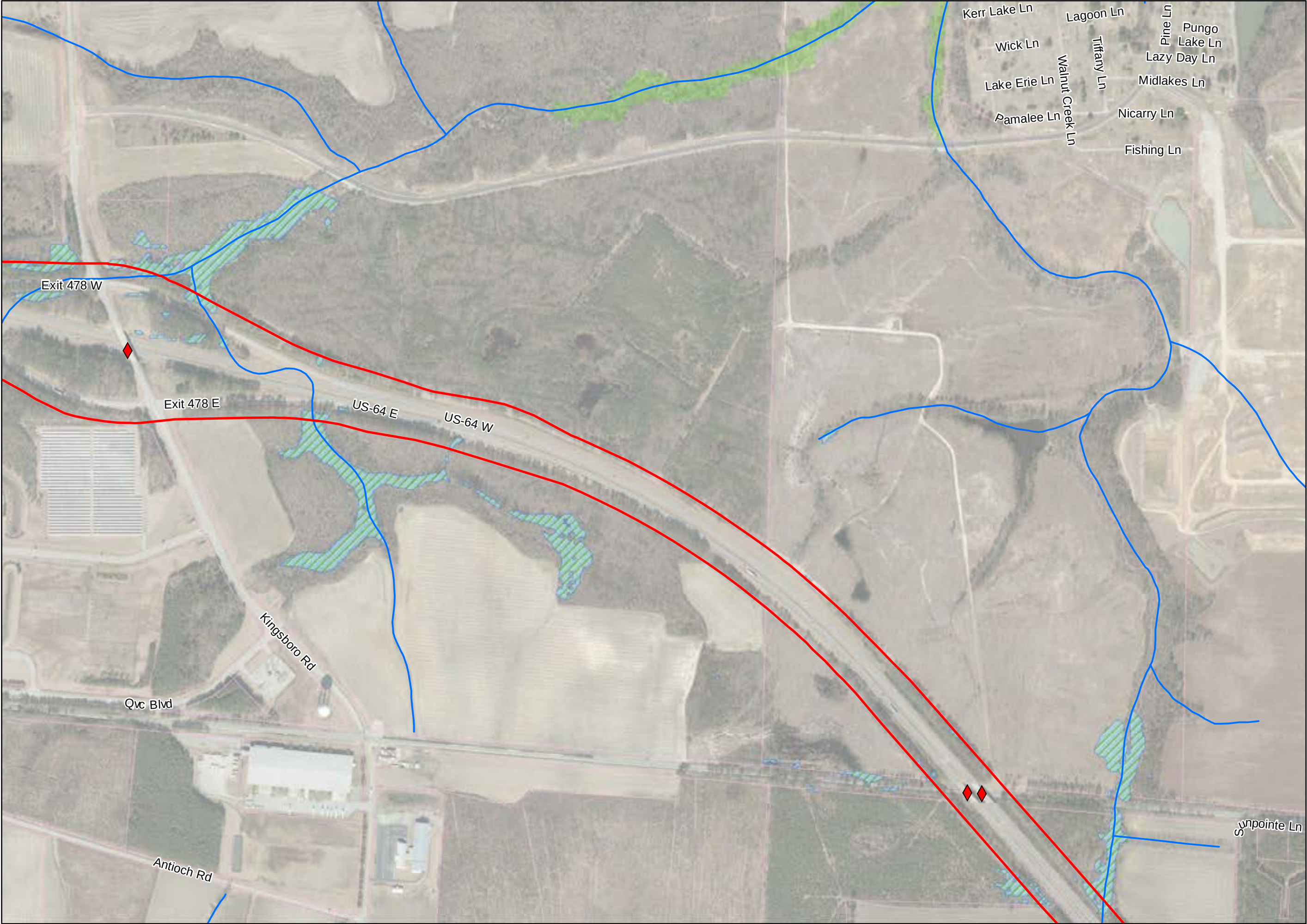
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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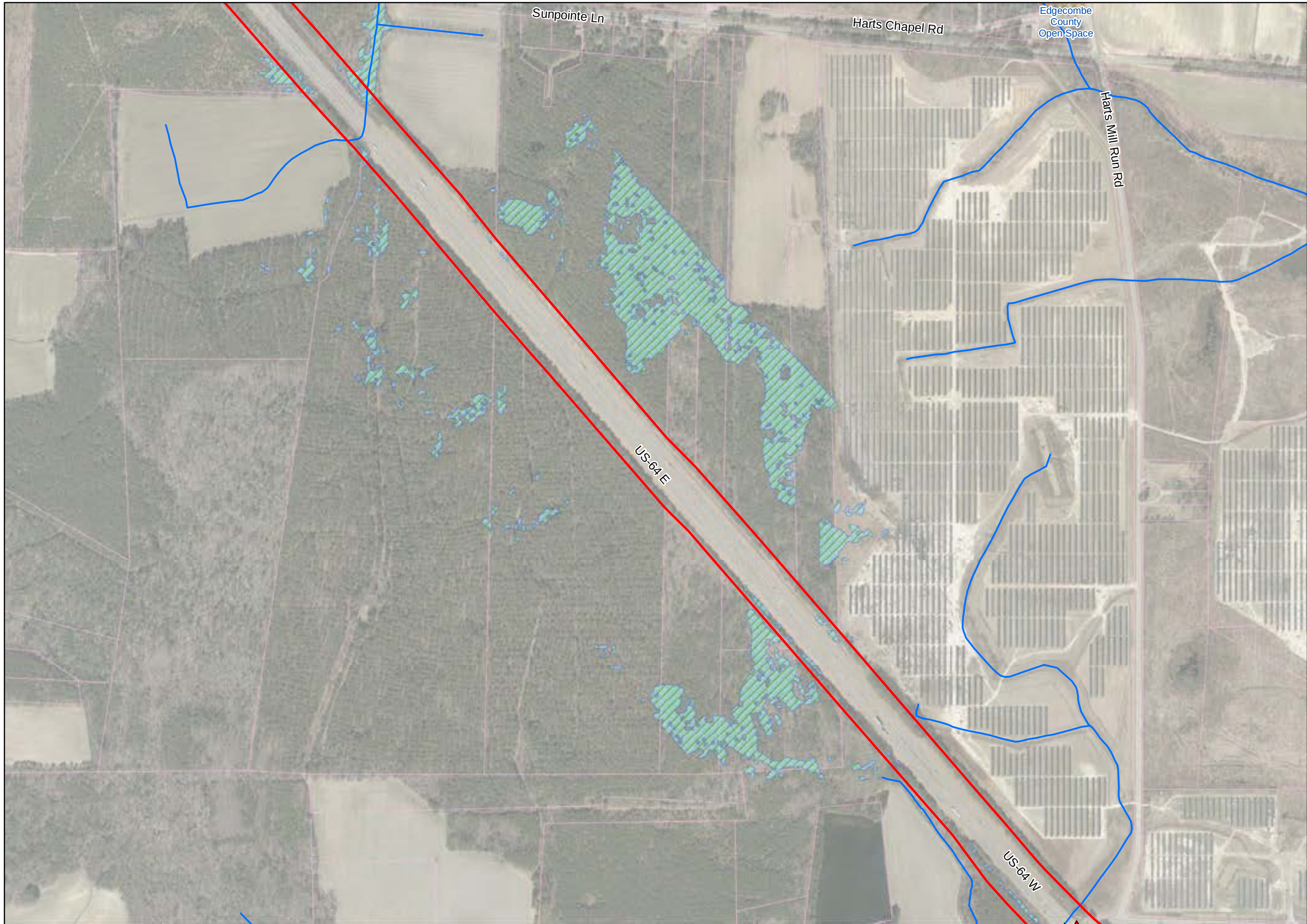
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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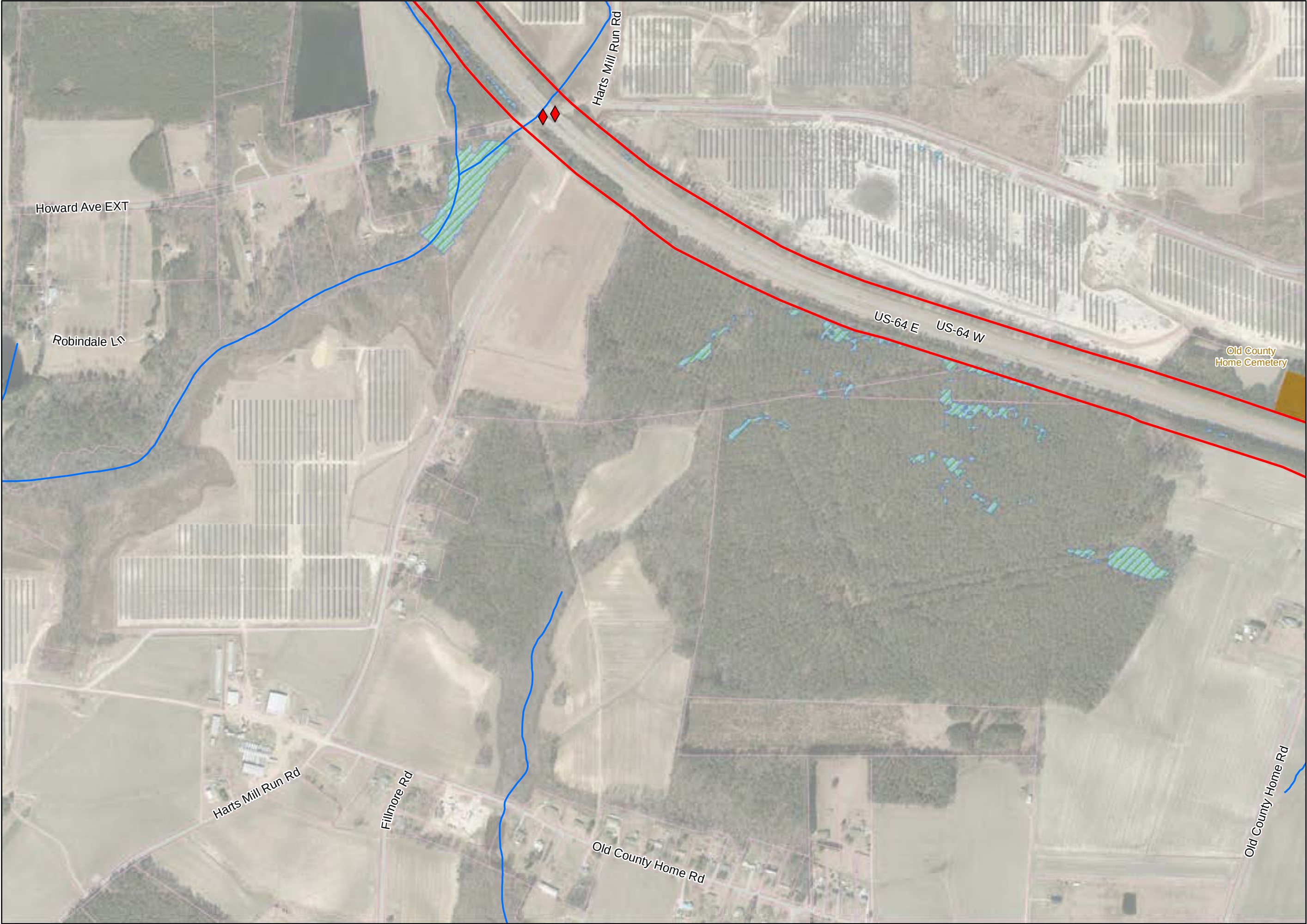
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Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
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County:
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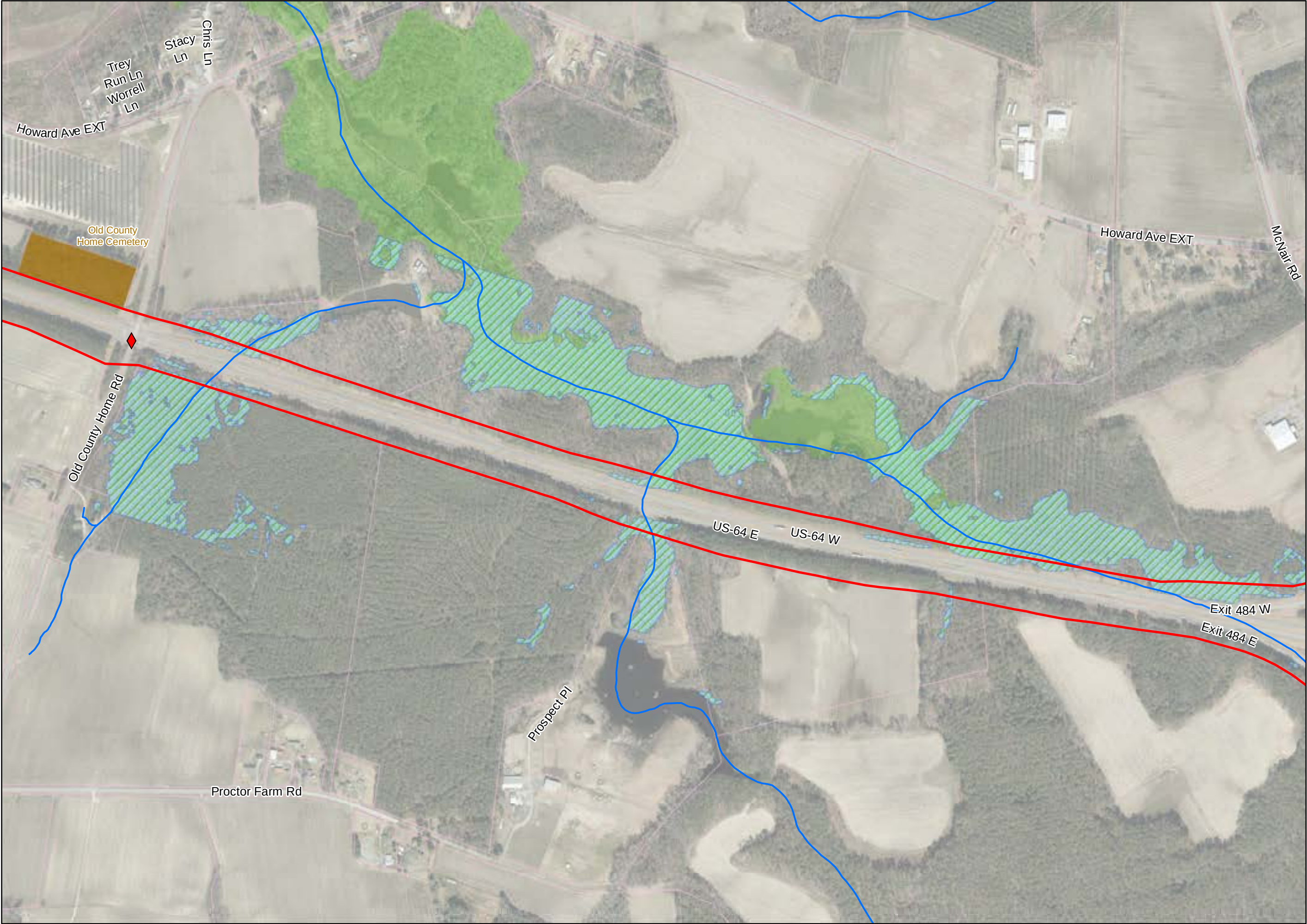
Div: 1 & 4	STIP# HB-0001A
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SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

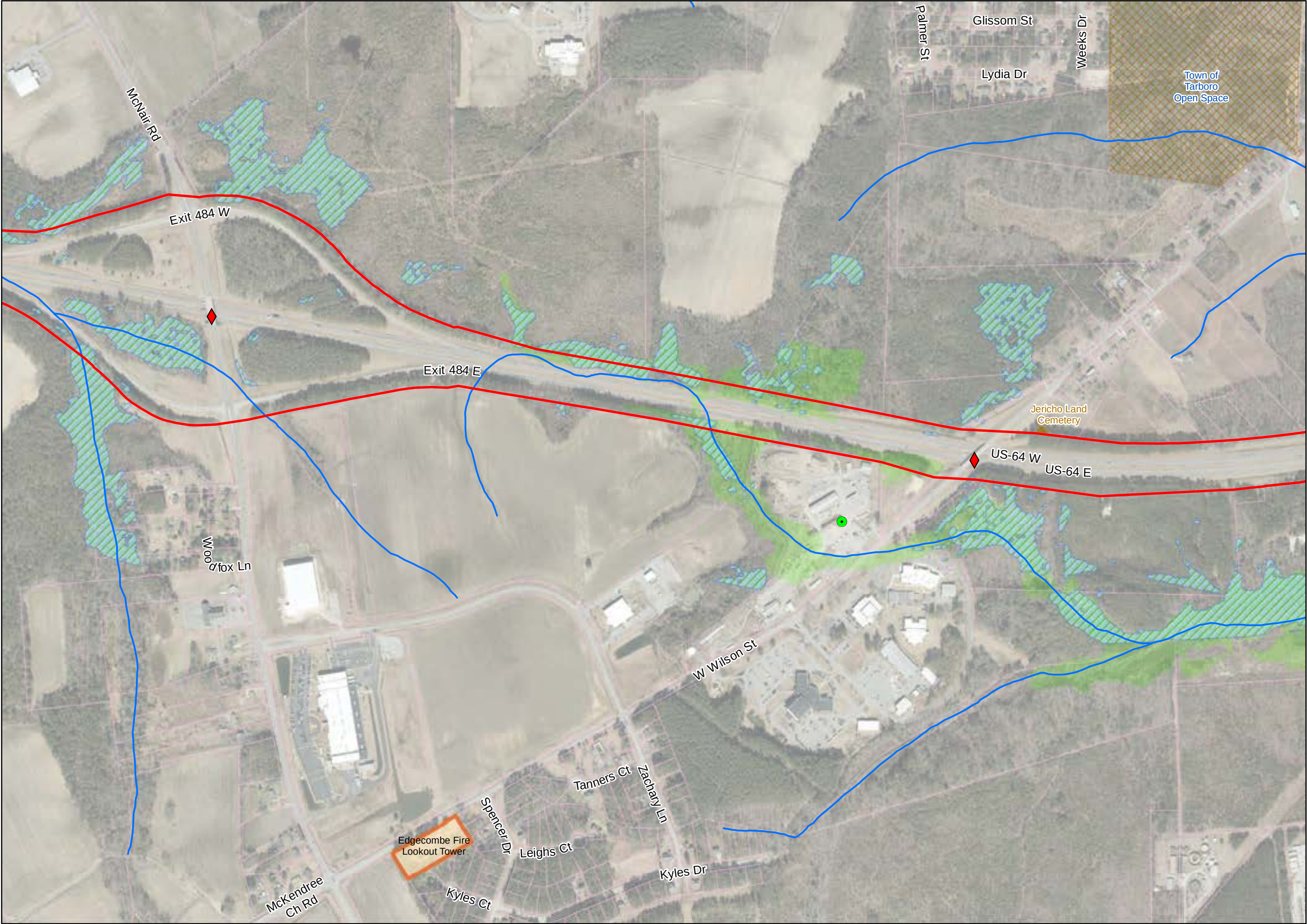
Div: 1 & 4	STIP# HB-0001A
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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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Div:
1 & 4

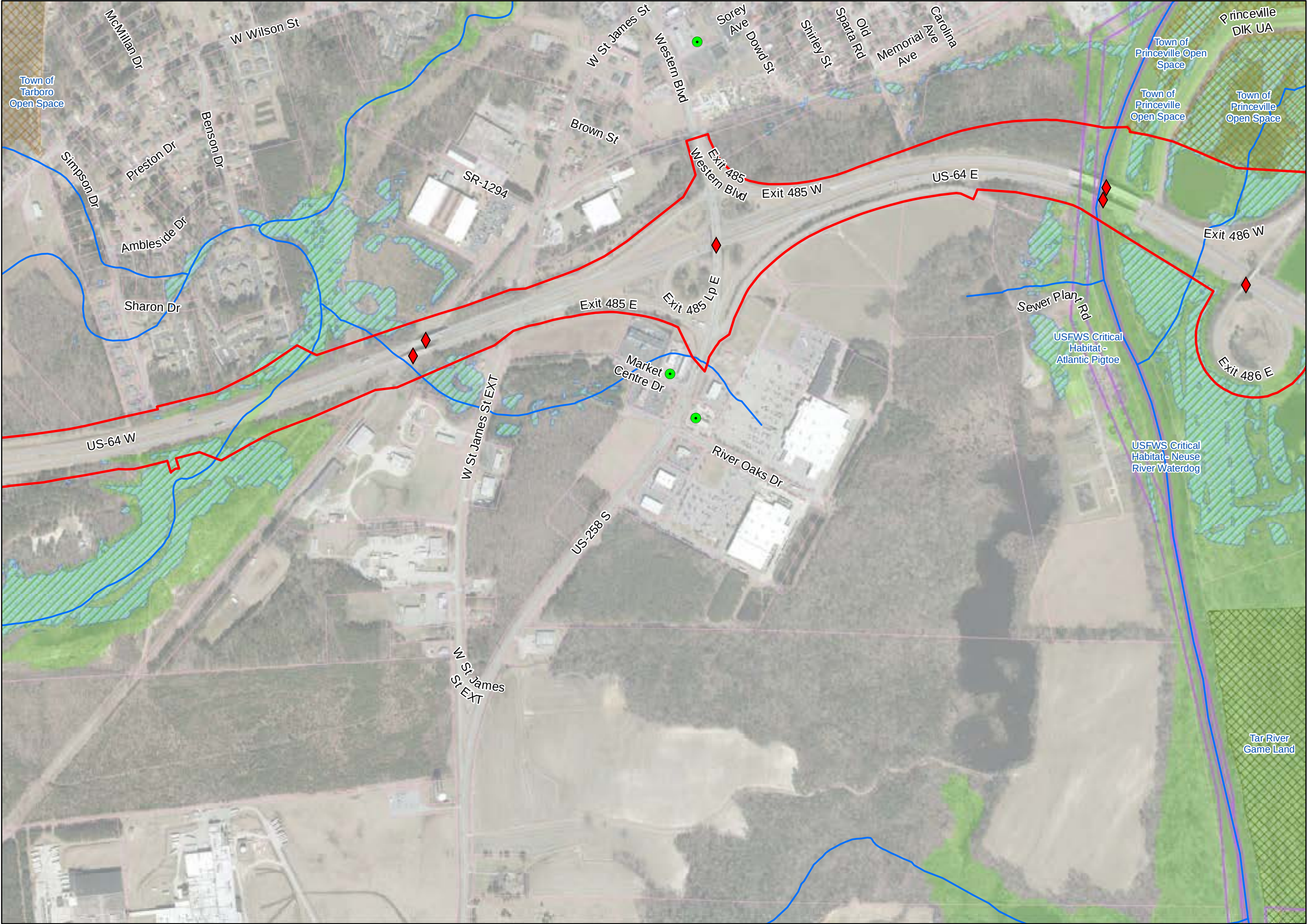
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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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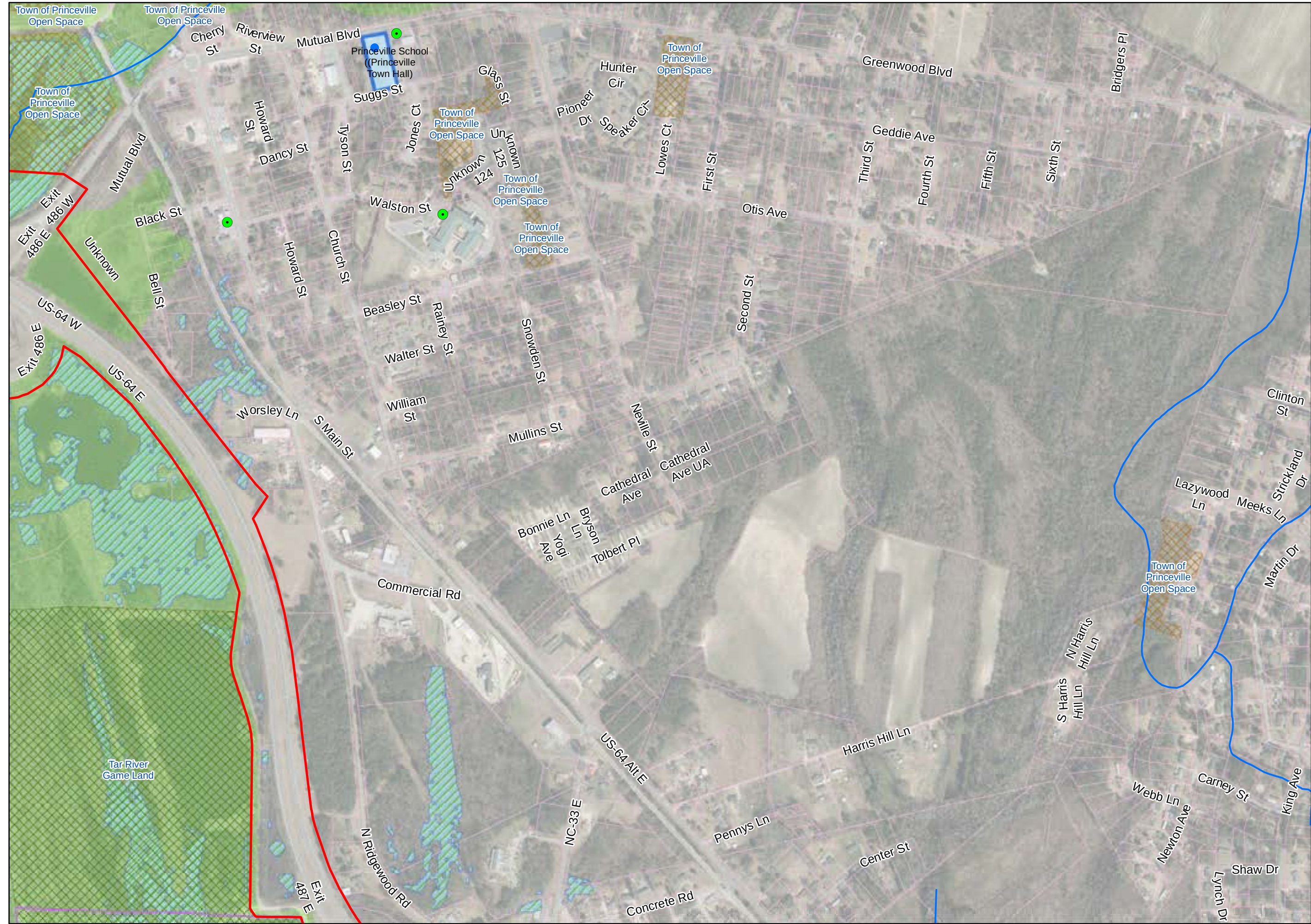
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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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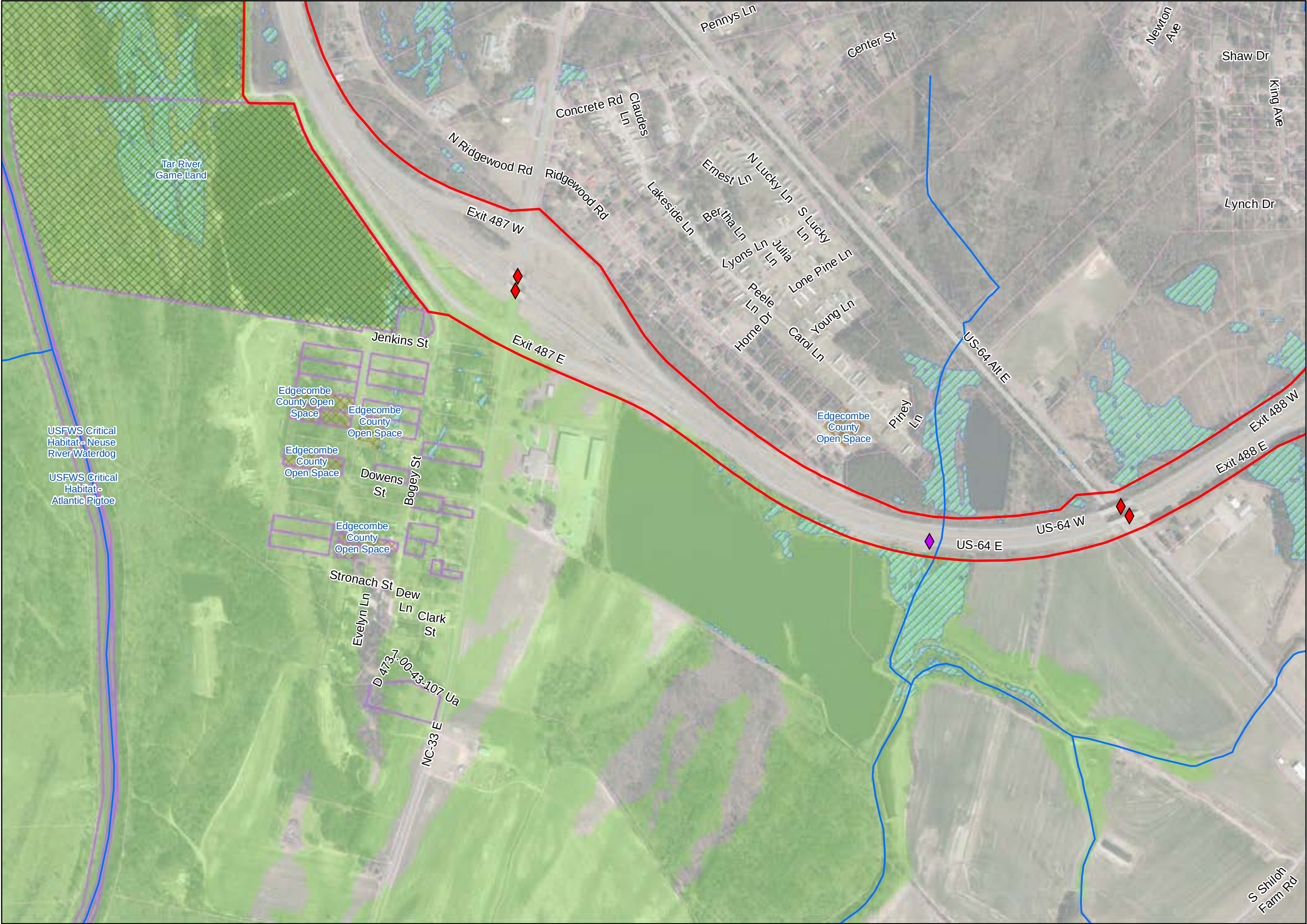
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

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Div:
1 & 4

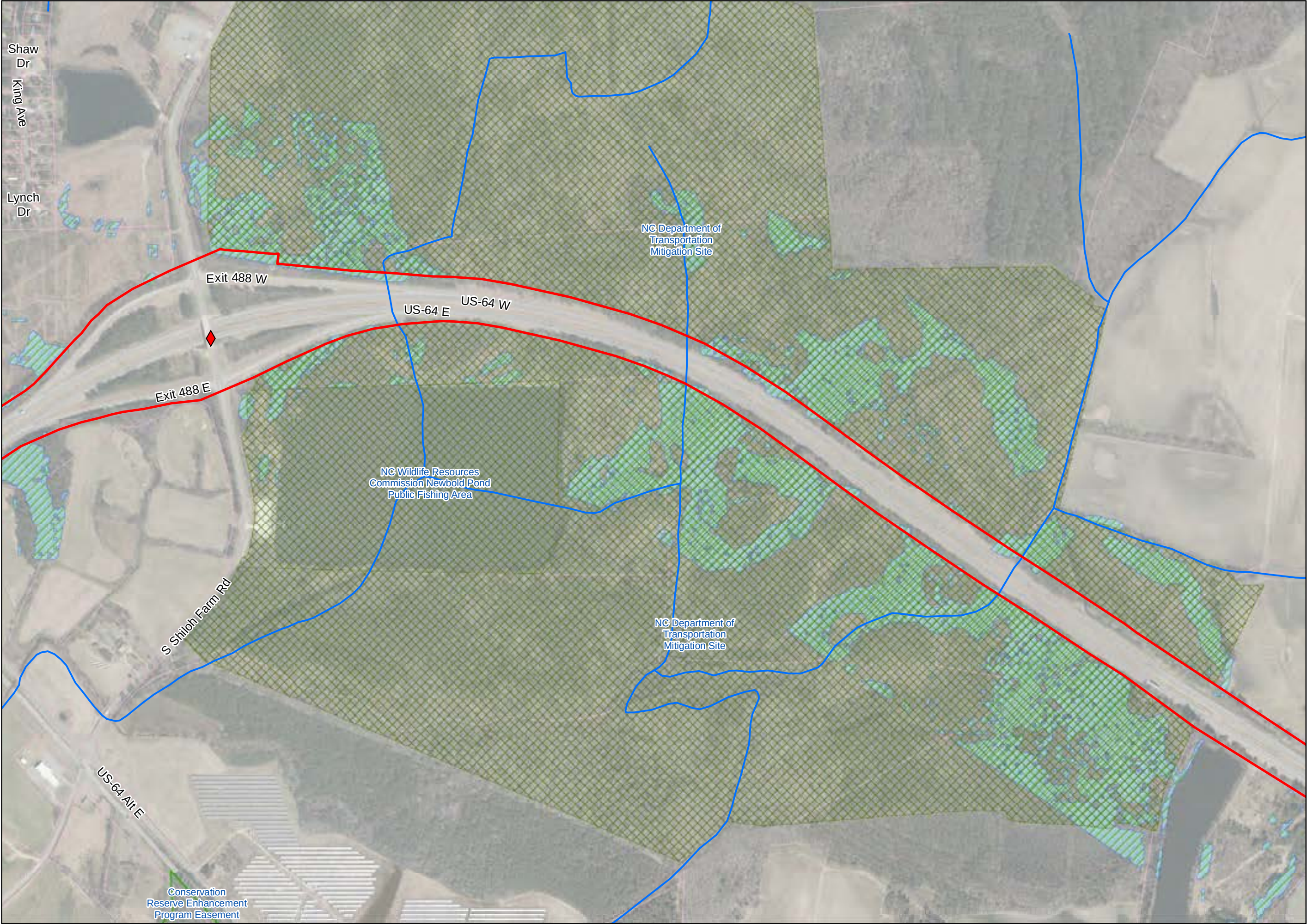
STIP#
HB-0001A

Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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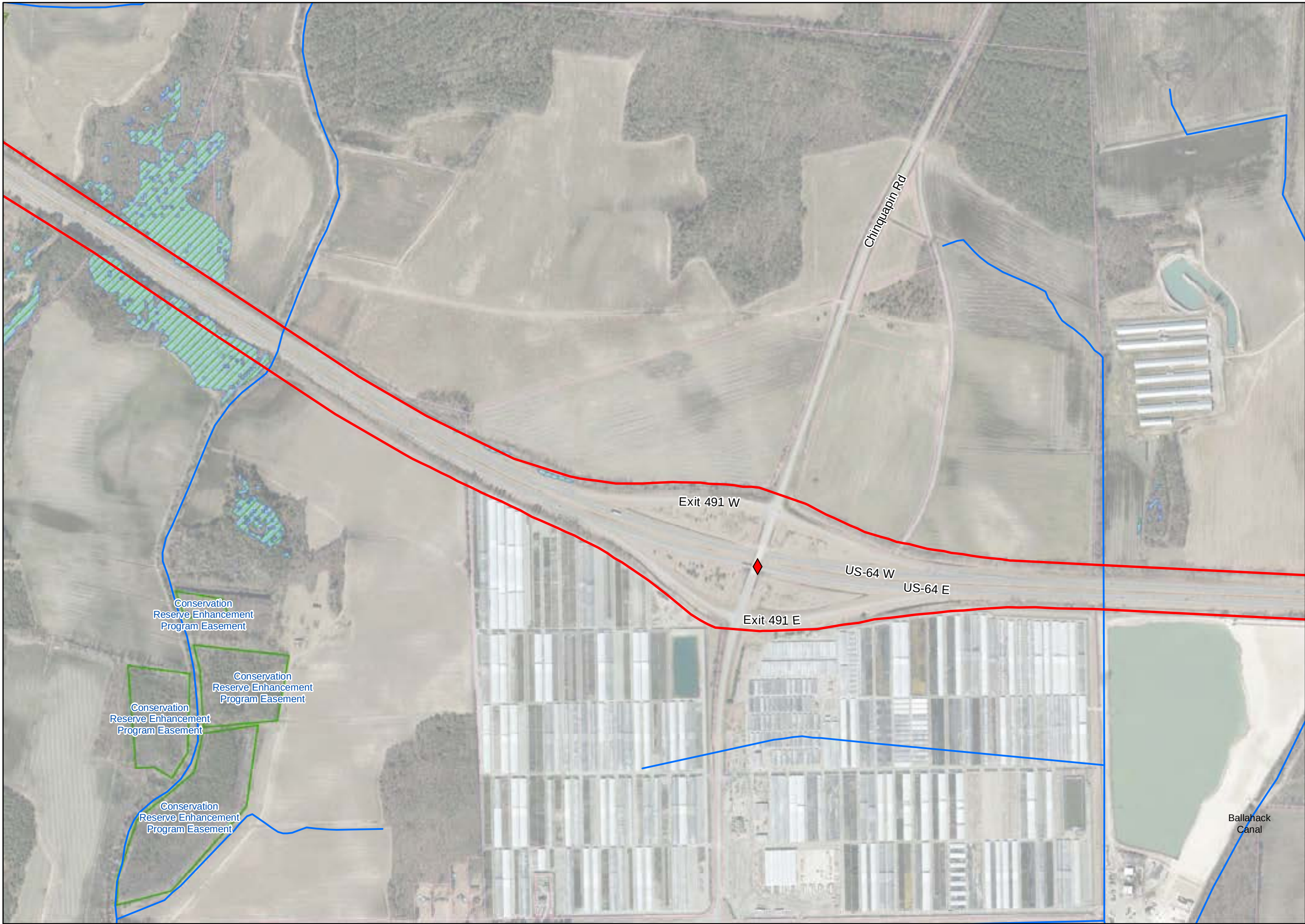
Div: STIP#
1 & 4 HB-0001A

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SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

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Div:
1 & 4

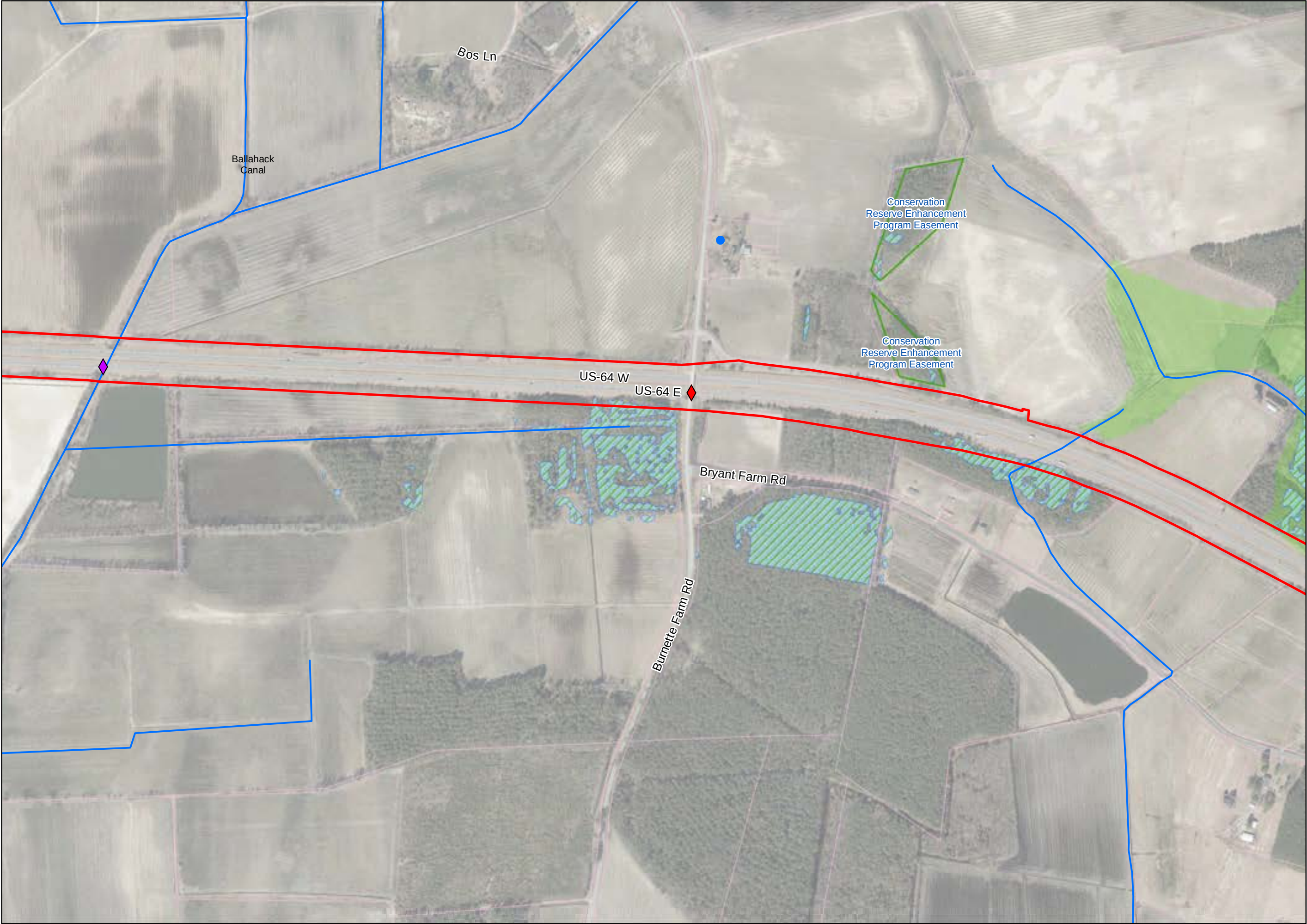
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HB-0001A

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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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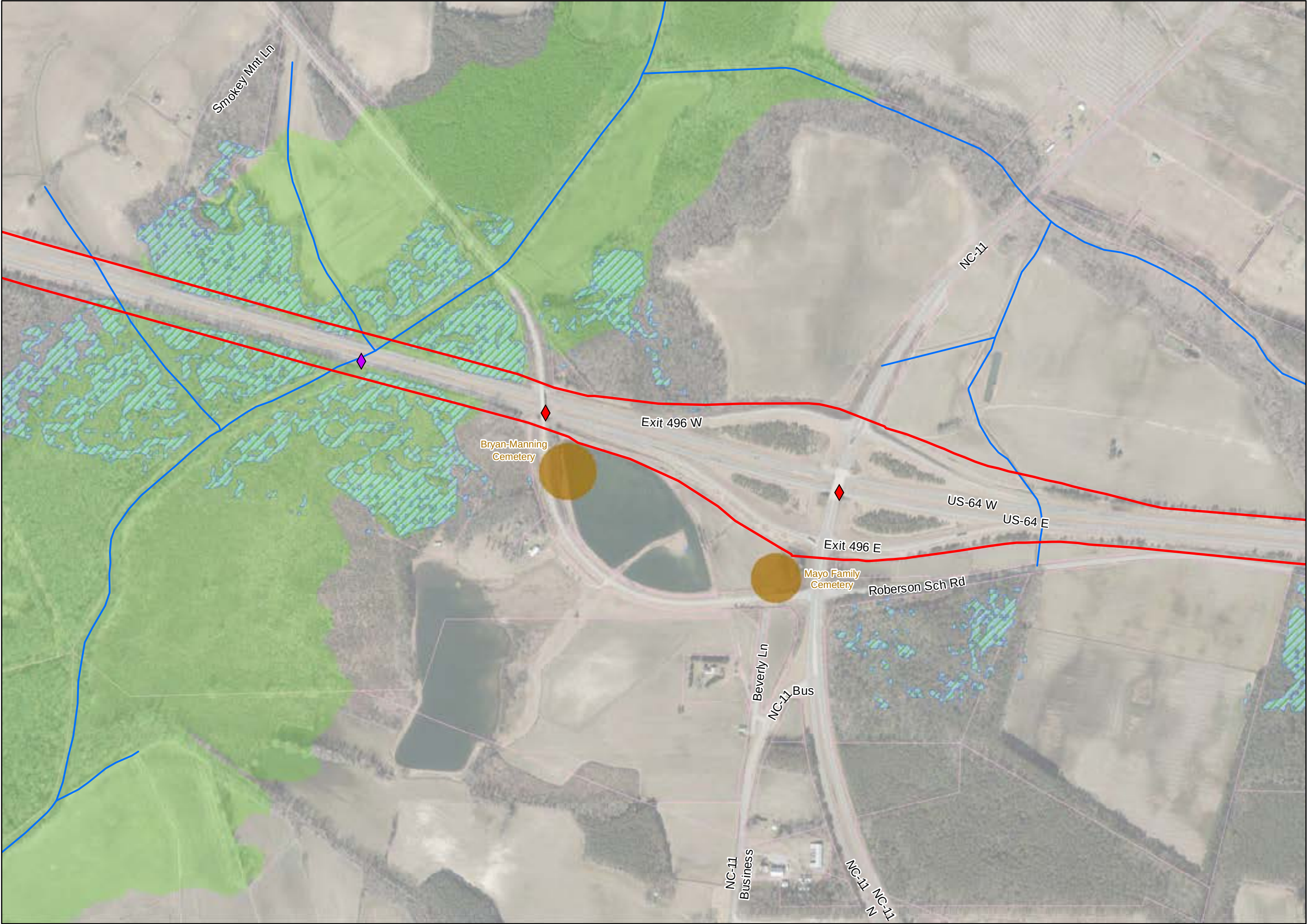
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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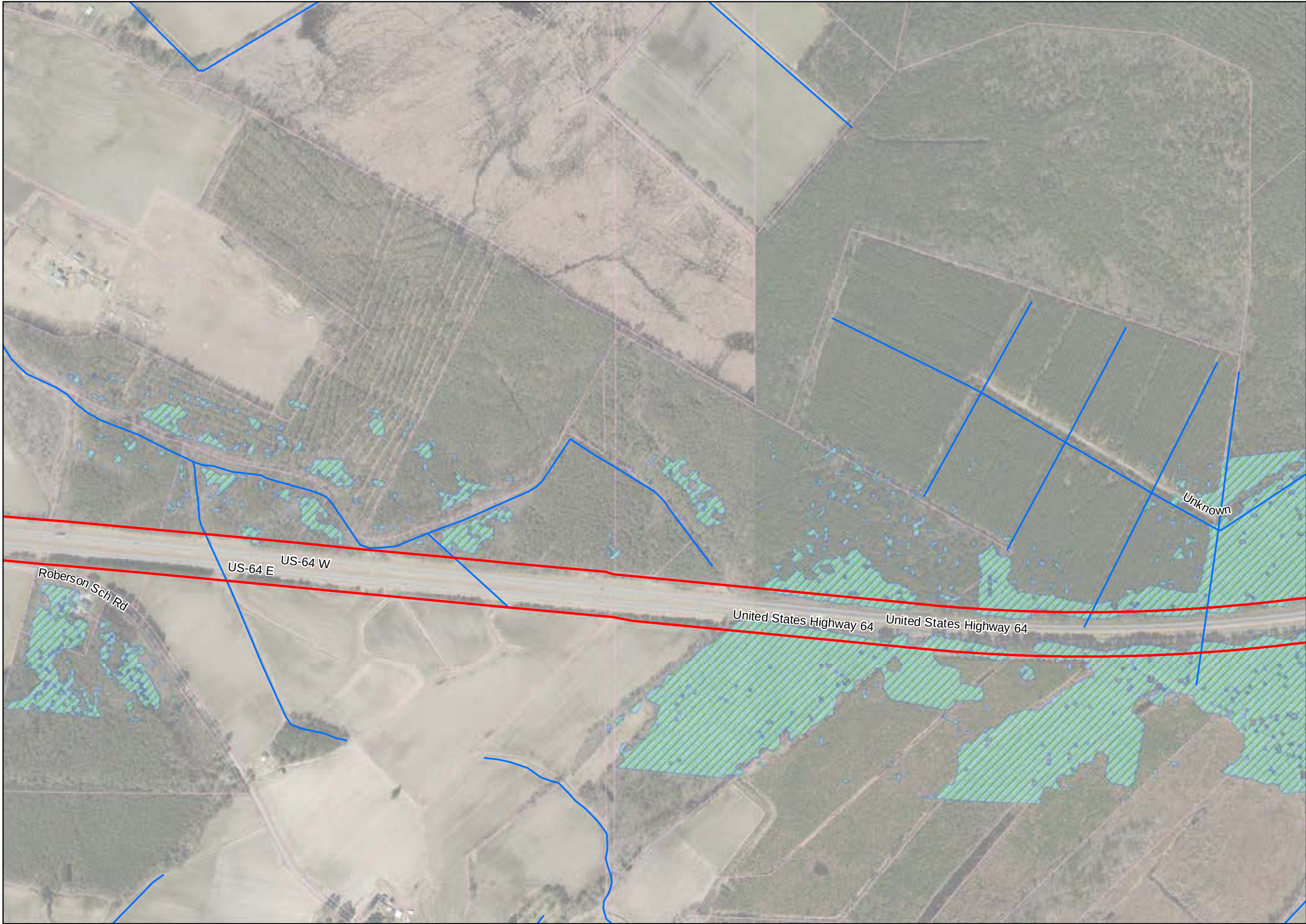
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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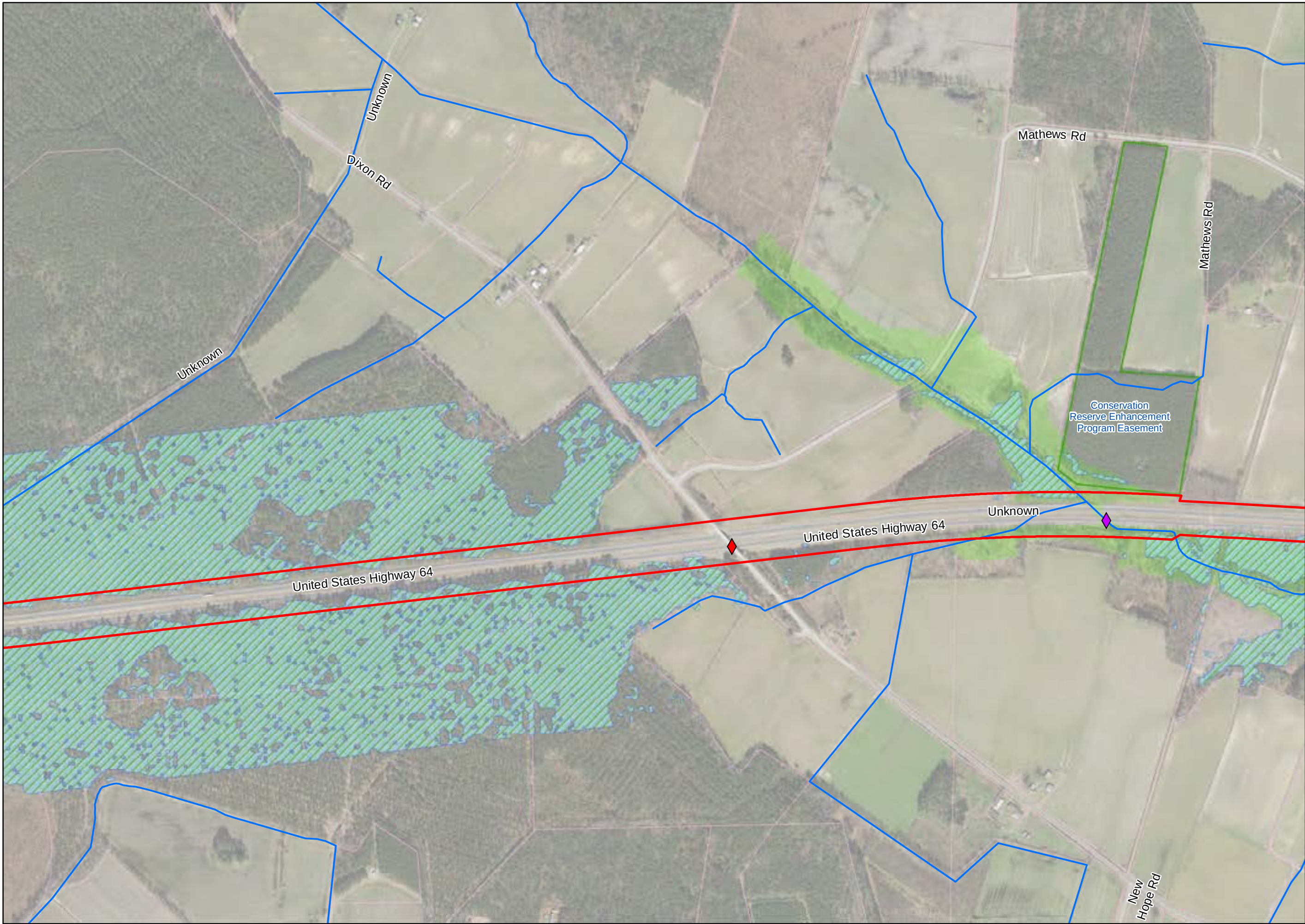
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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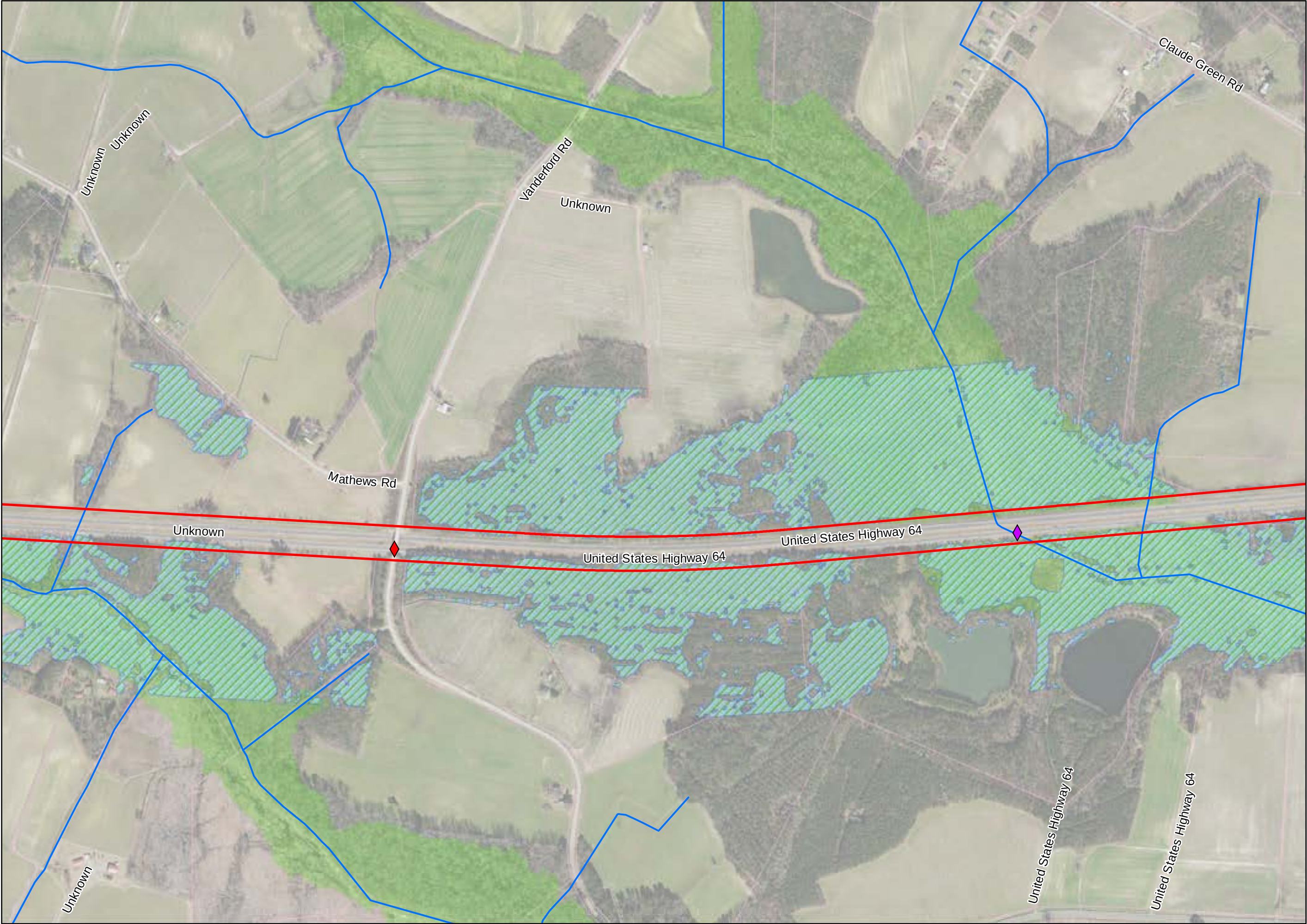
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
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Div:
1 & 4

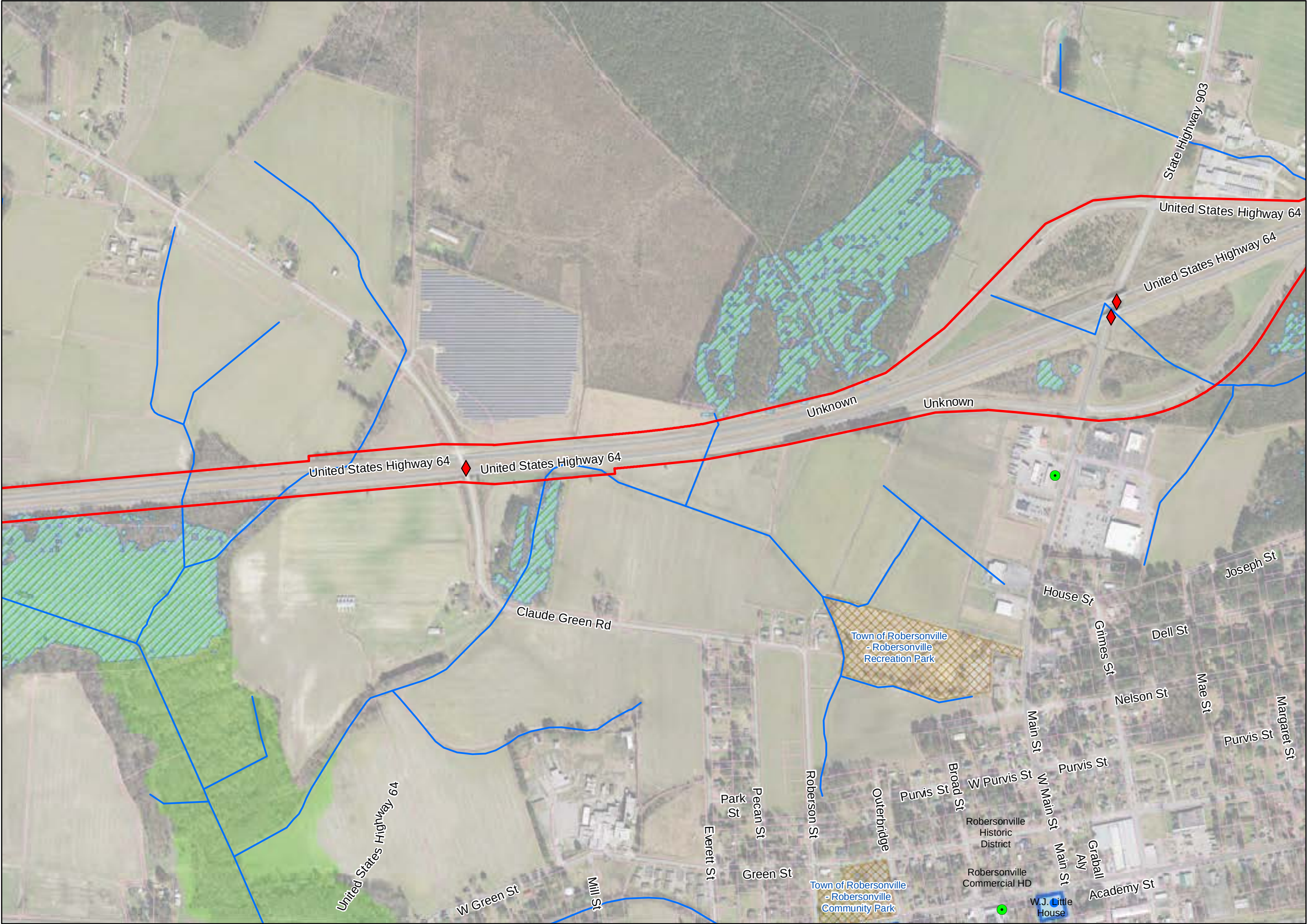
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HB-0001A

Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

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County:
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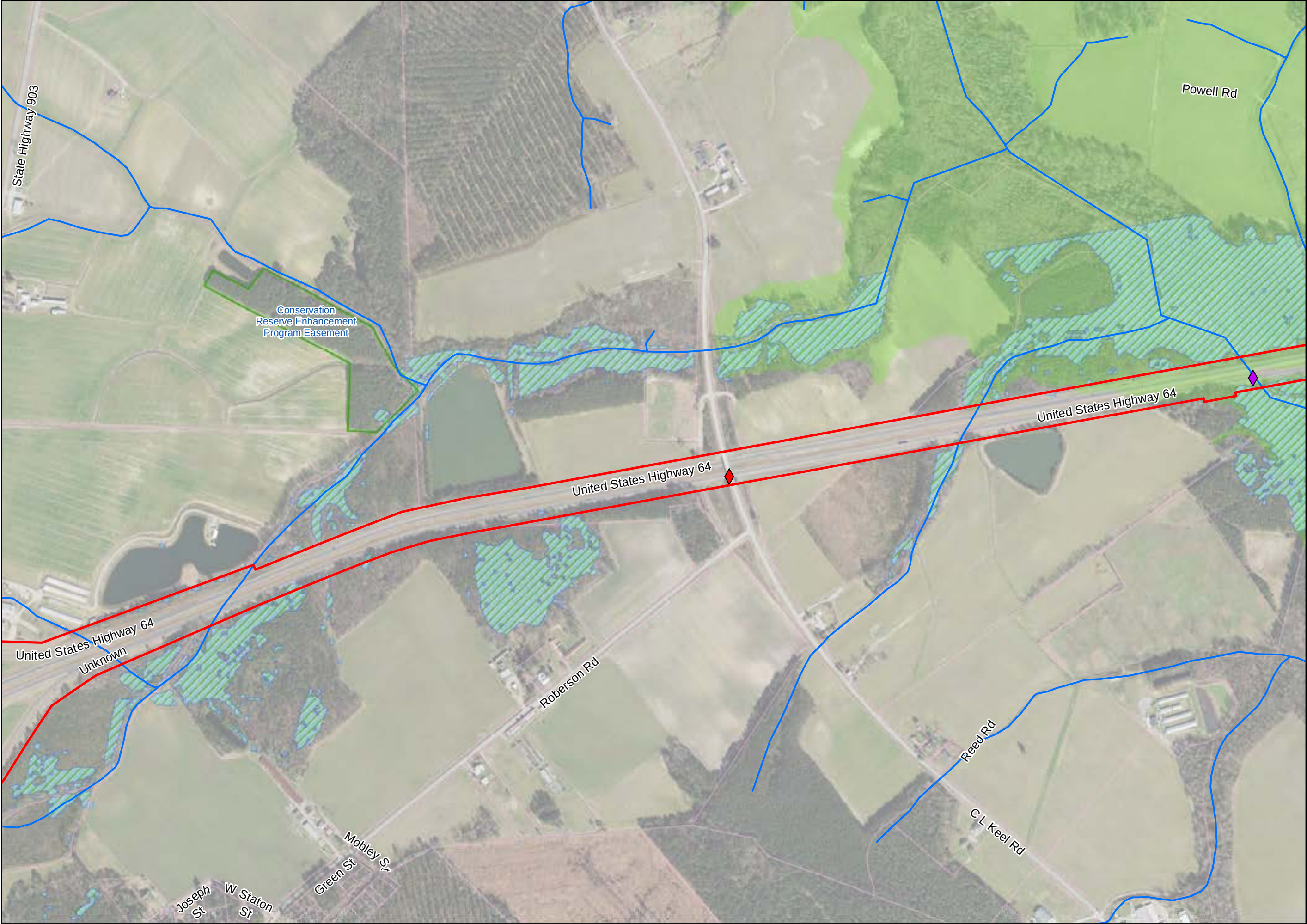
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
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Div:
1 & 4

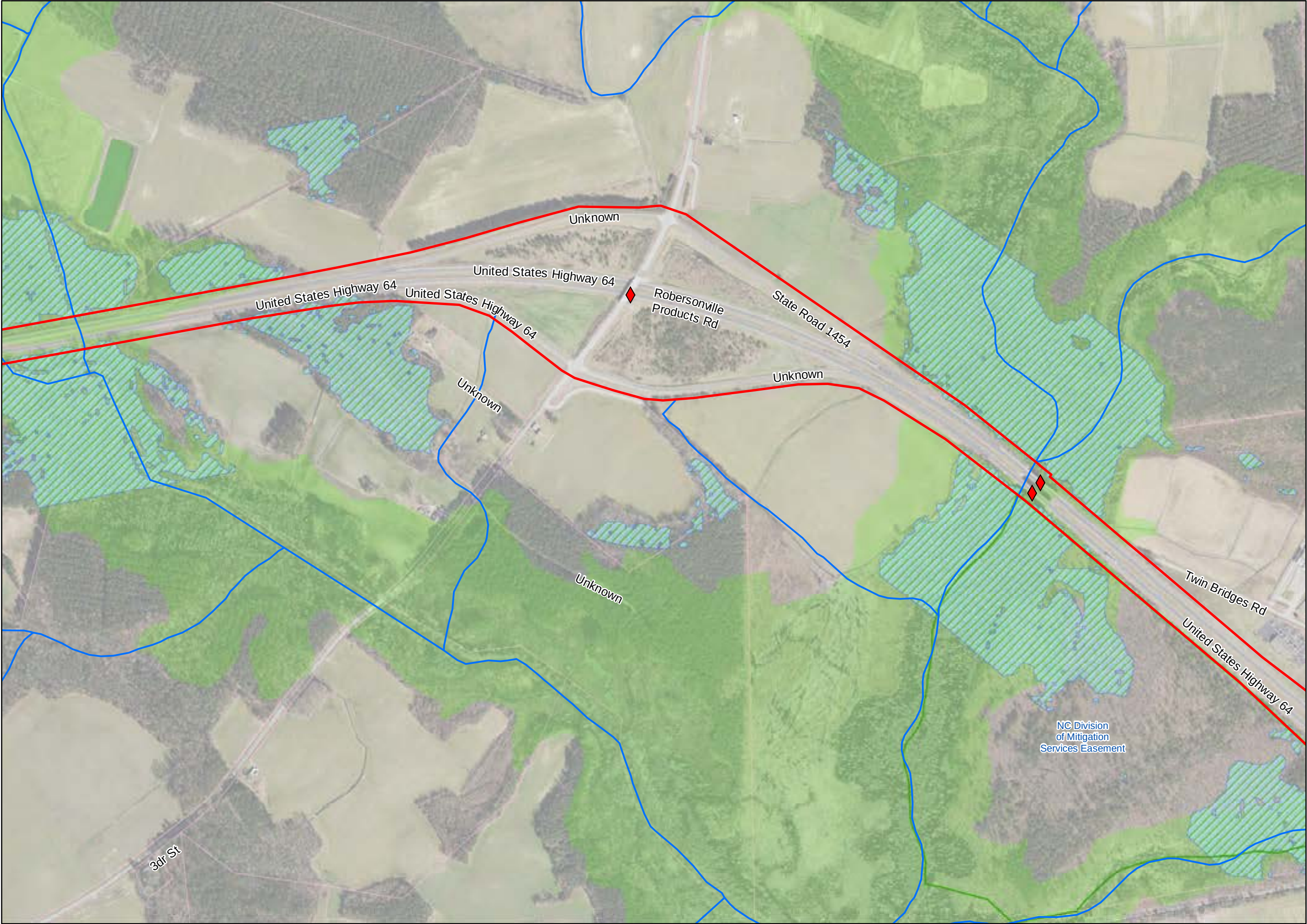
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SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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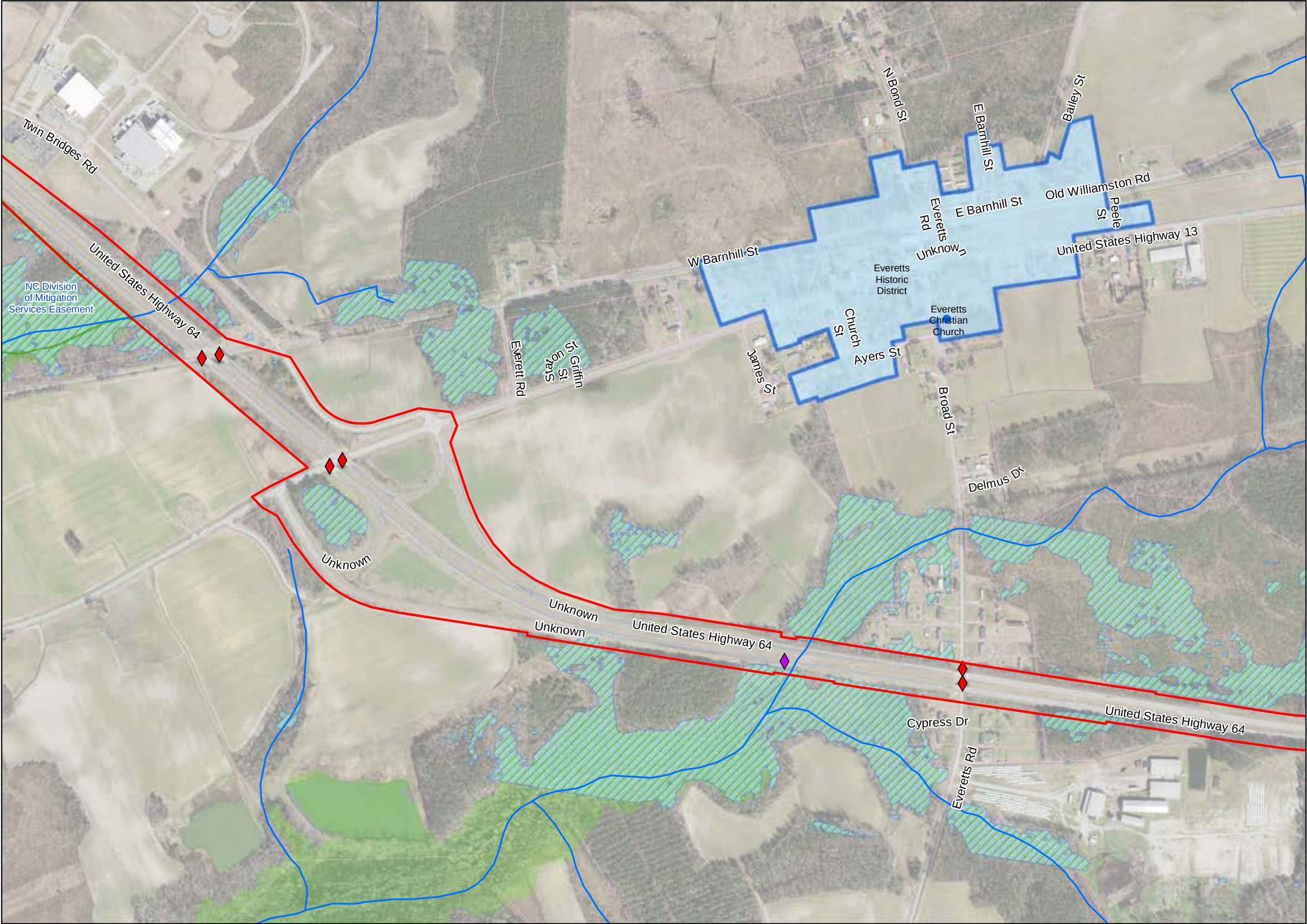
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Date:
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Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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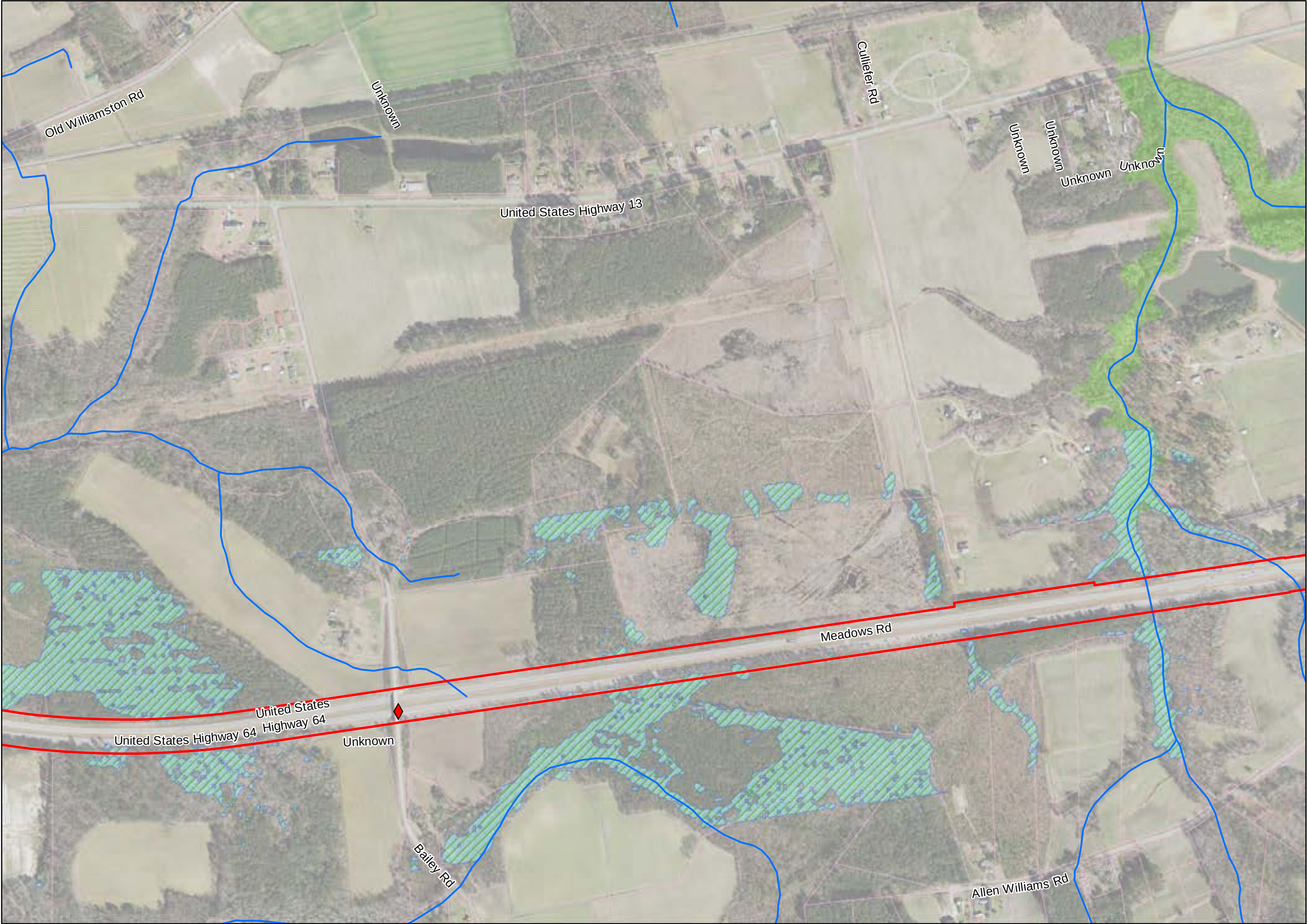
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Date:
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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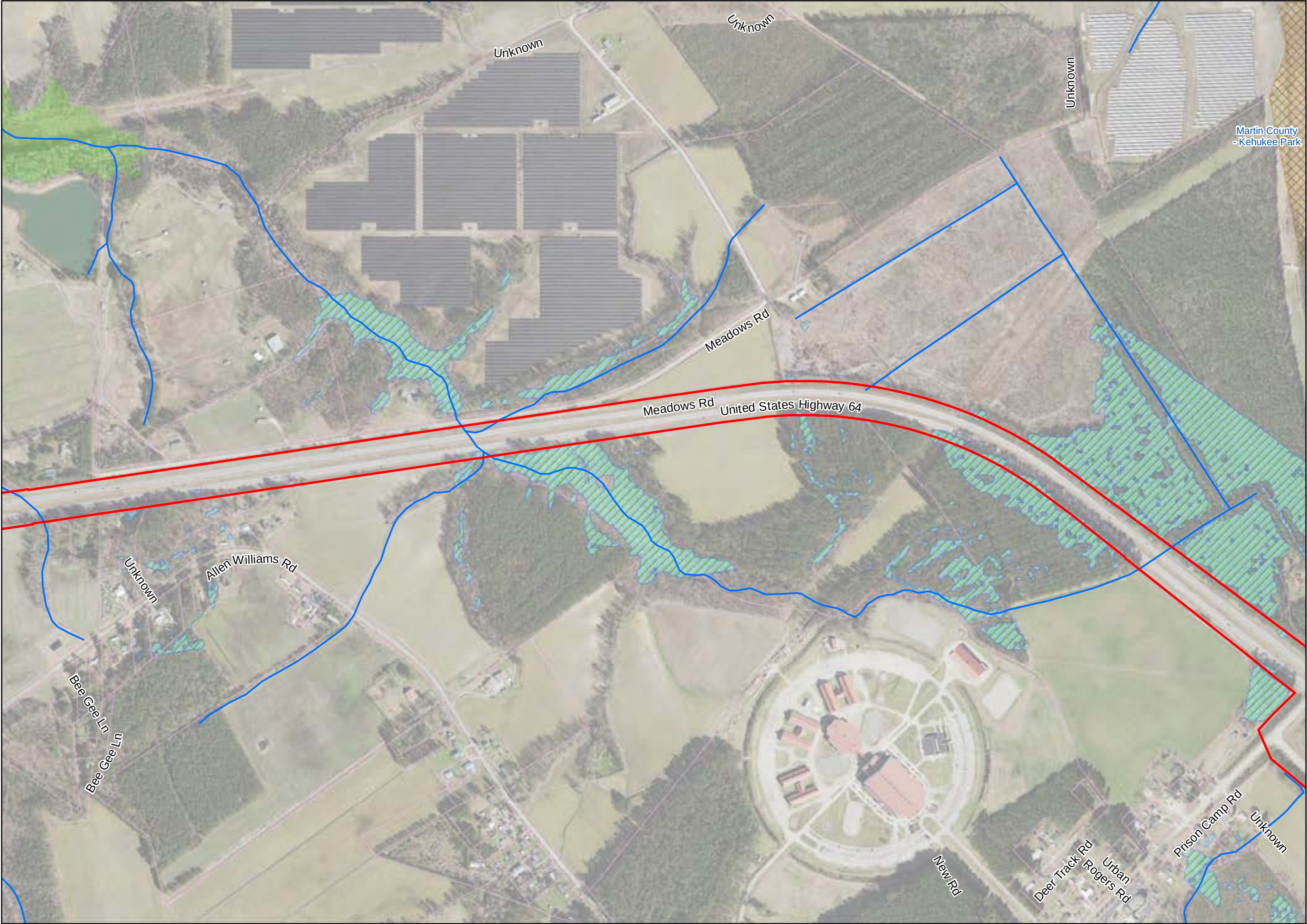
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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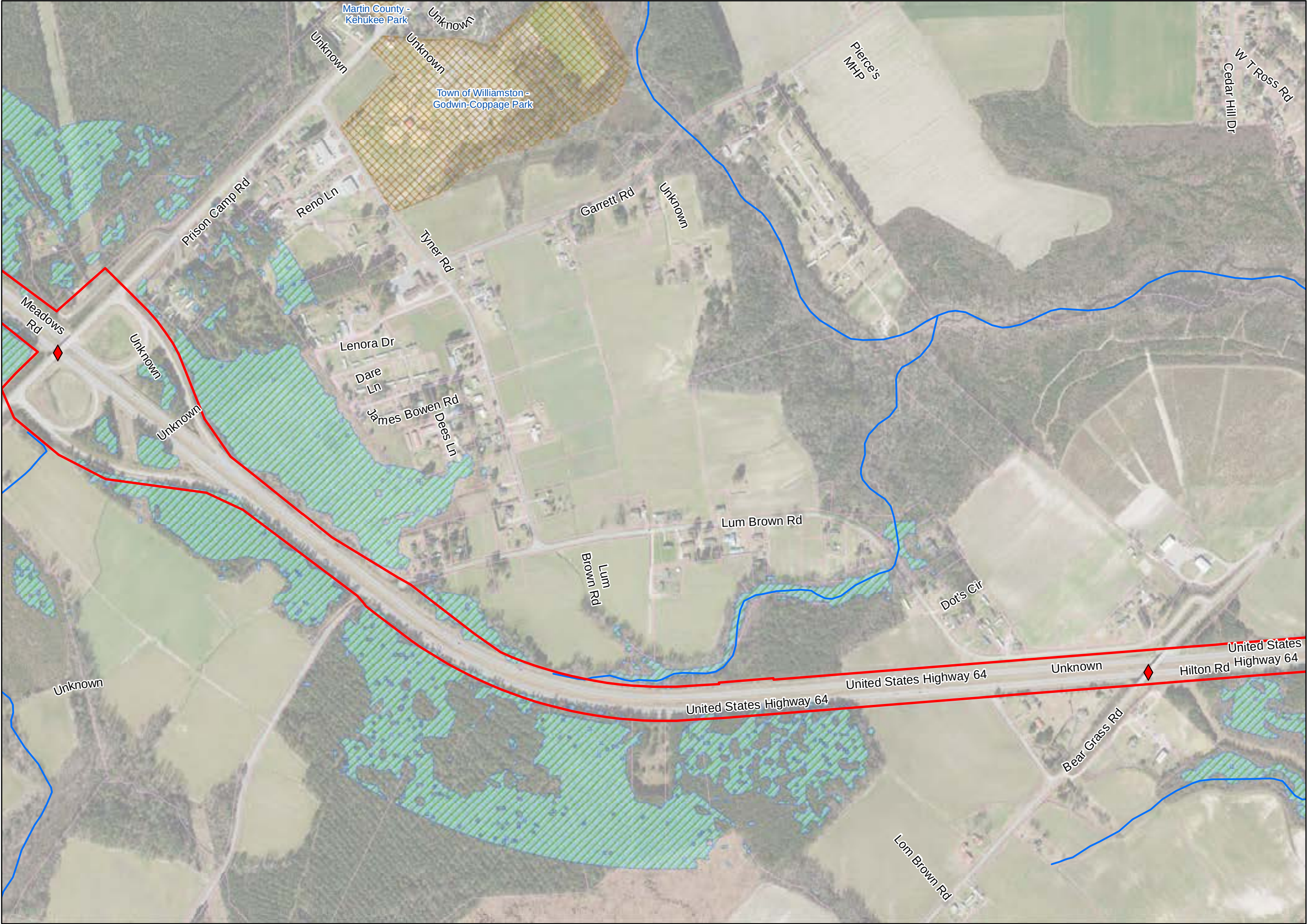
Div: 1 & 4	STIP# HB-0001A
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Date:
SEPTEMBER 2024

Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



0 300 600
Feet

By:
C ROWELLS

County:
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Div:
1 & 4

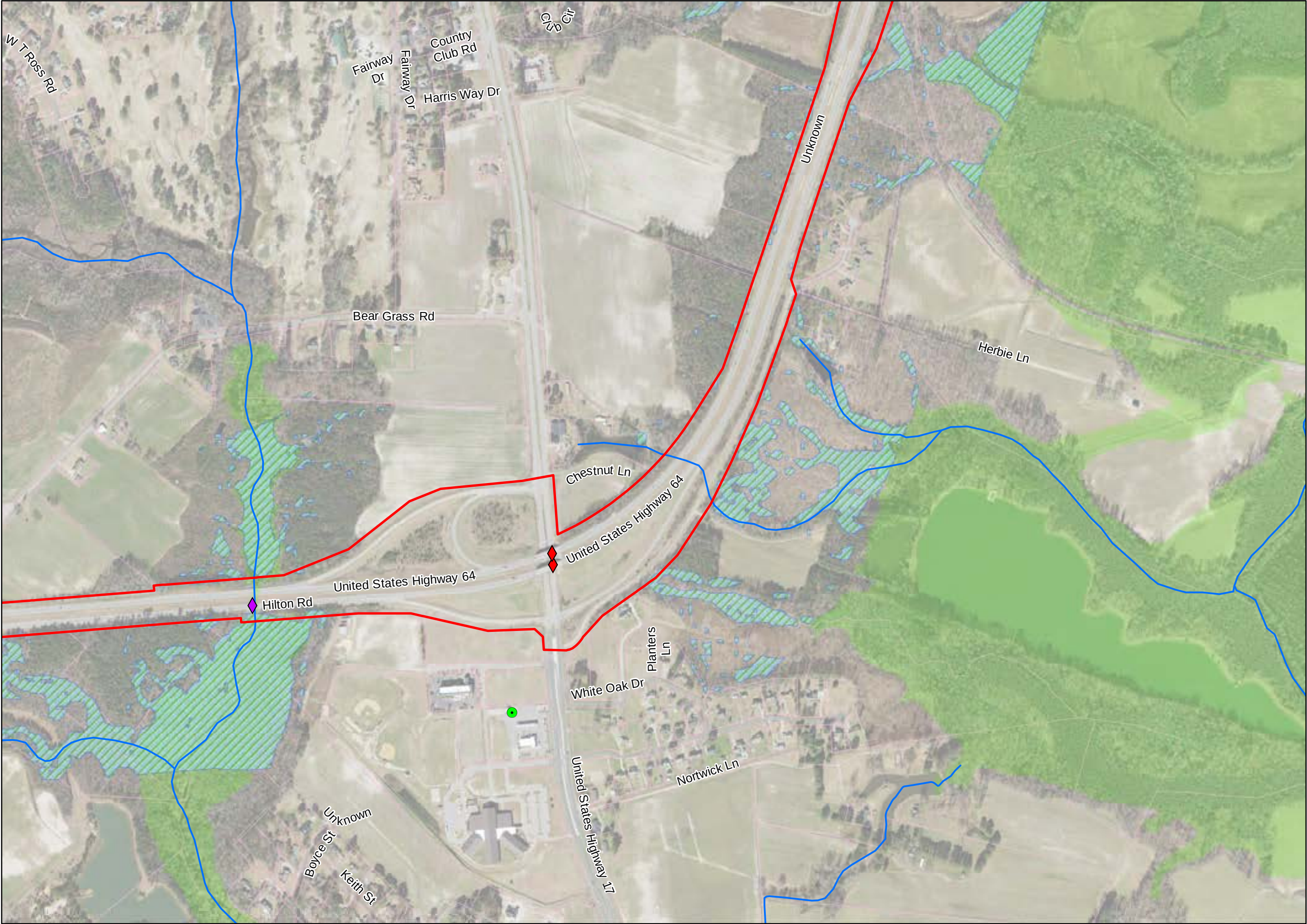
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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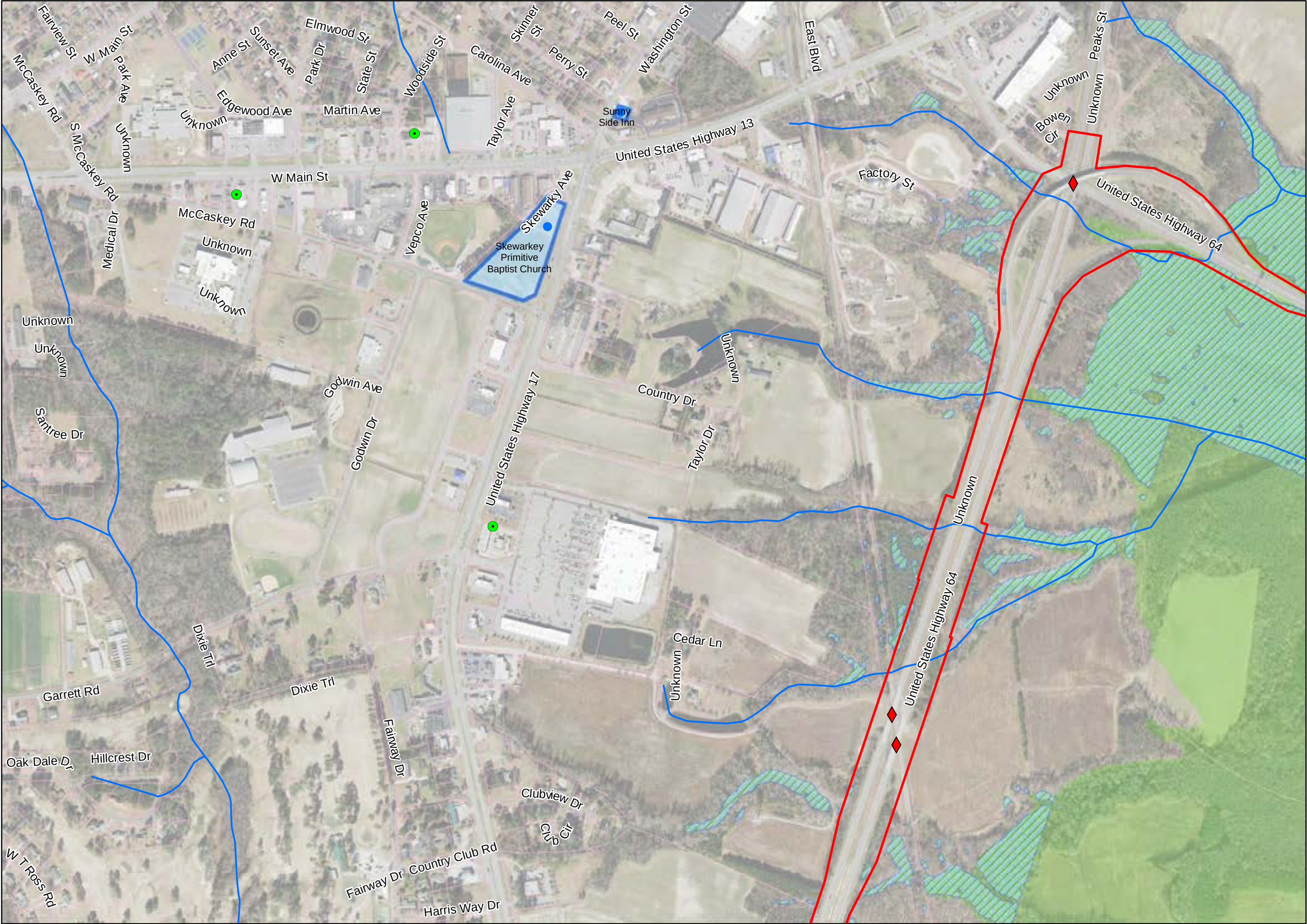
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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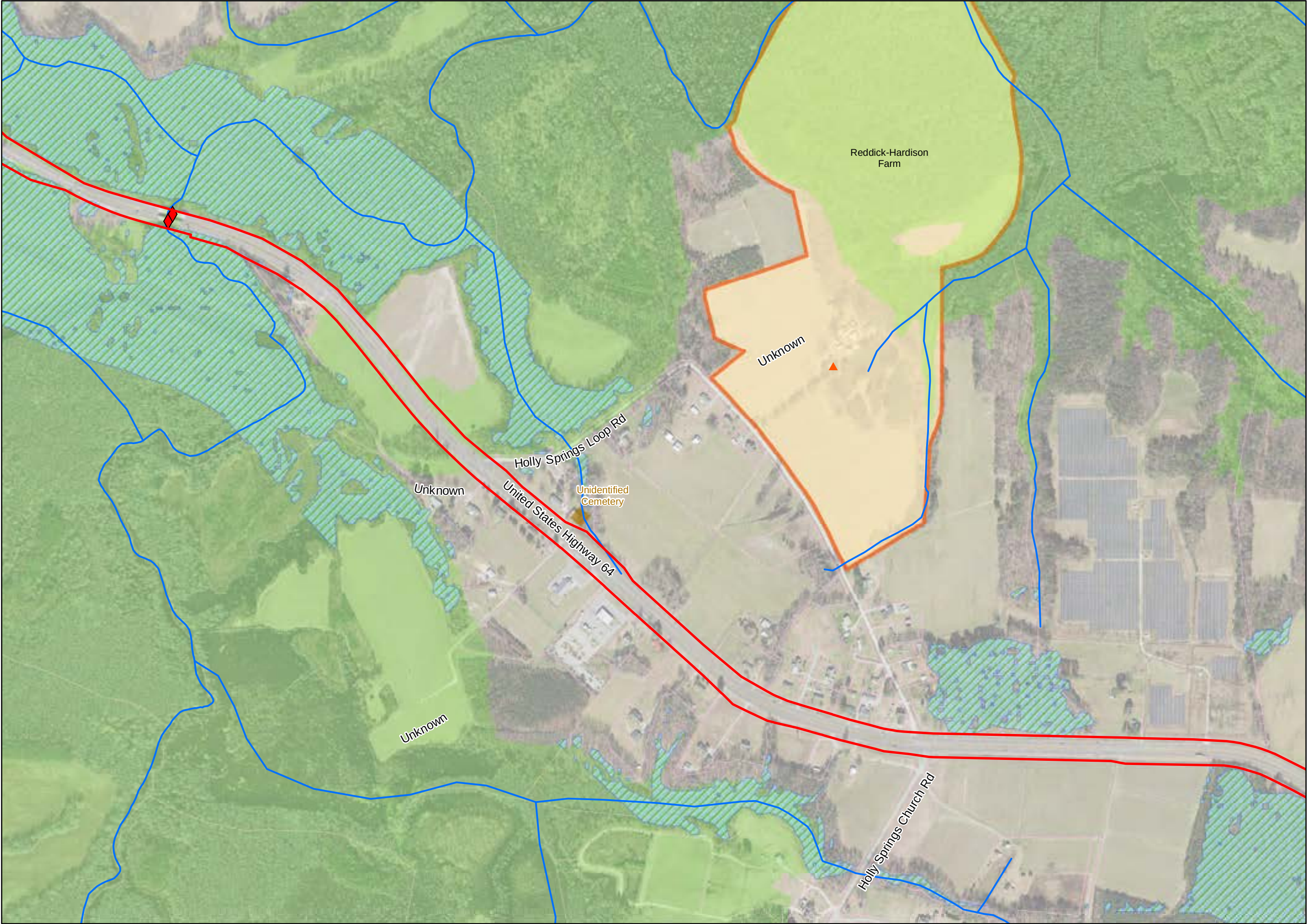
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

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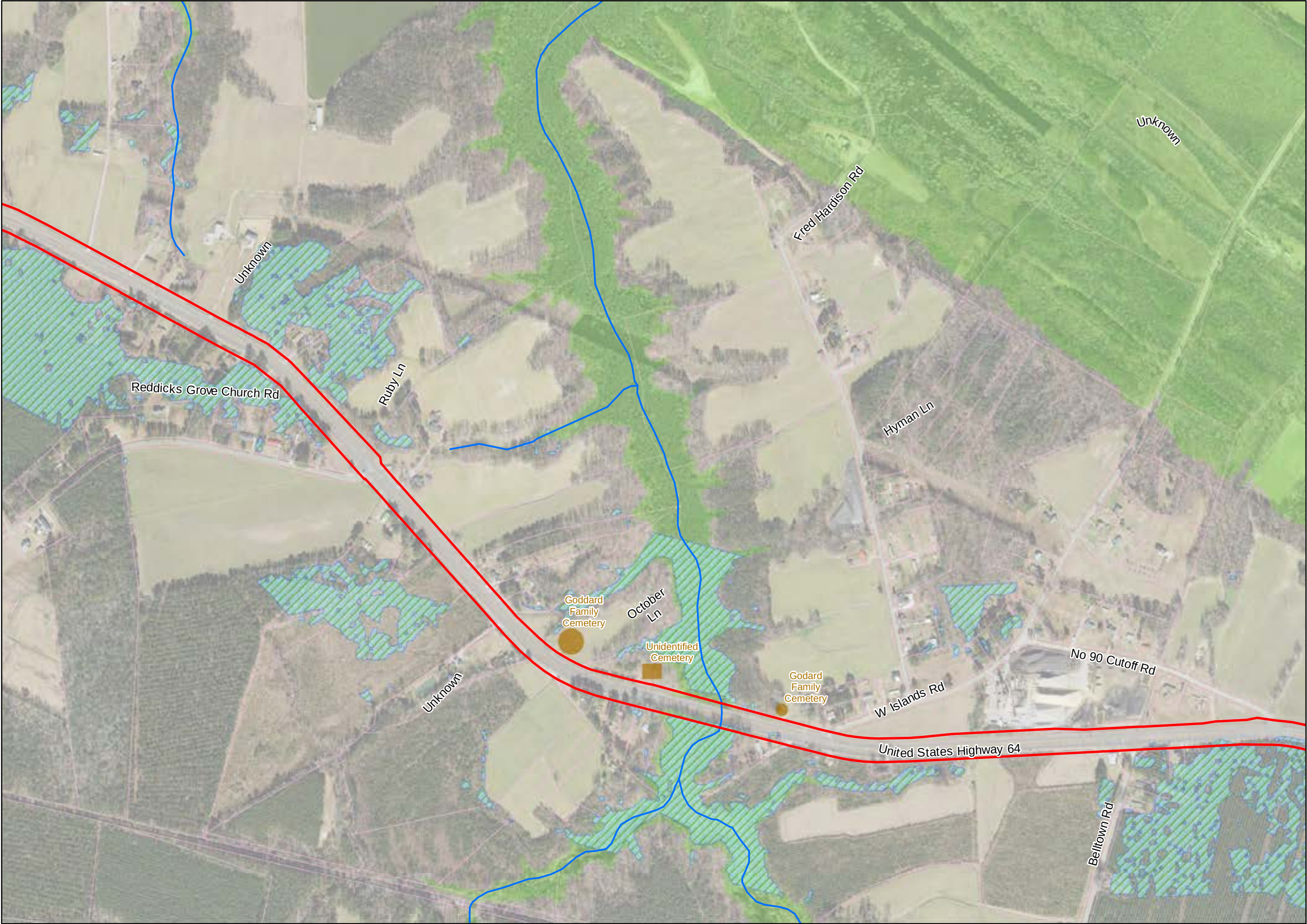
STIP#
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

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Div: 1 & 4	STIP# HB-0001A
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Date:
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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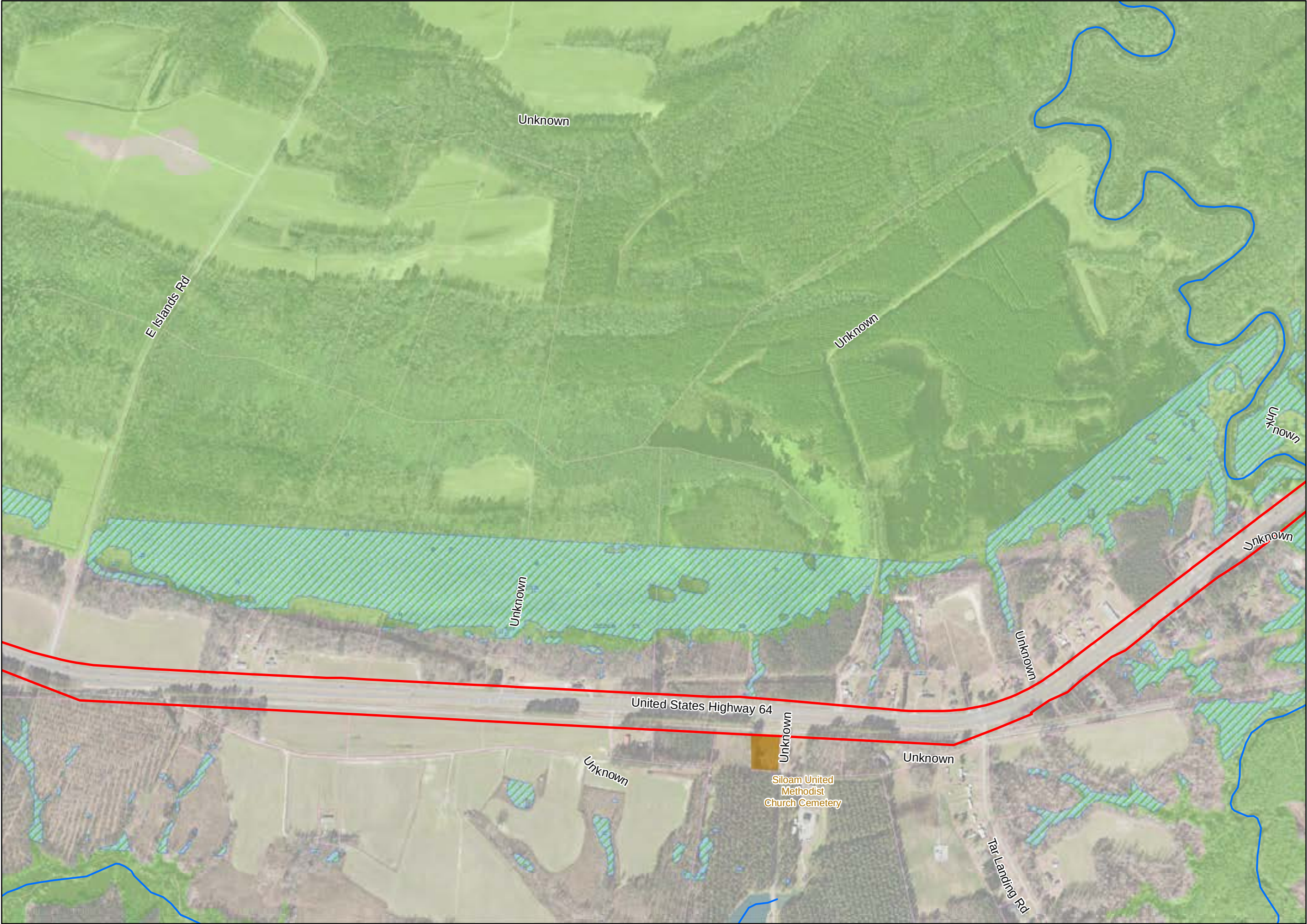
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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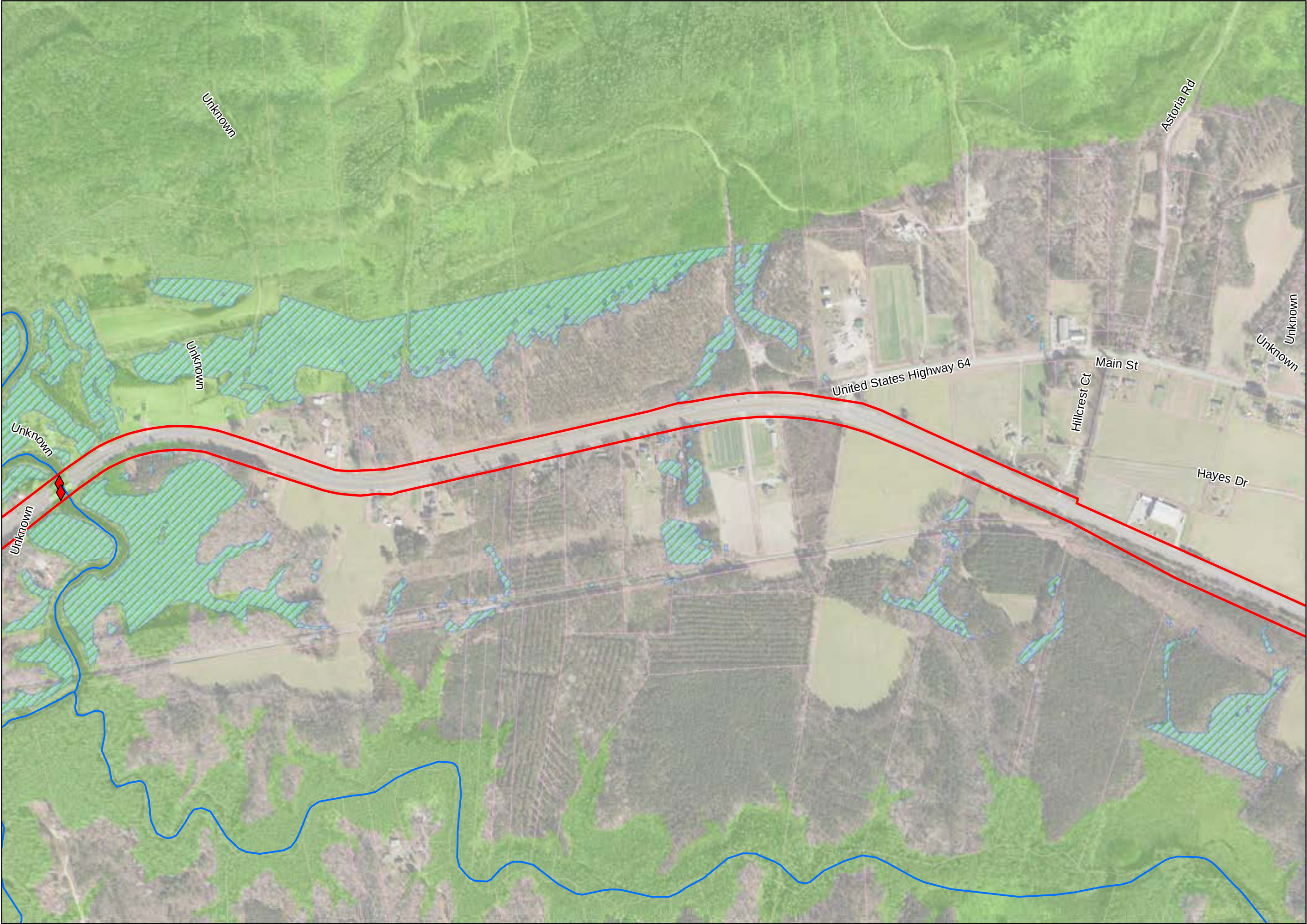
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
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ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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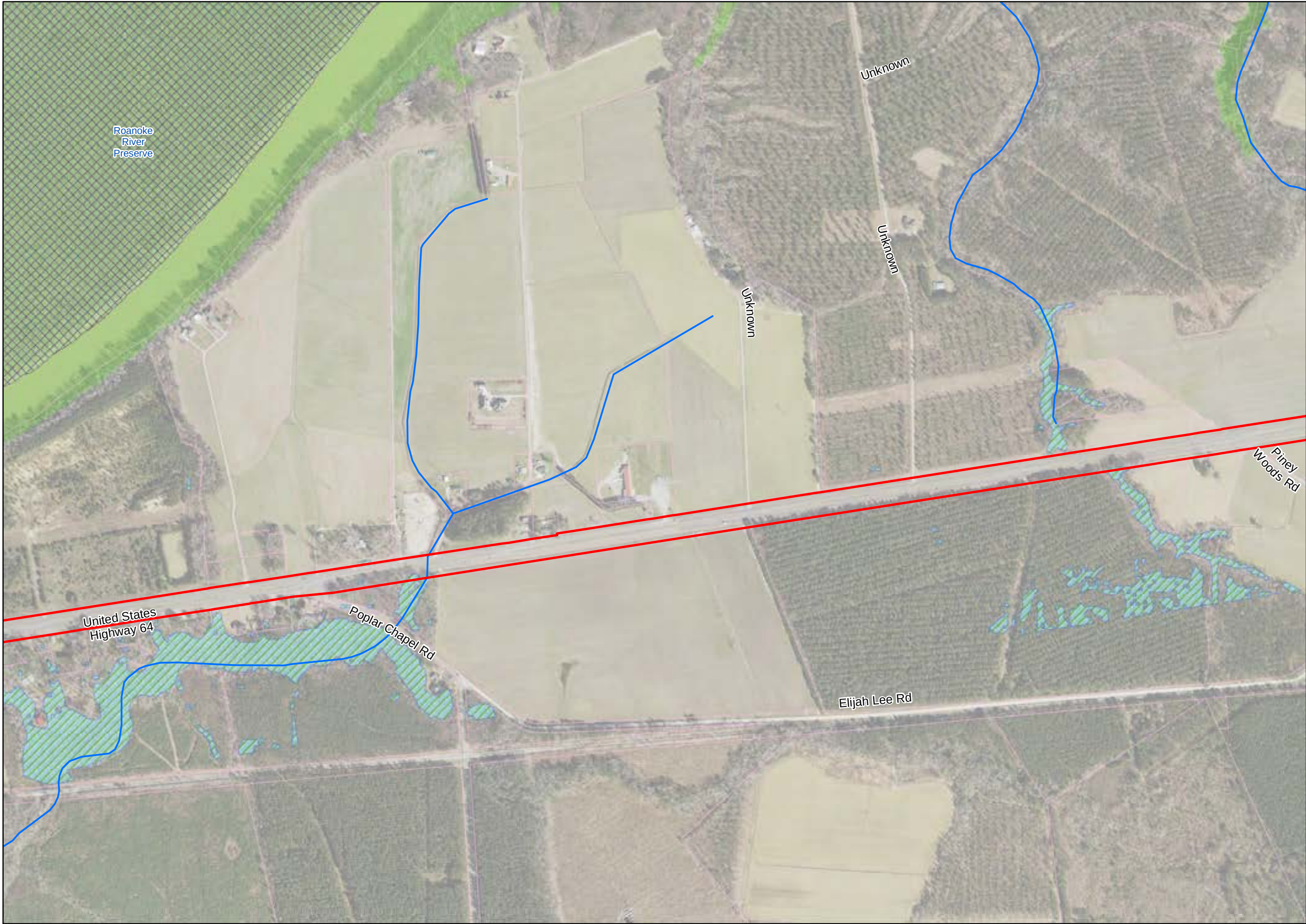
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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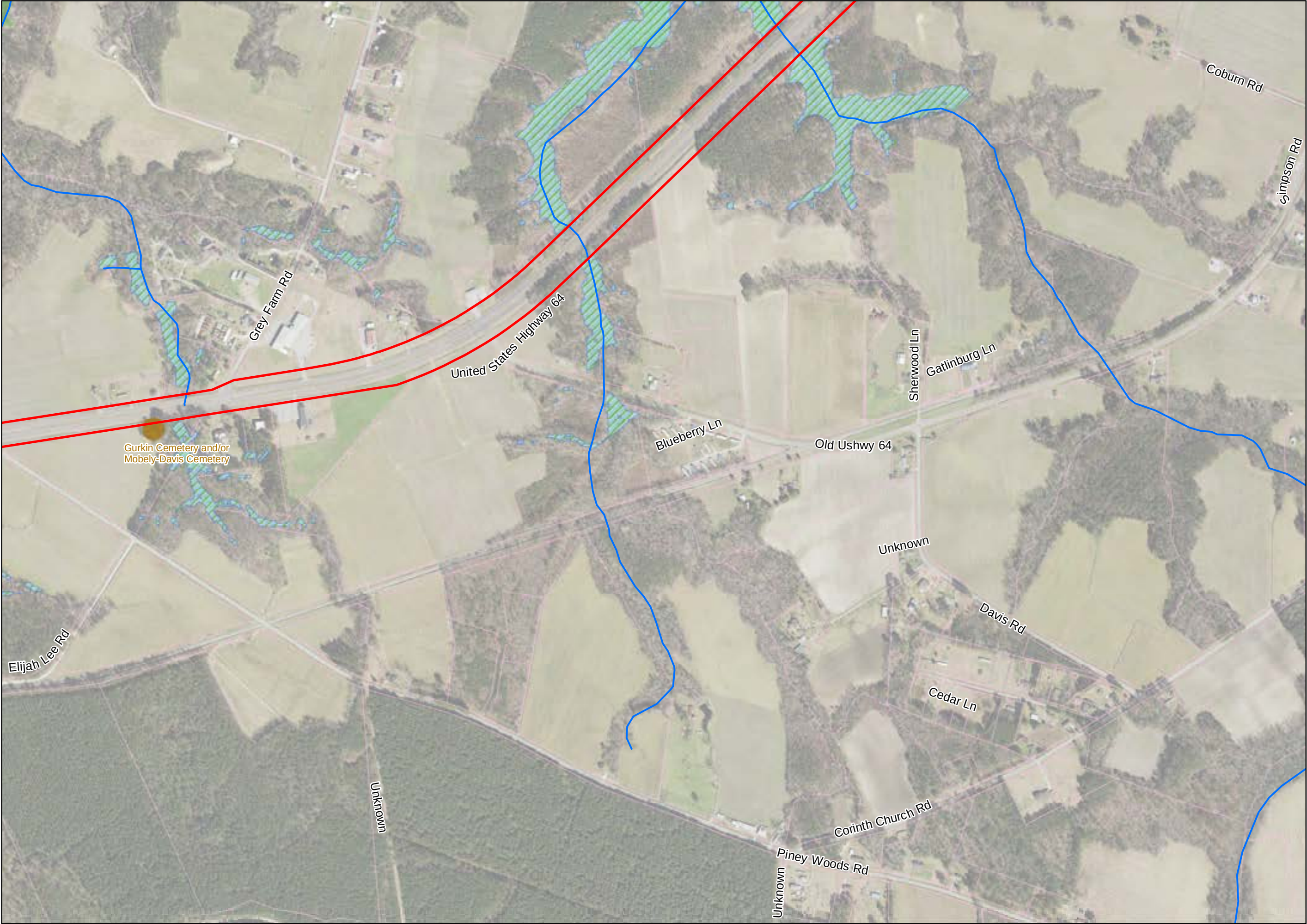
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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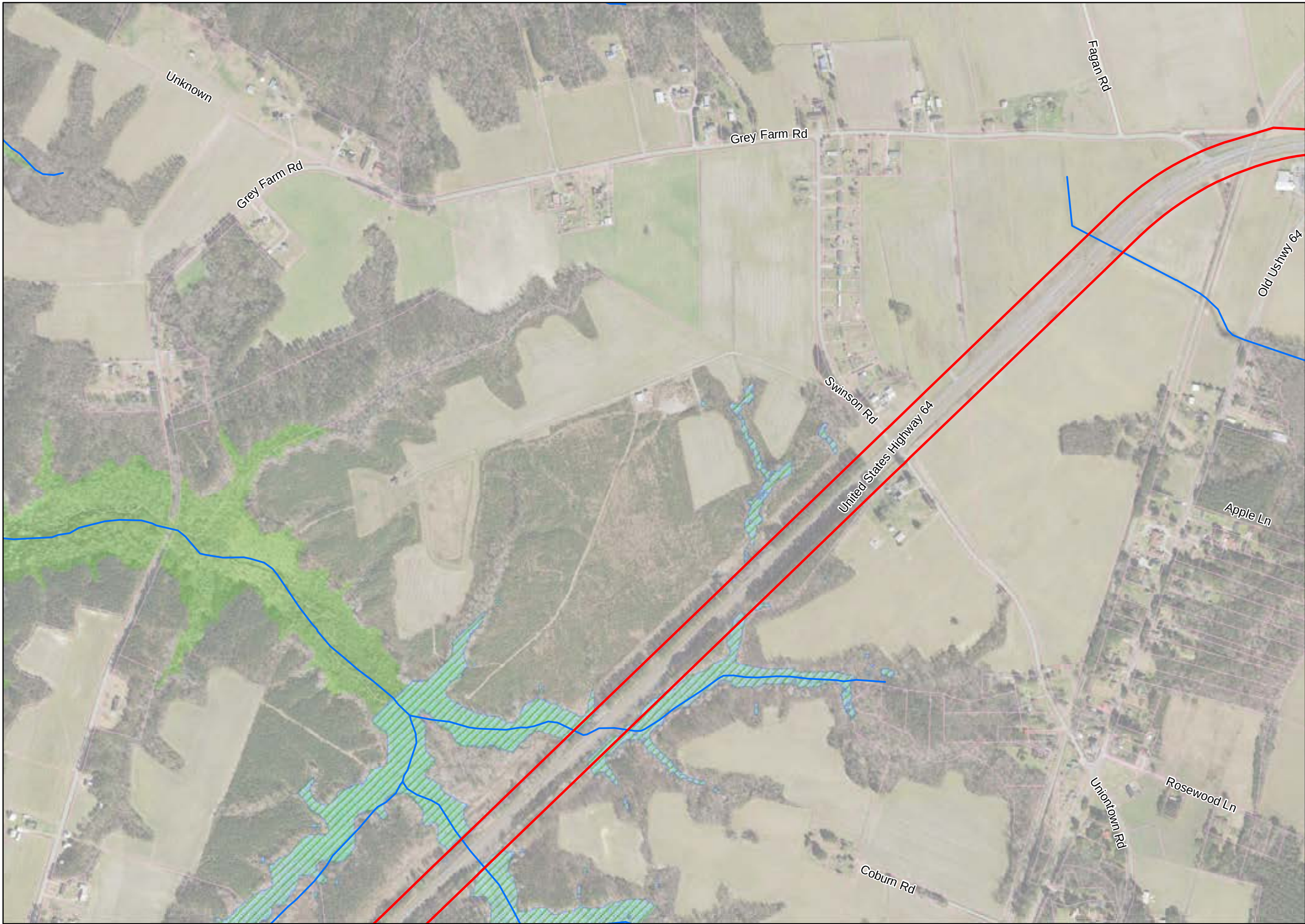
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
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ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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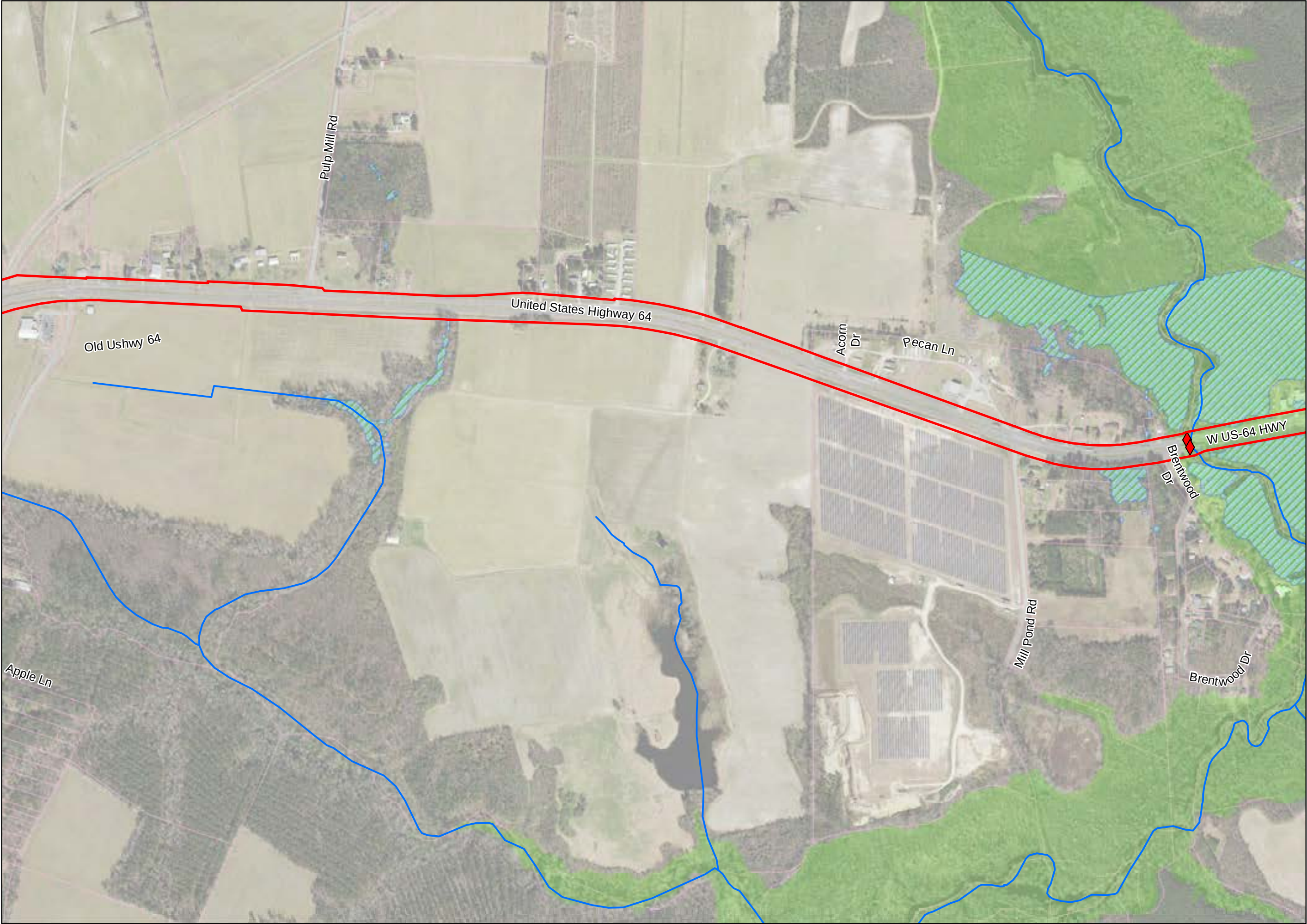
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
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ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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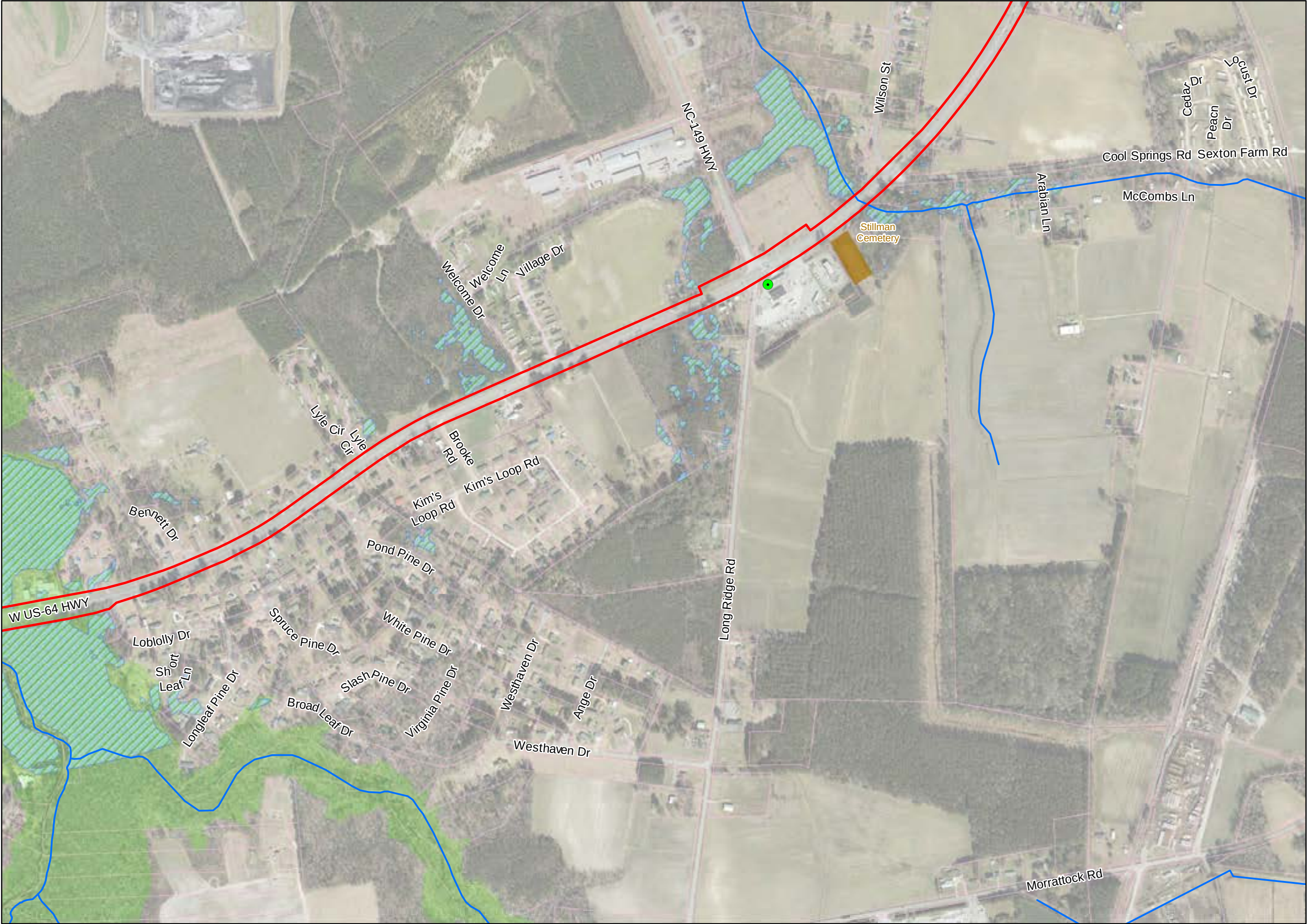
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
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ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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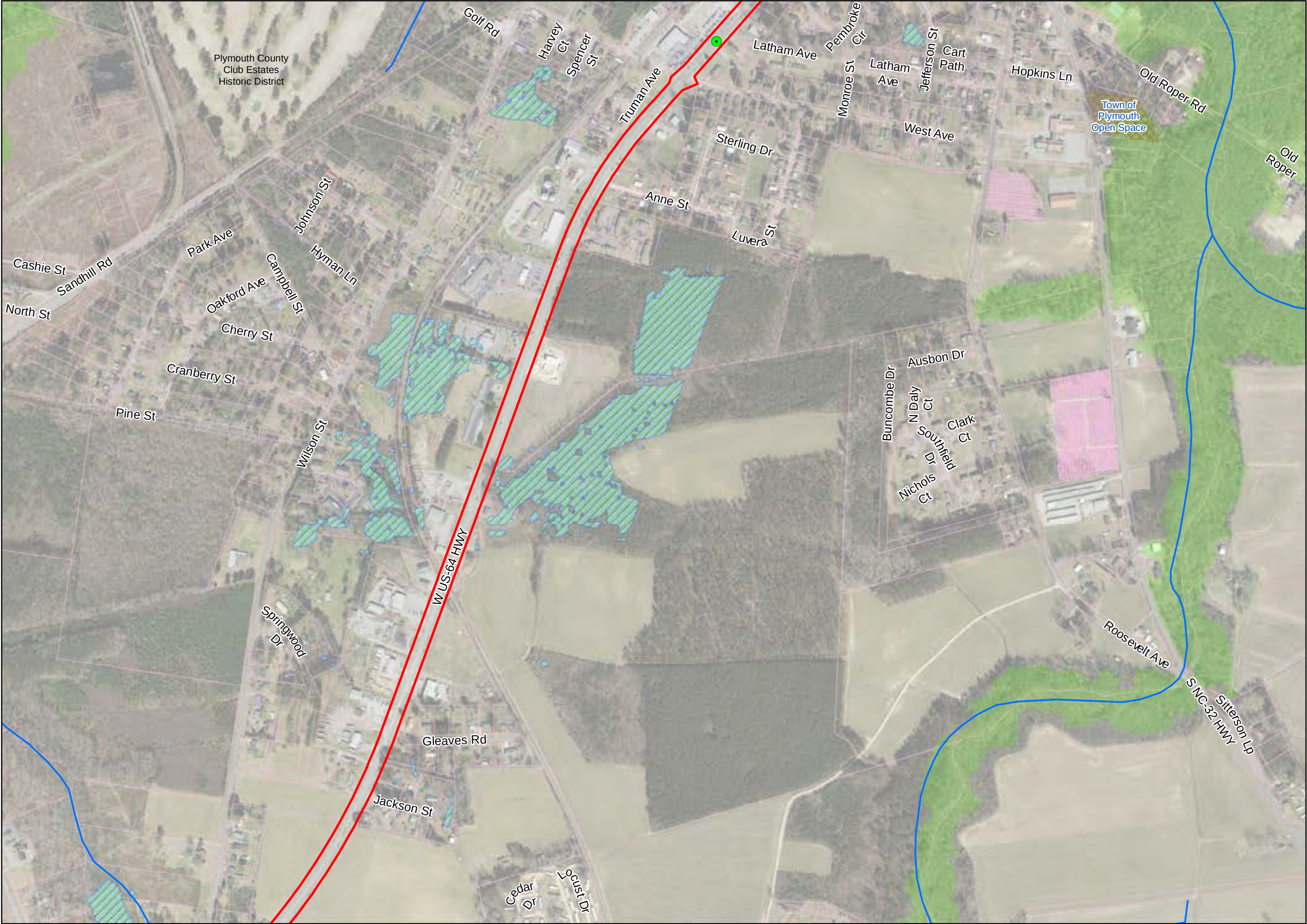
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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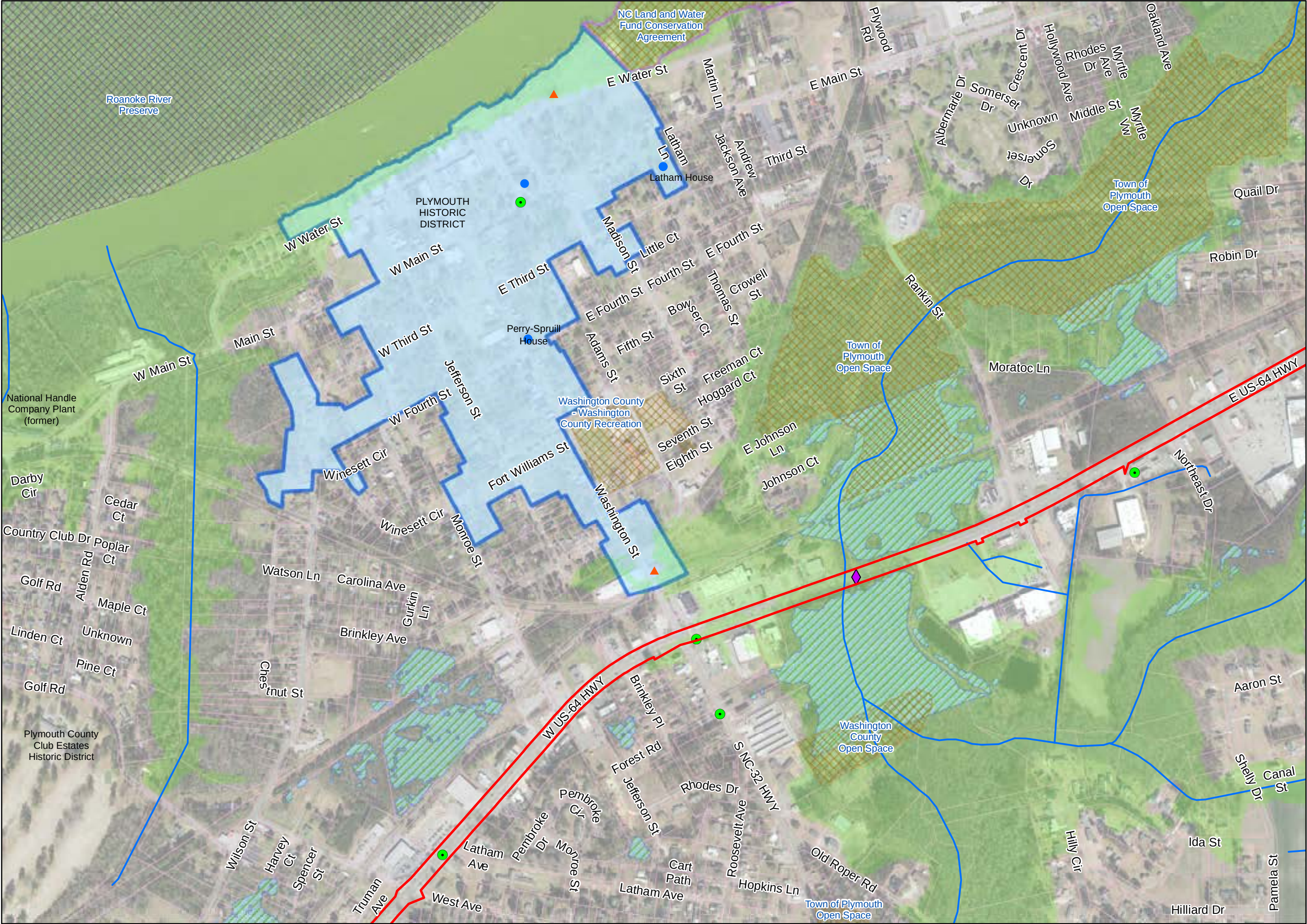
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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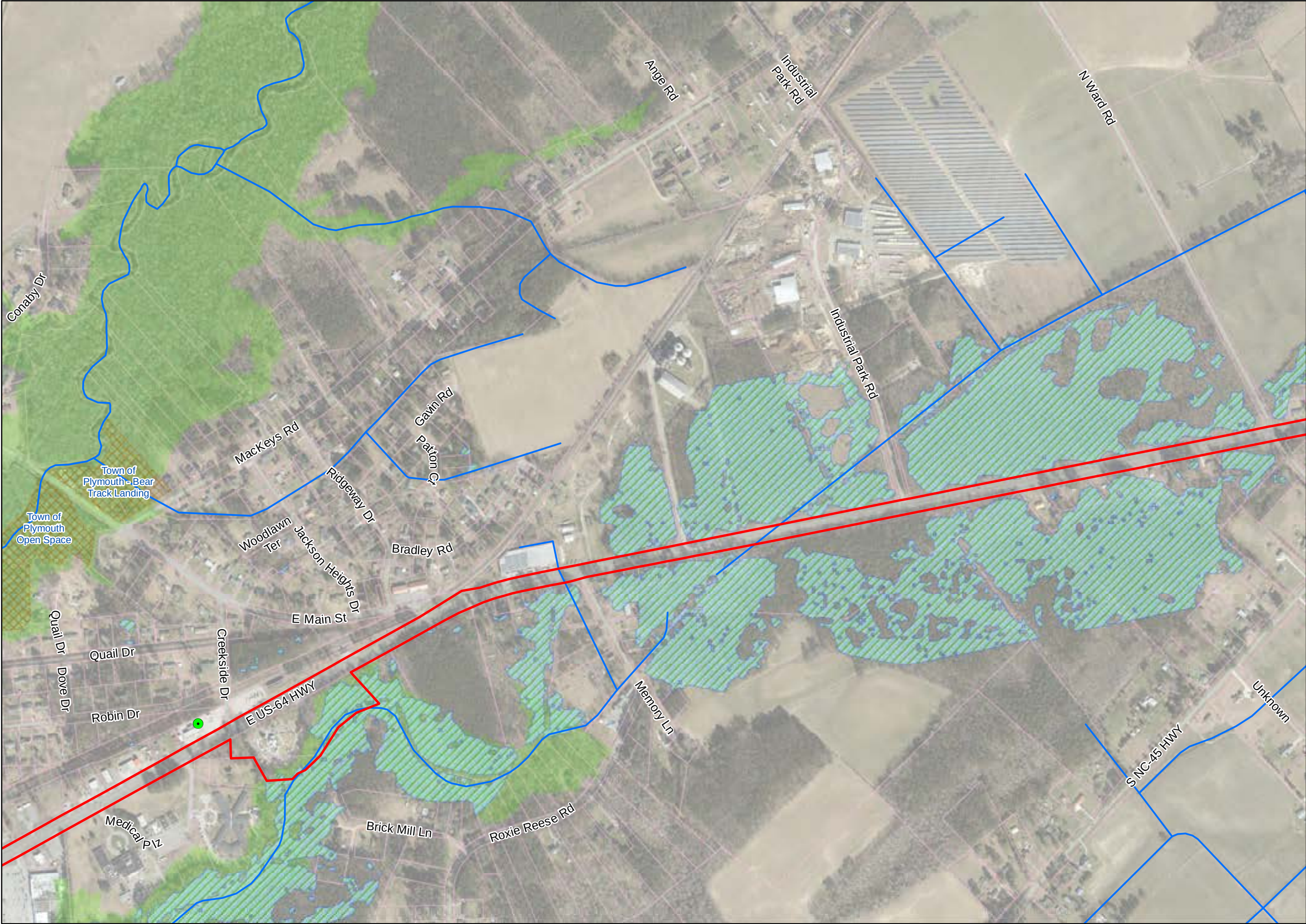
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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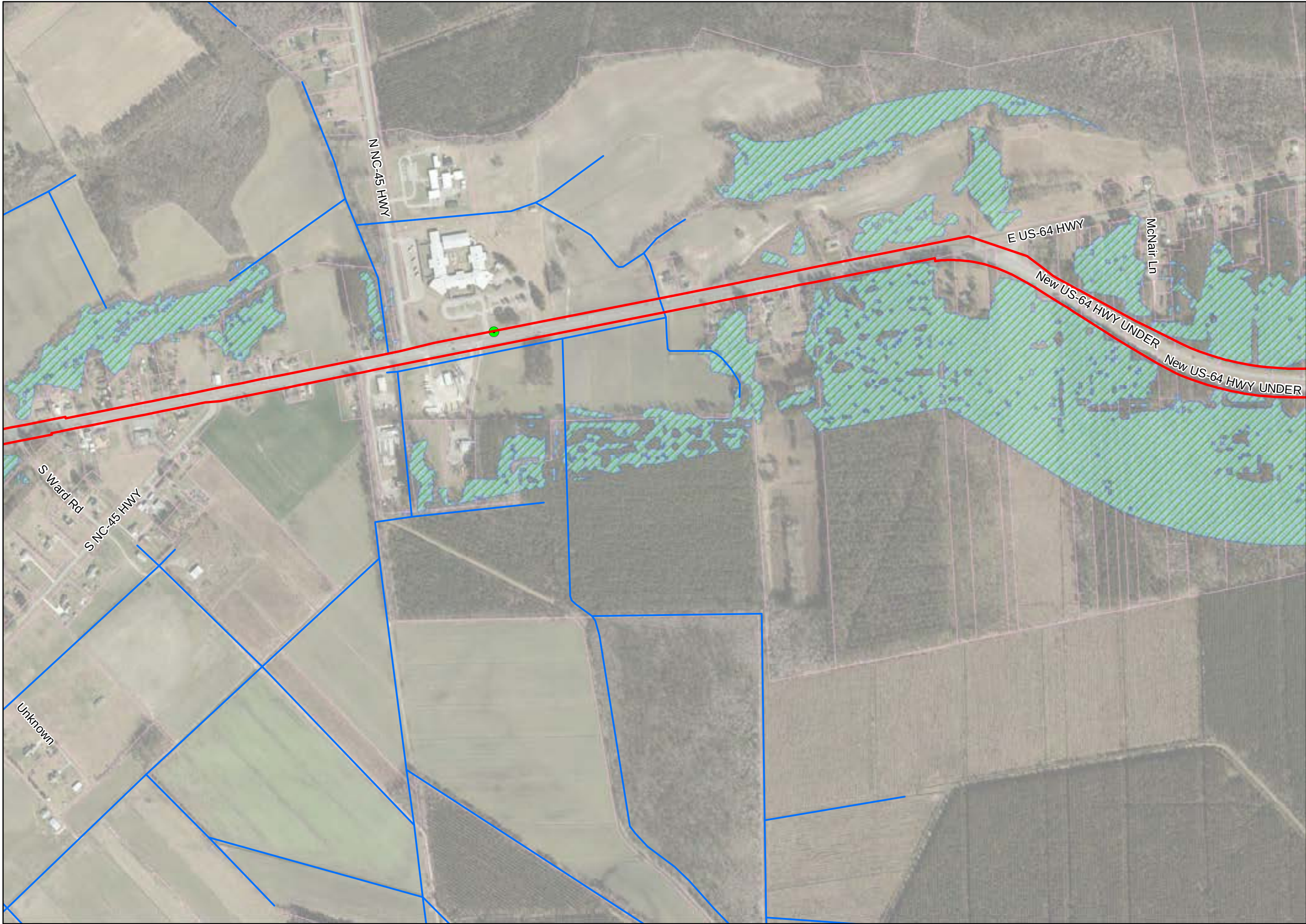
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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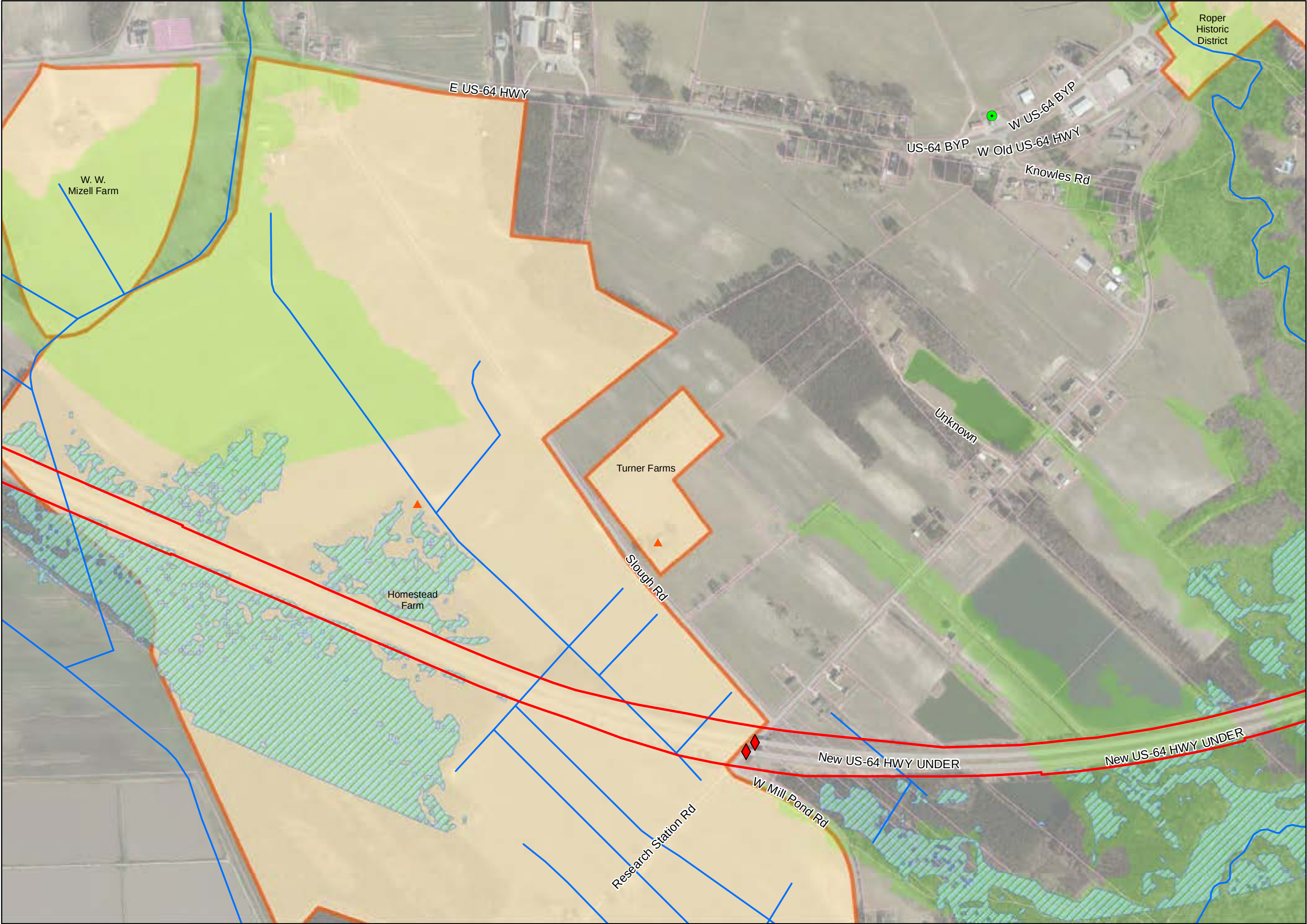
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
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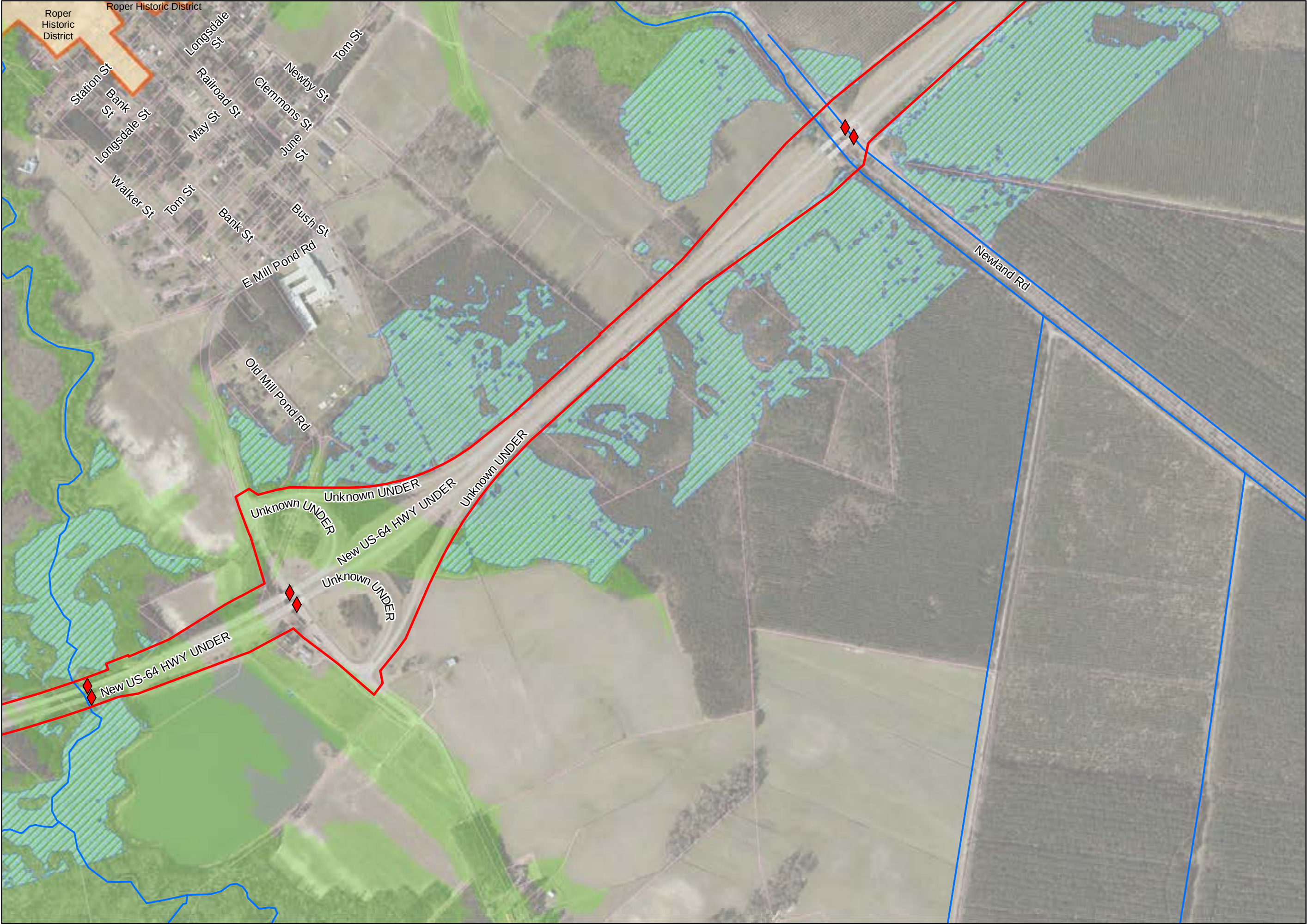
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
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NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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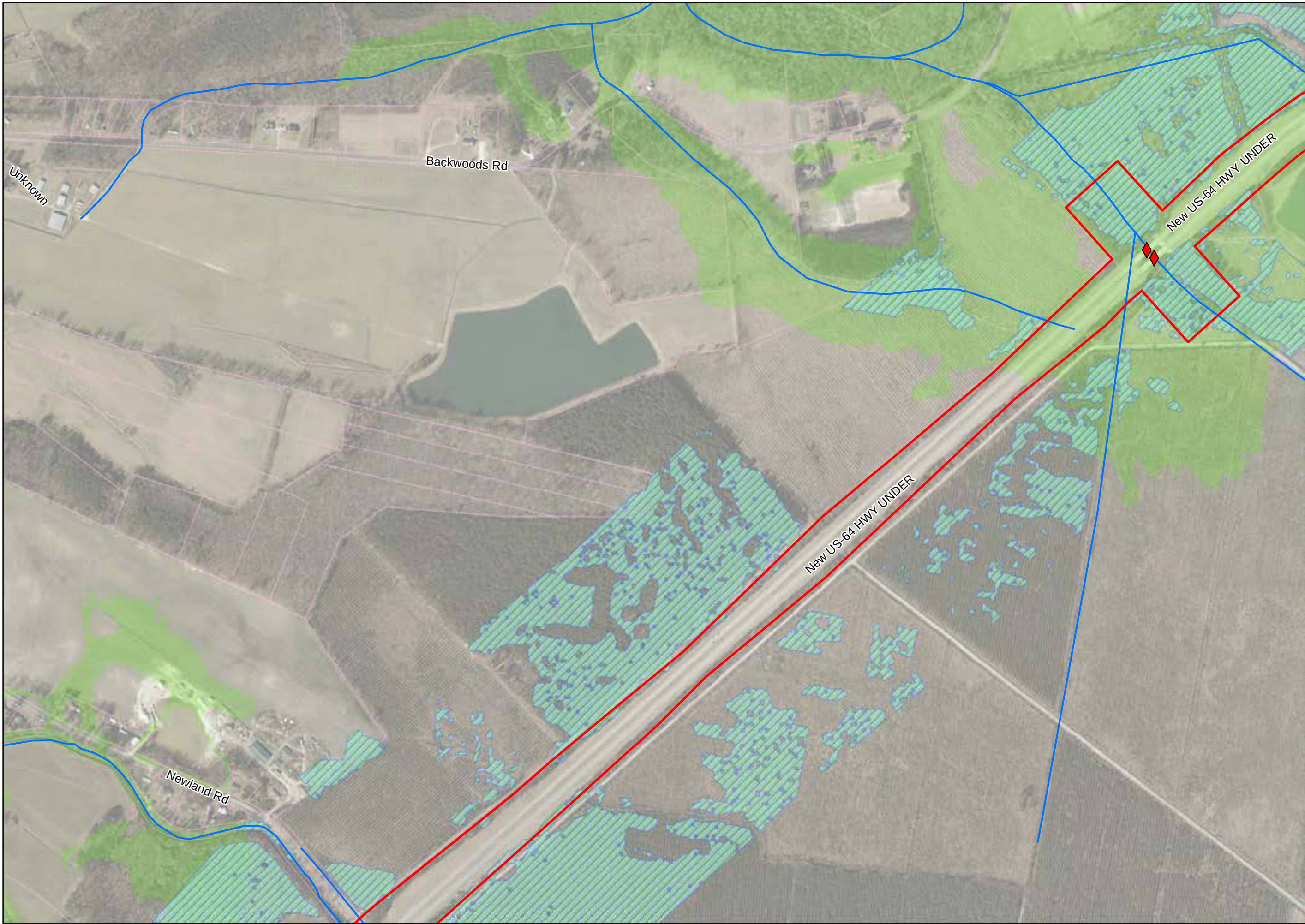
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NORTH CAROLINA
DEPARTMENT
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DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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NORTH CAROLINA
DEPARTMENT
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DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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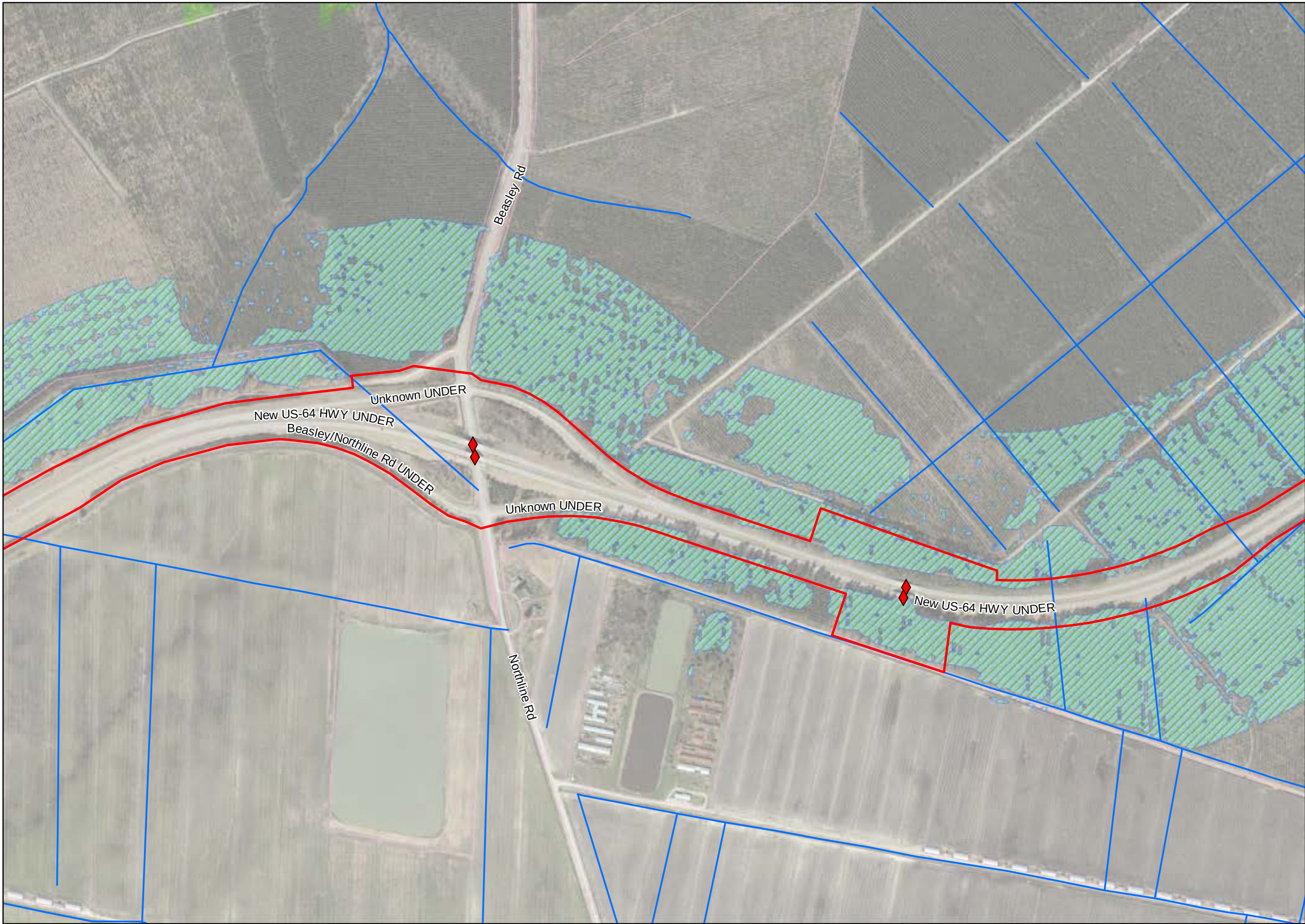
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SEPTEMBER 2024

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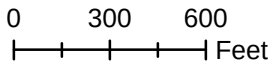


NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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C ROWELLS

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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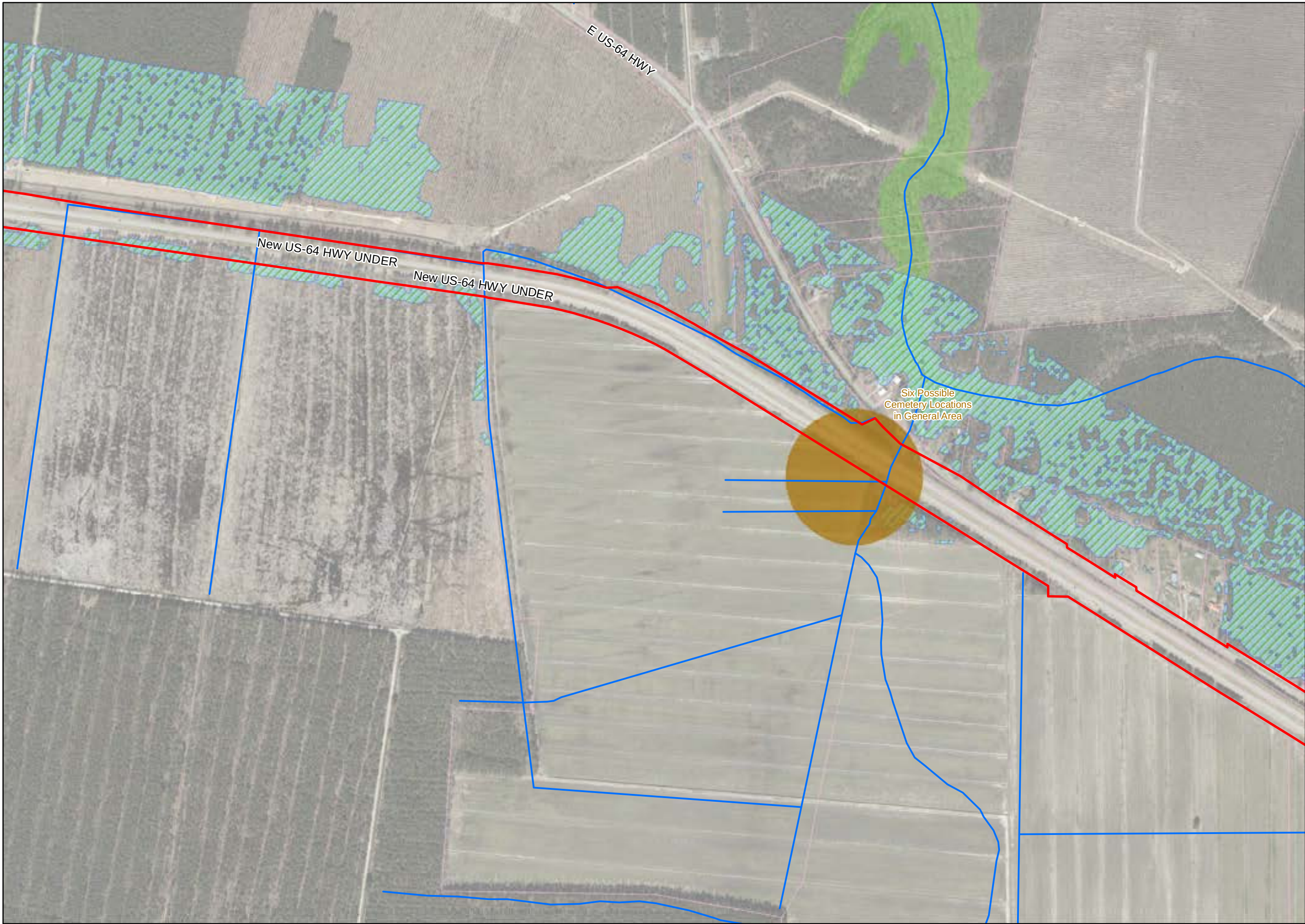
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES

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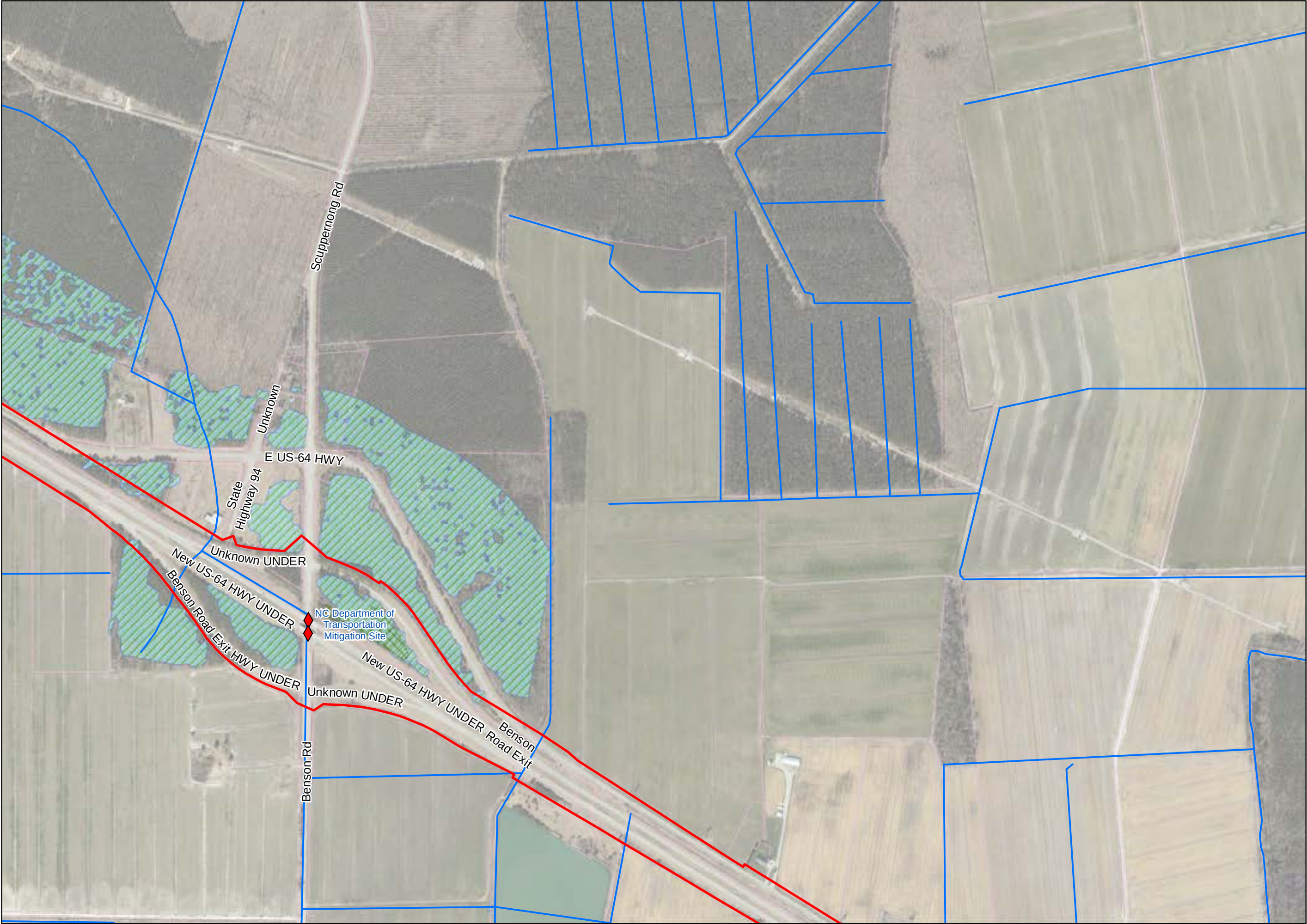
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
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ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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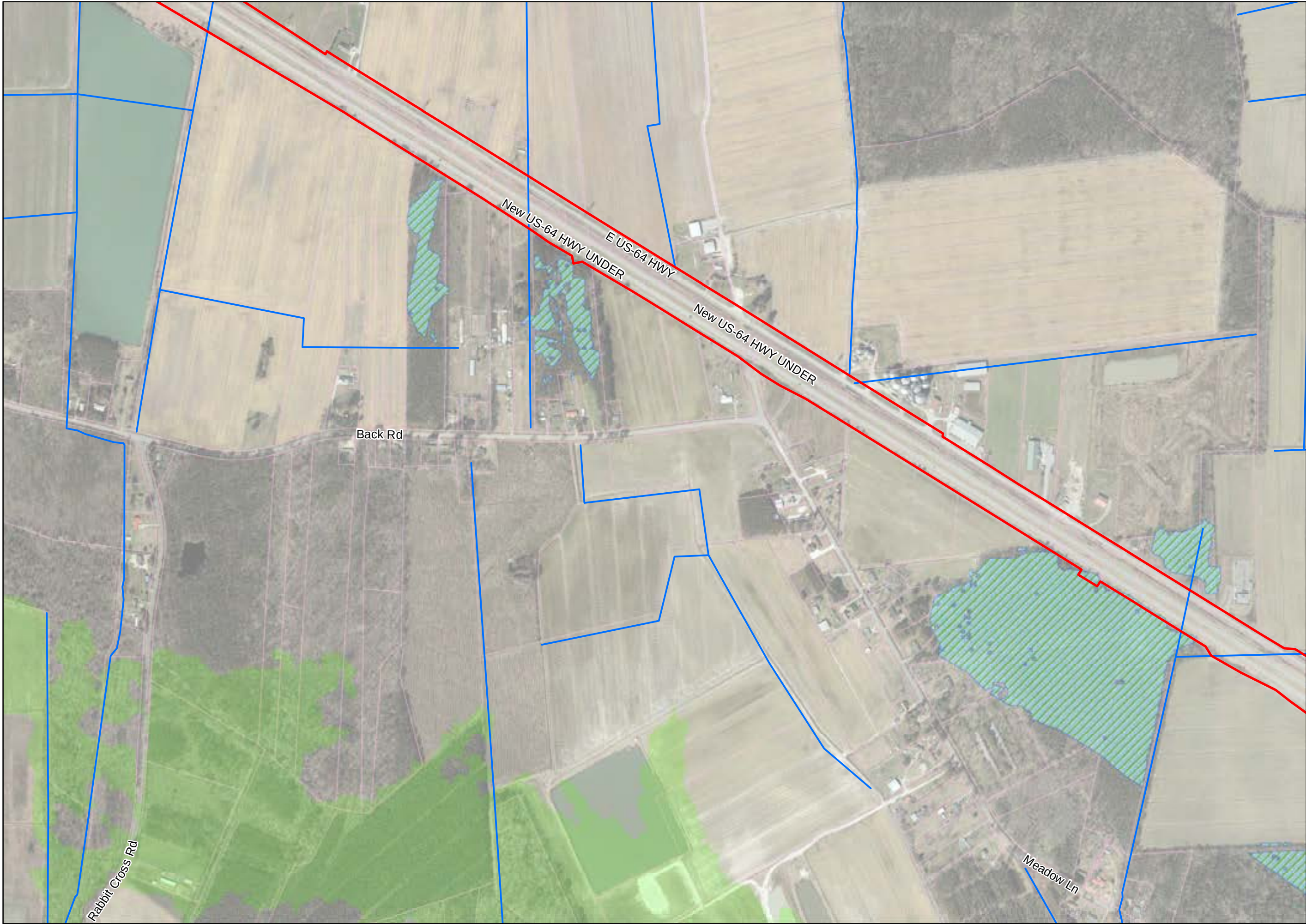
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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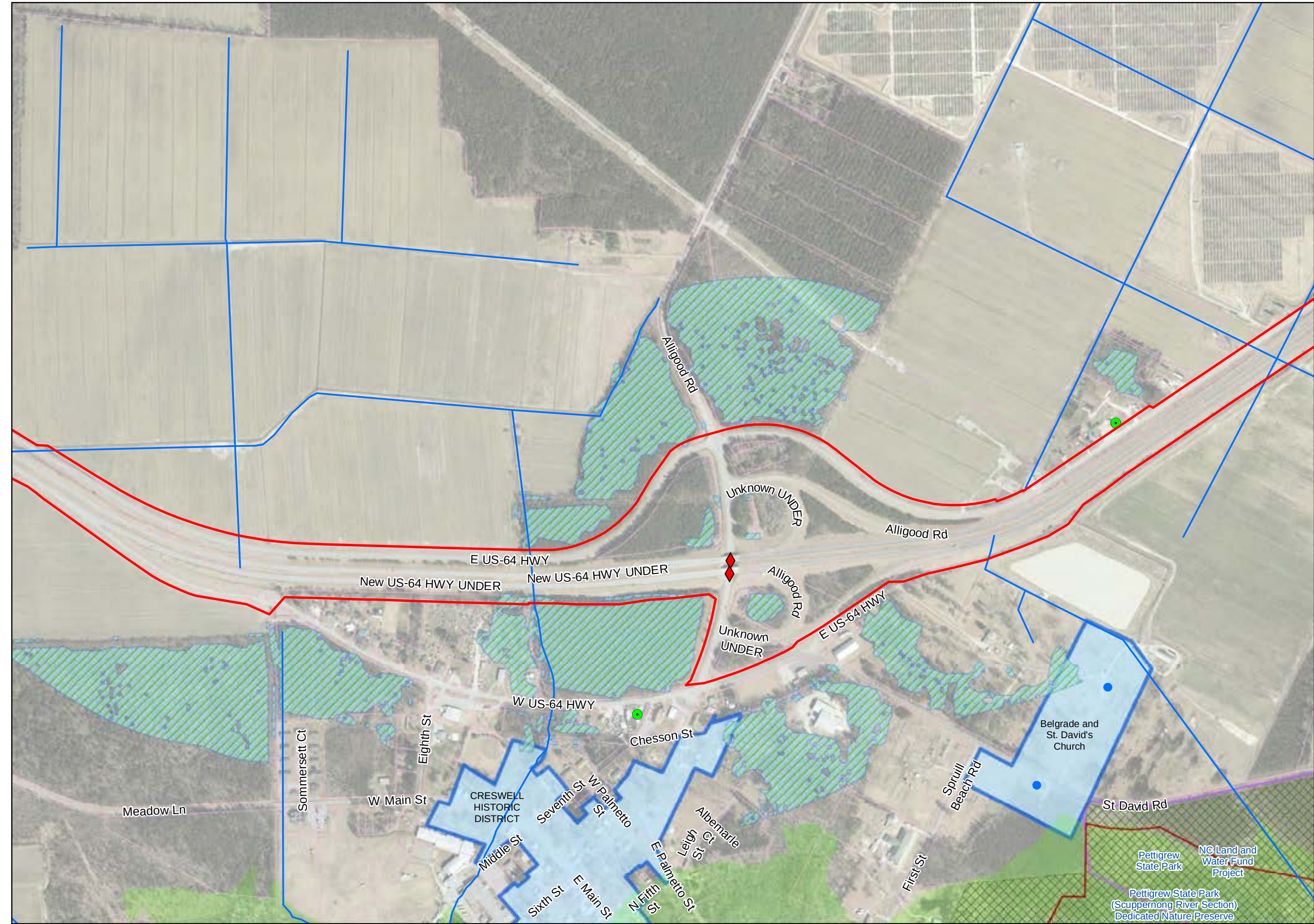
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
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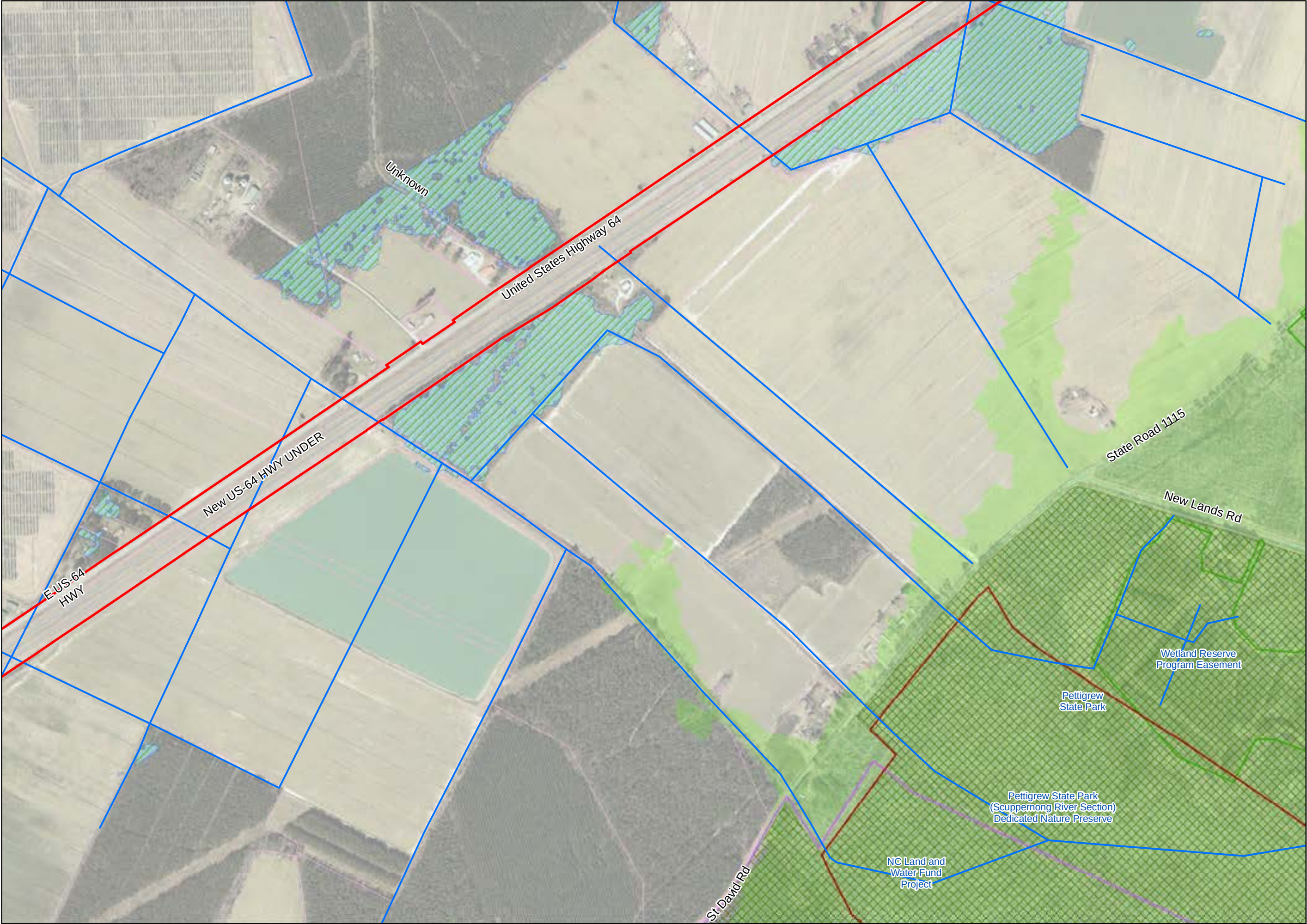
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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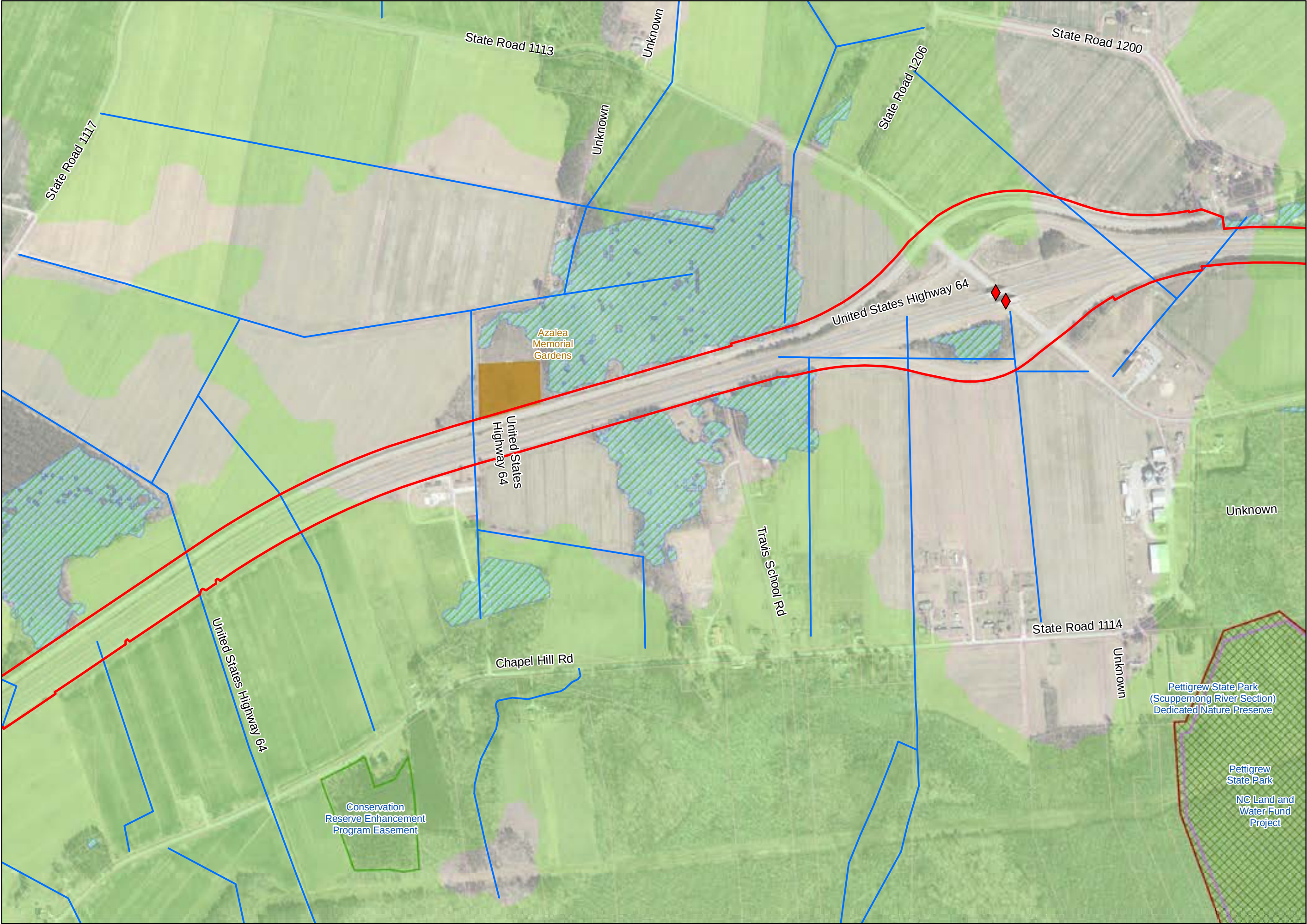
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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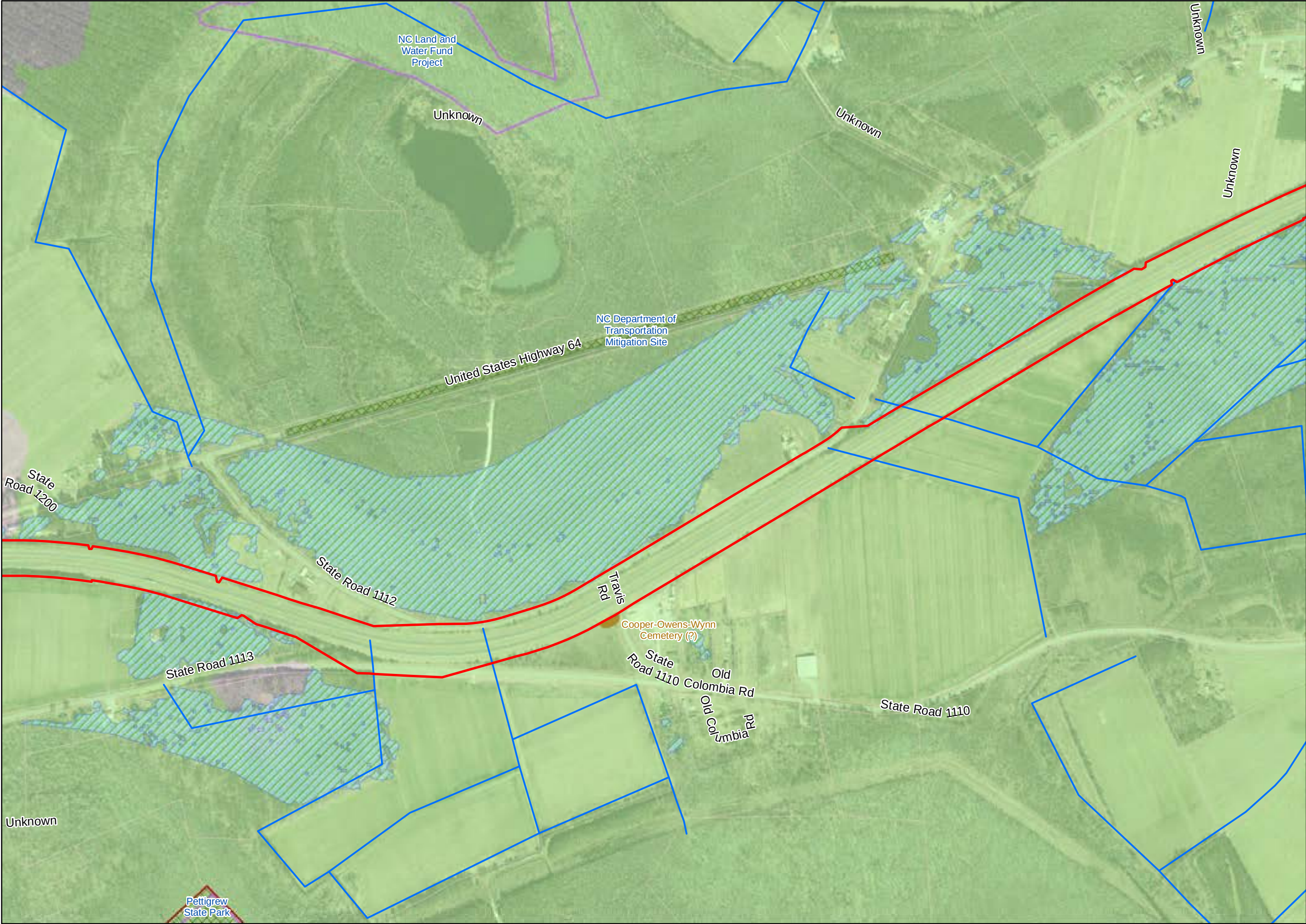
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
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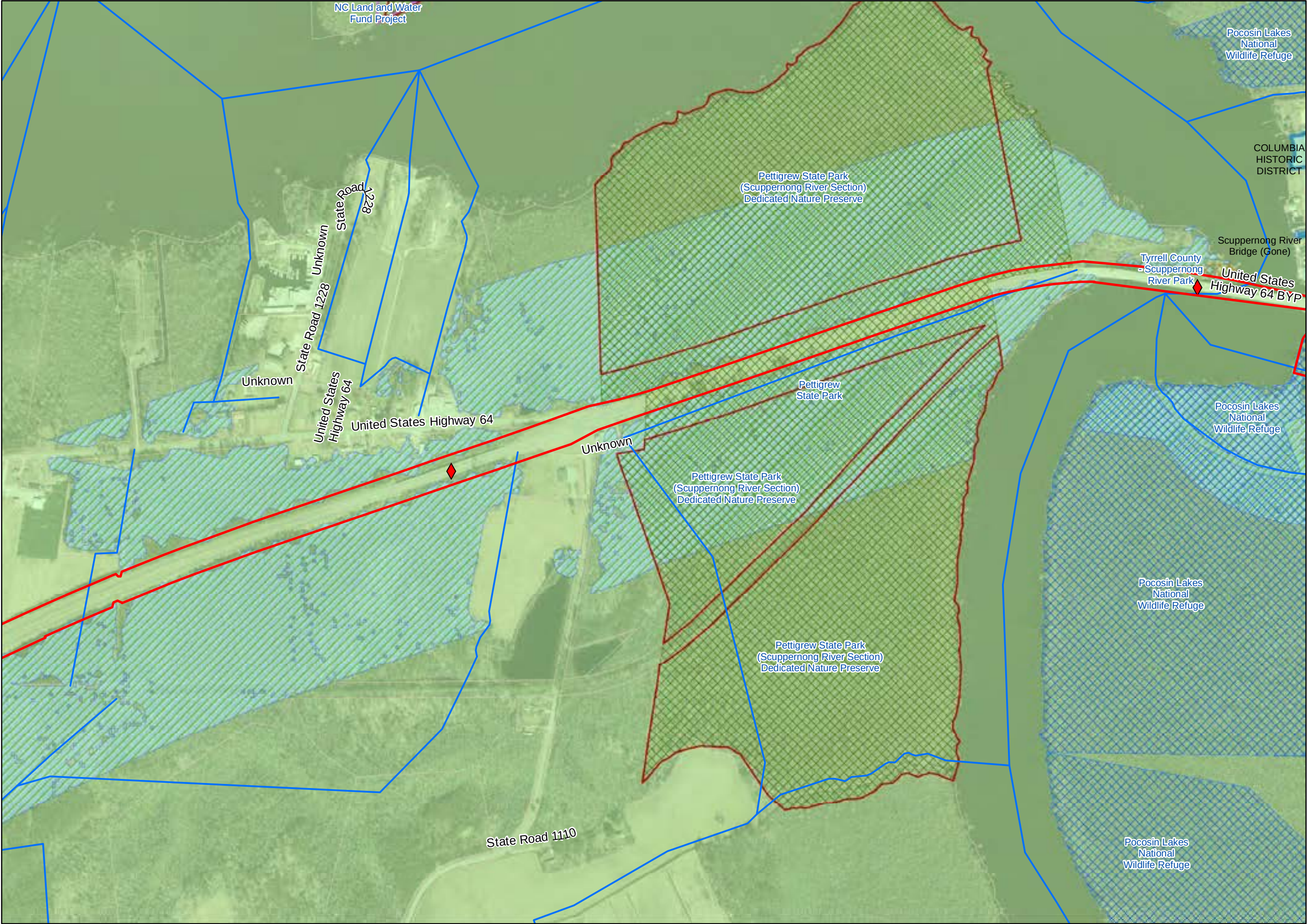
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

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WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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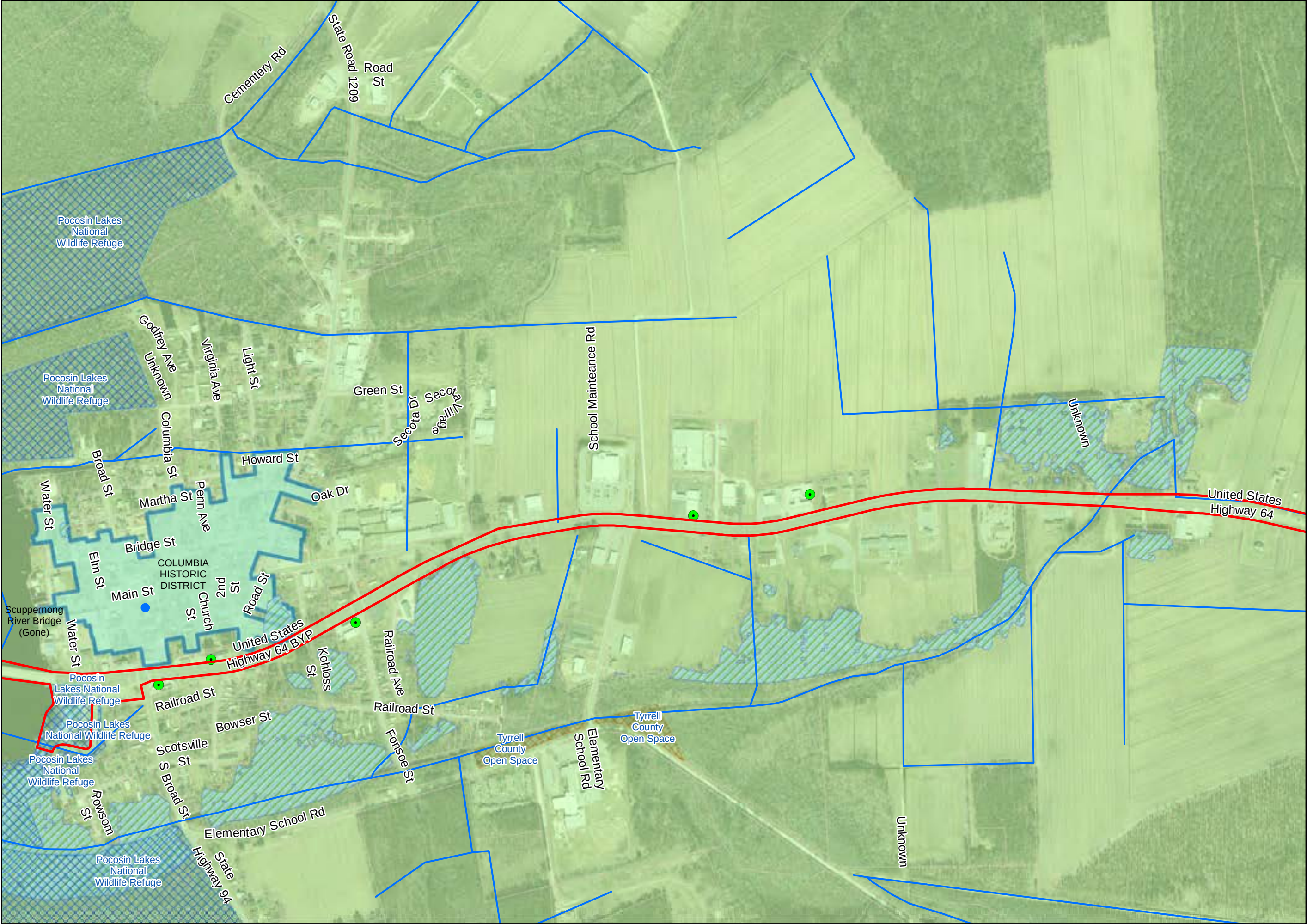
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

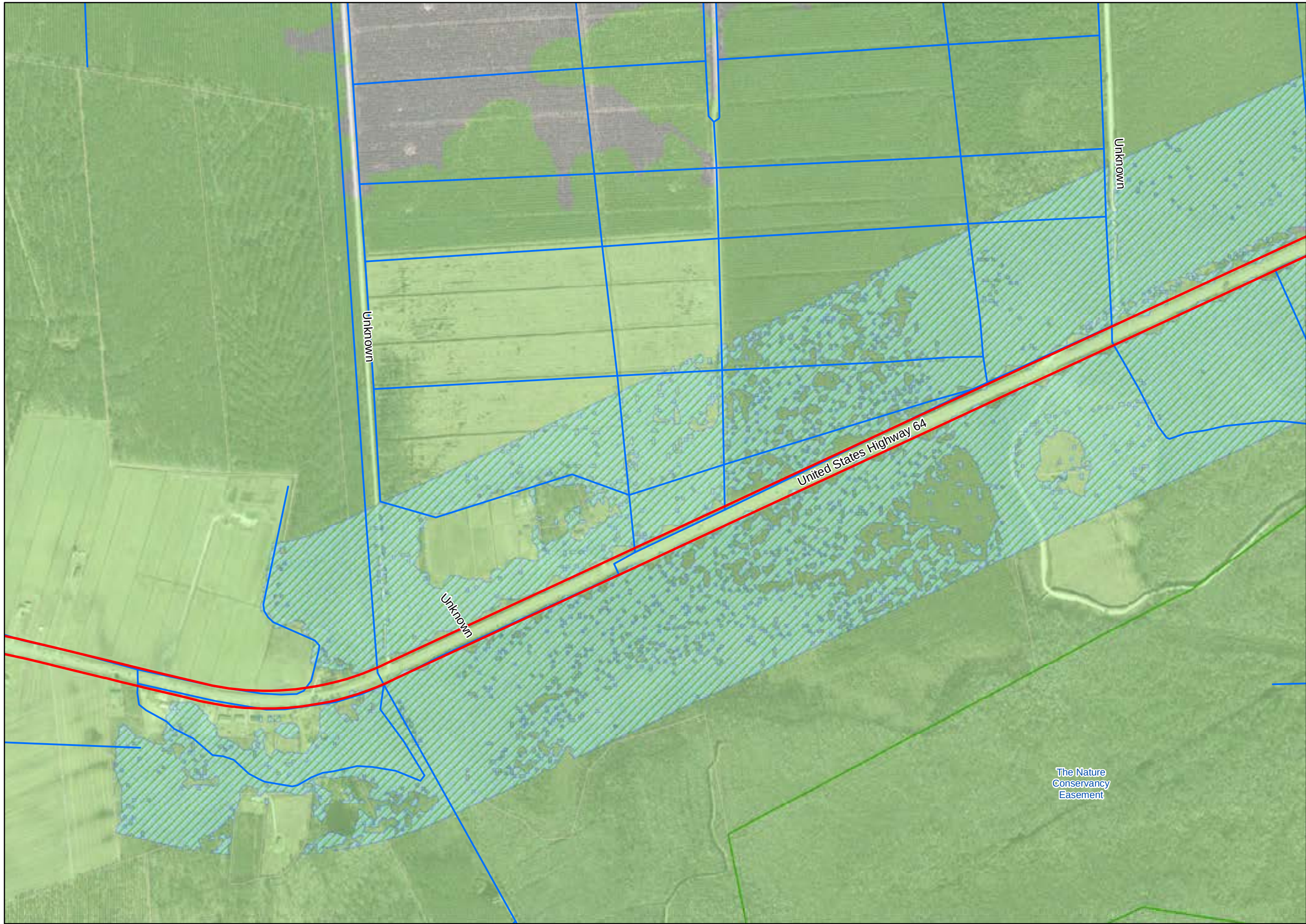
STIP#
HB-0001A

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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

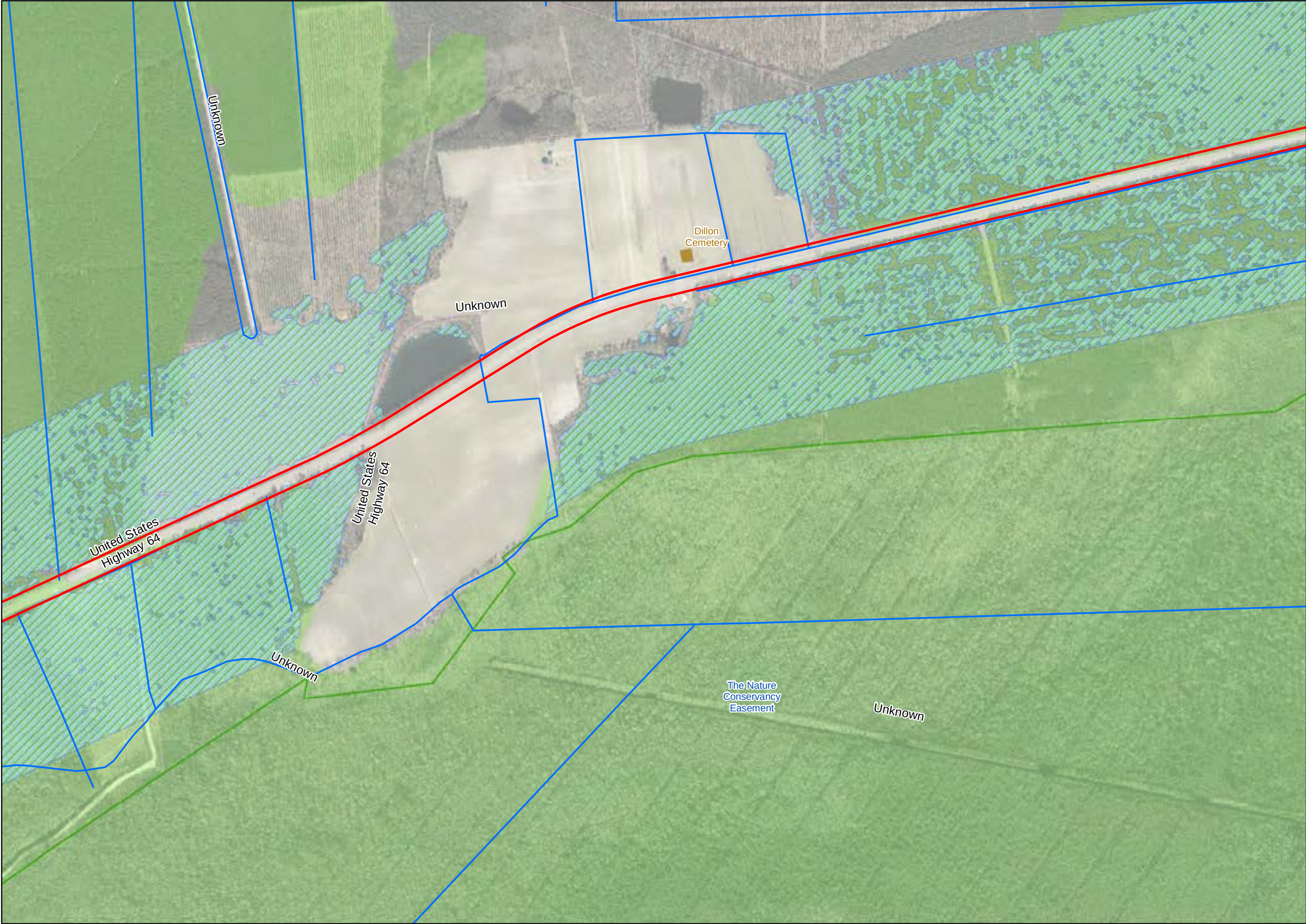
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

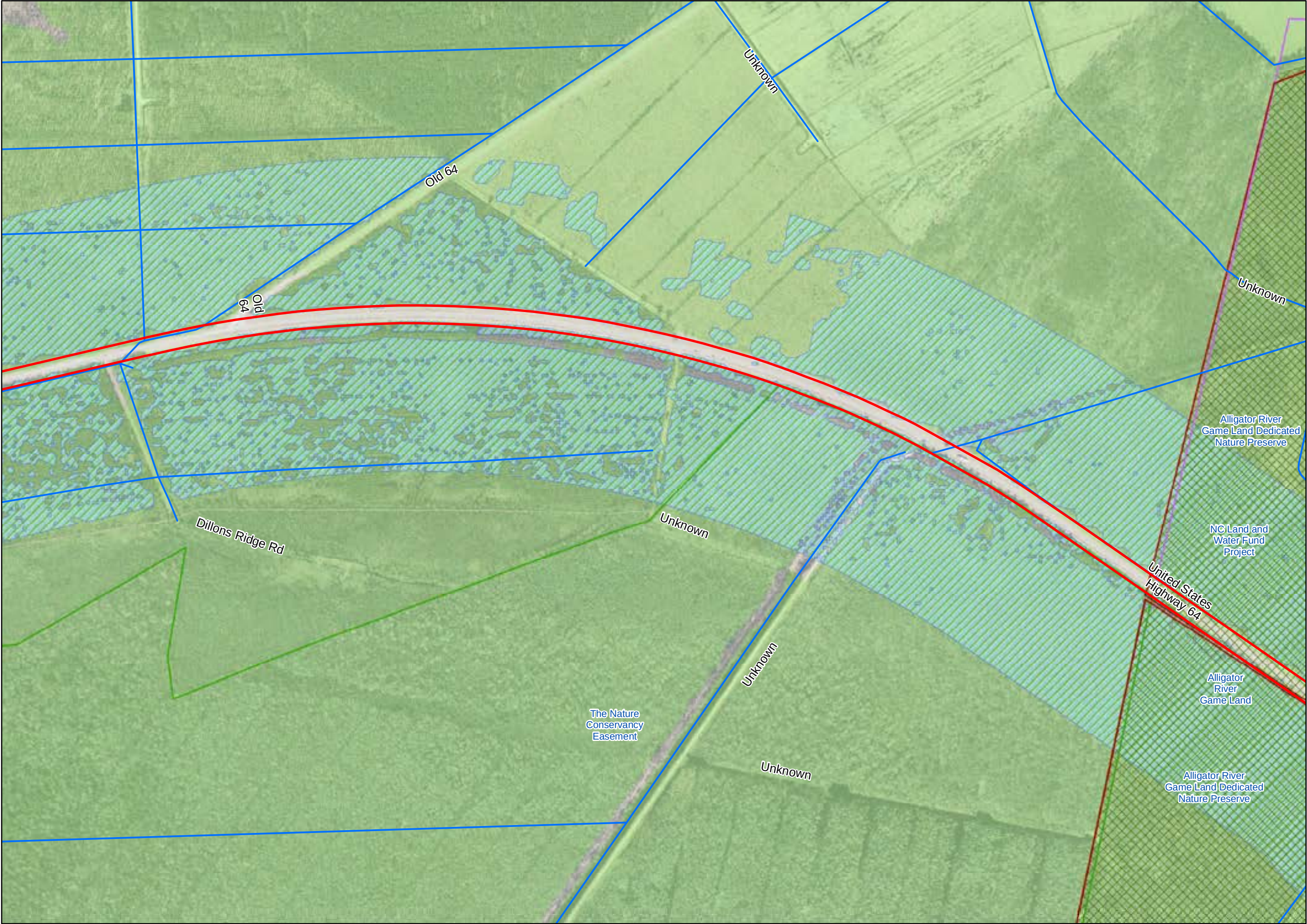
Div: STIP#
1 & 4 HB-0001A

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SEPTEMBER 2024

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

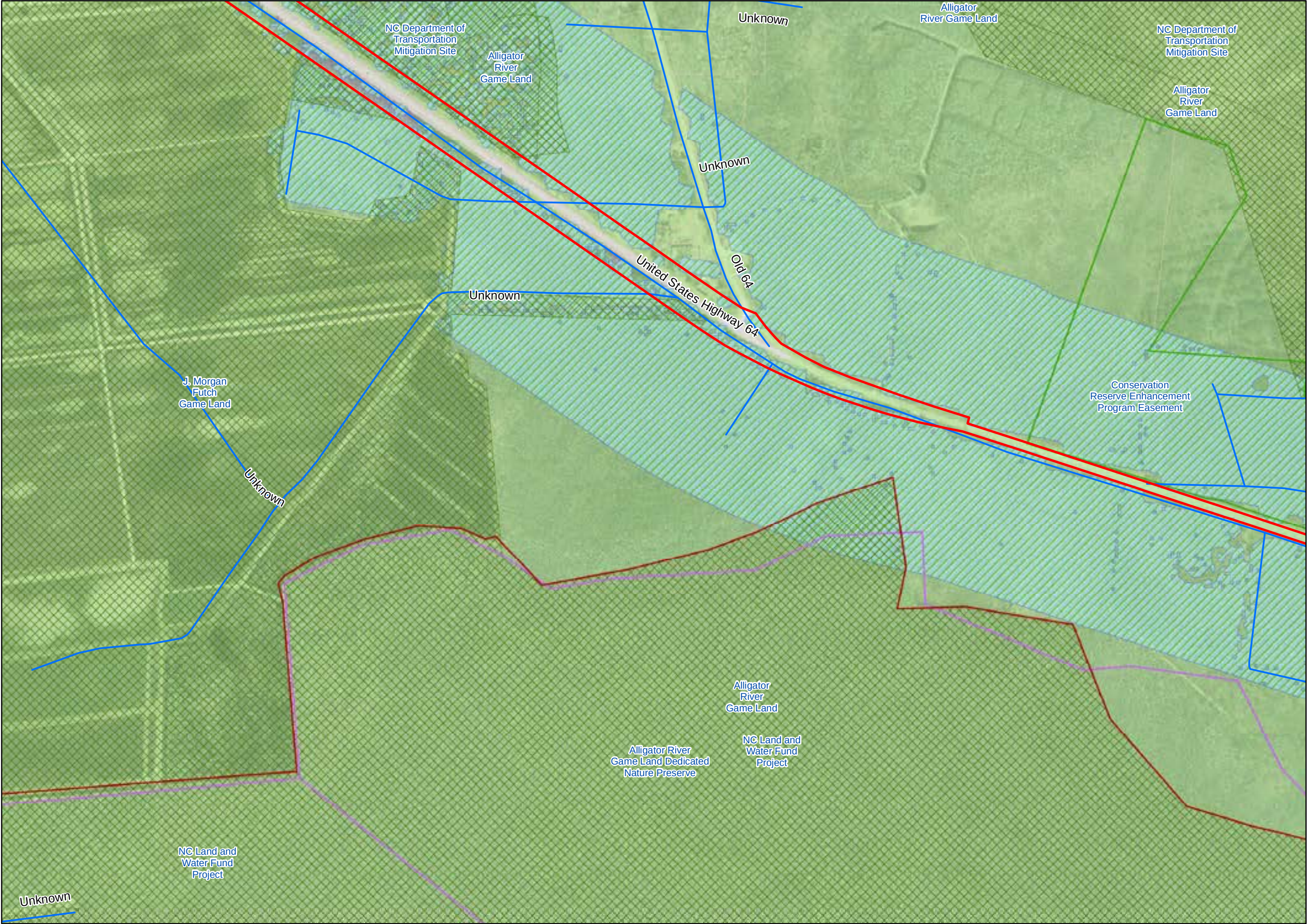
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

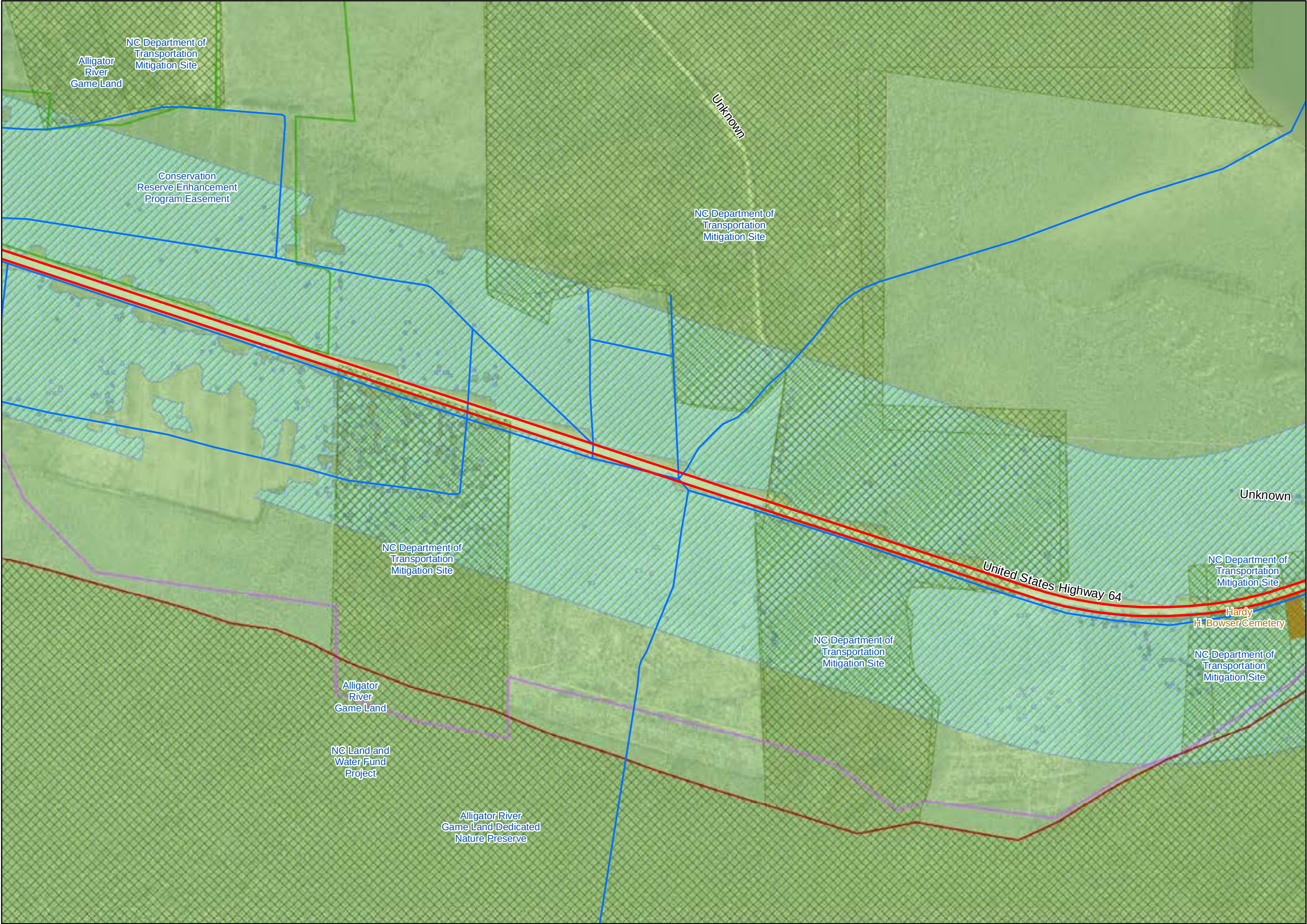
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

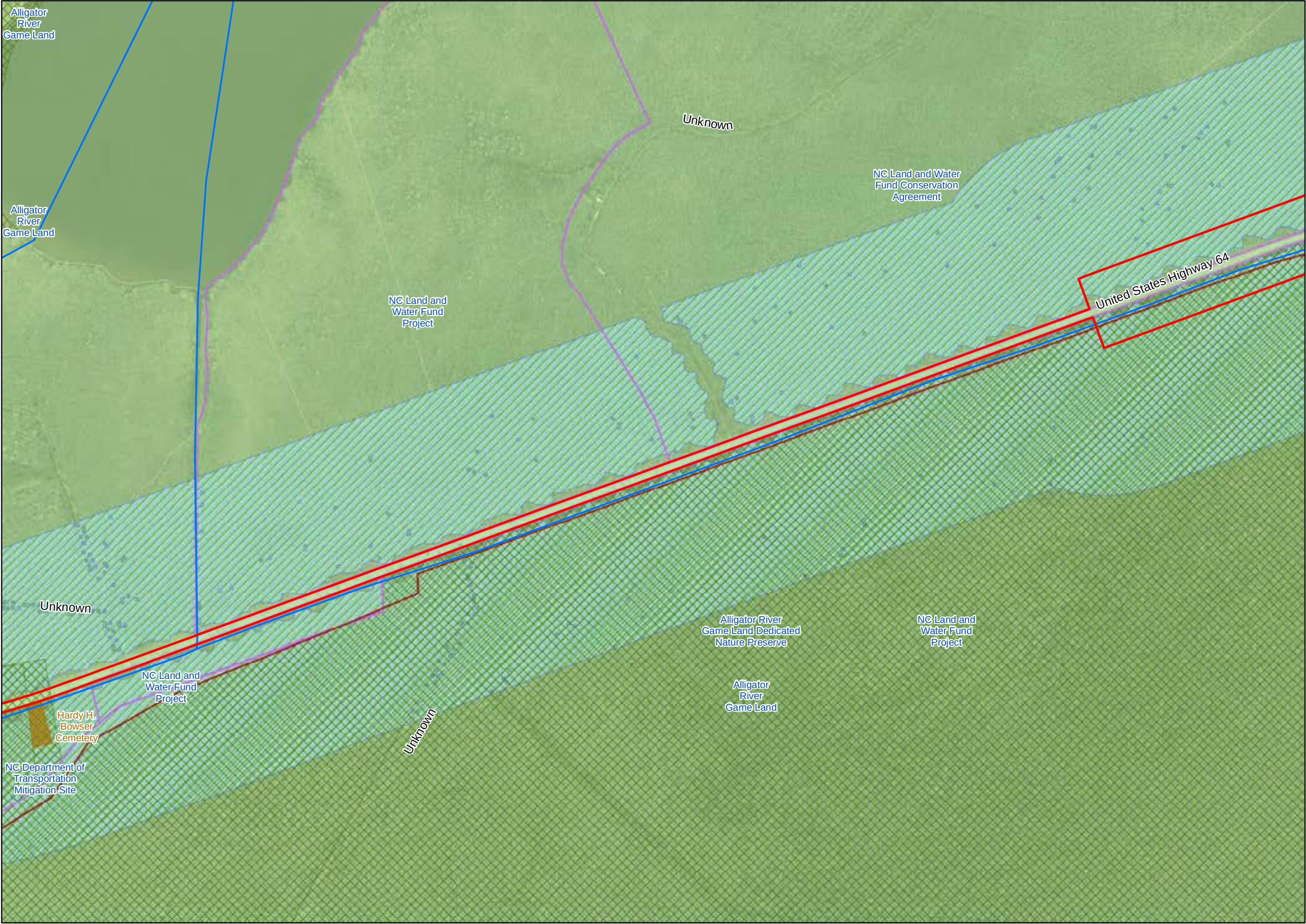
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

STIP#
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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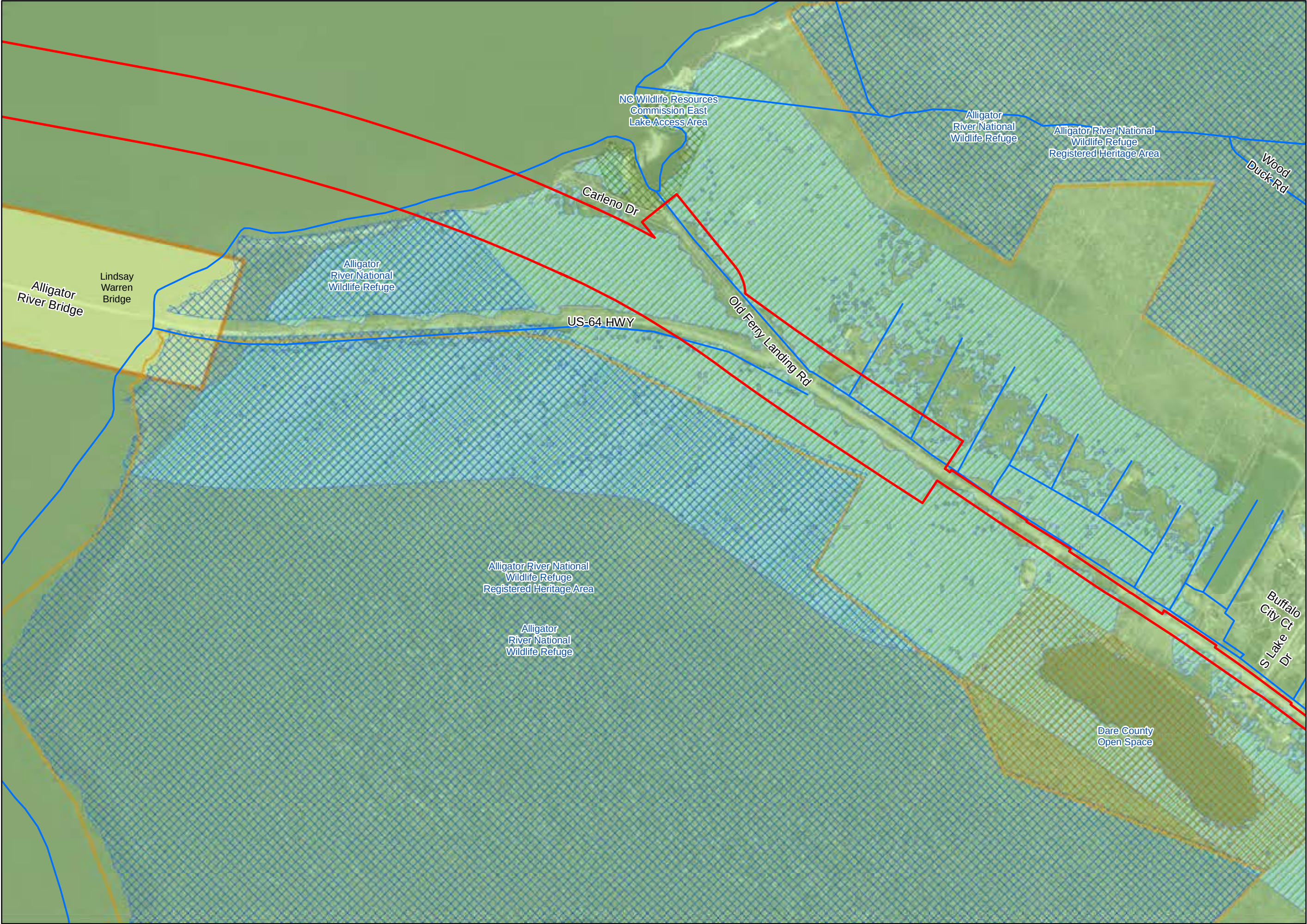
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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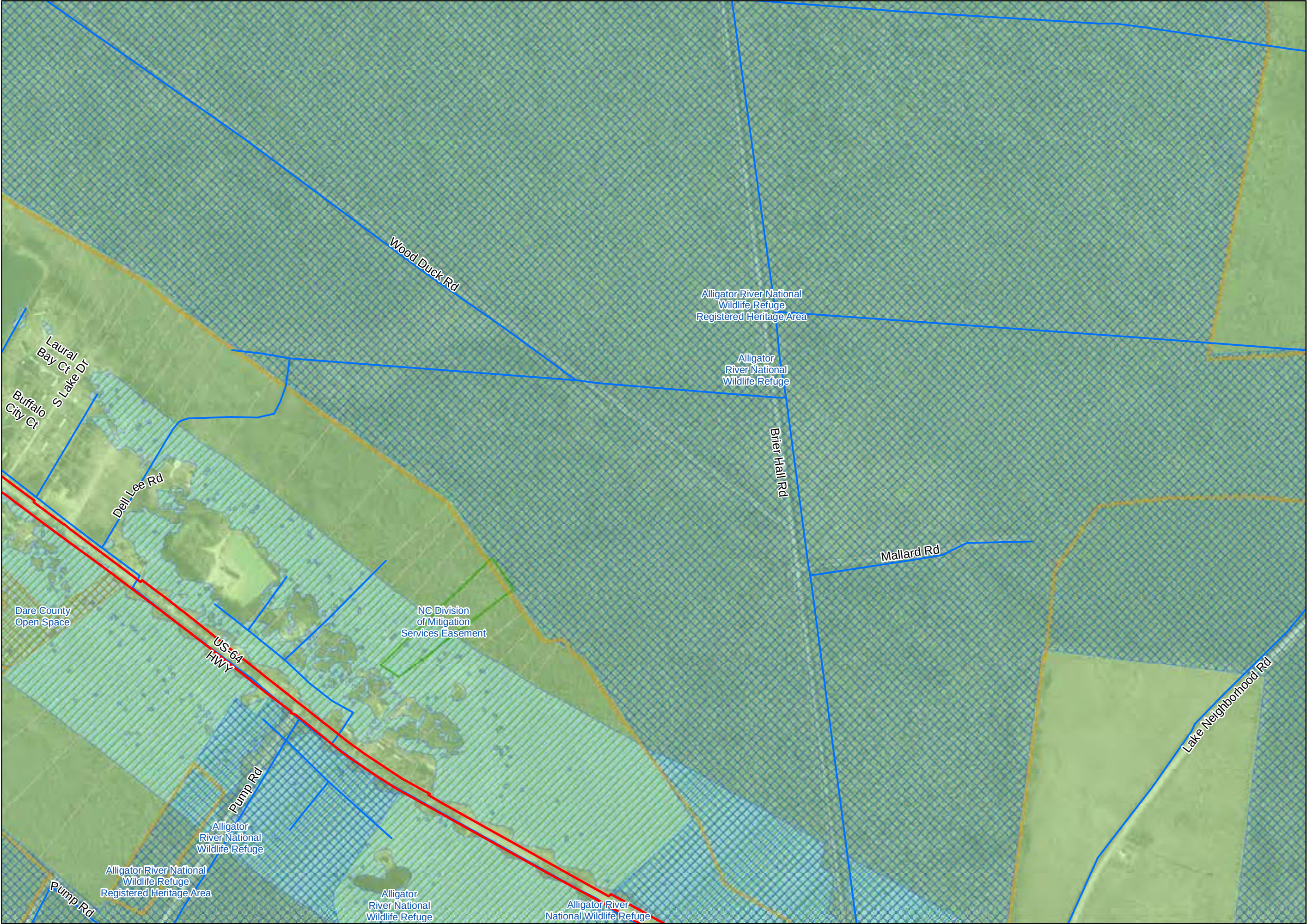
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Div:
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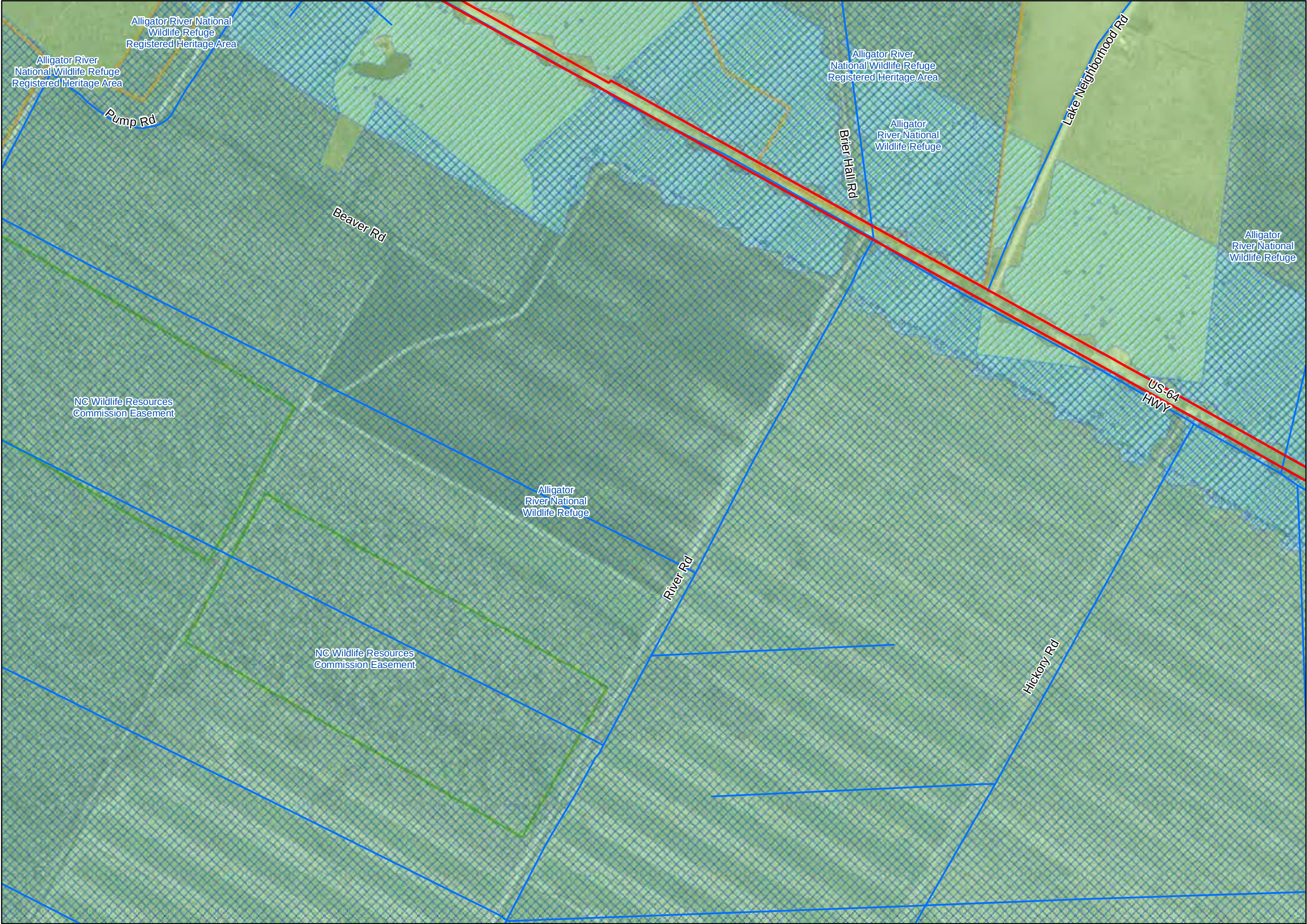
STIP#
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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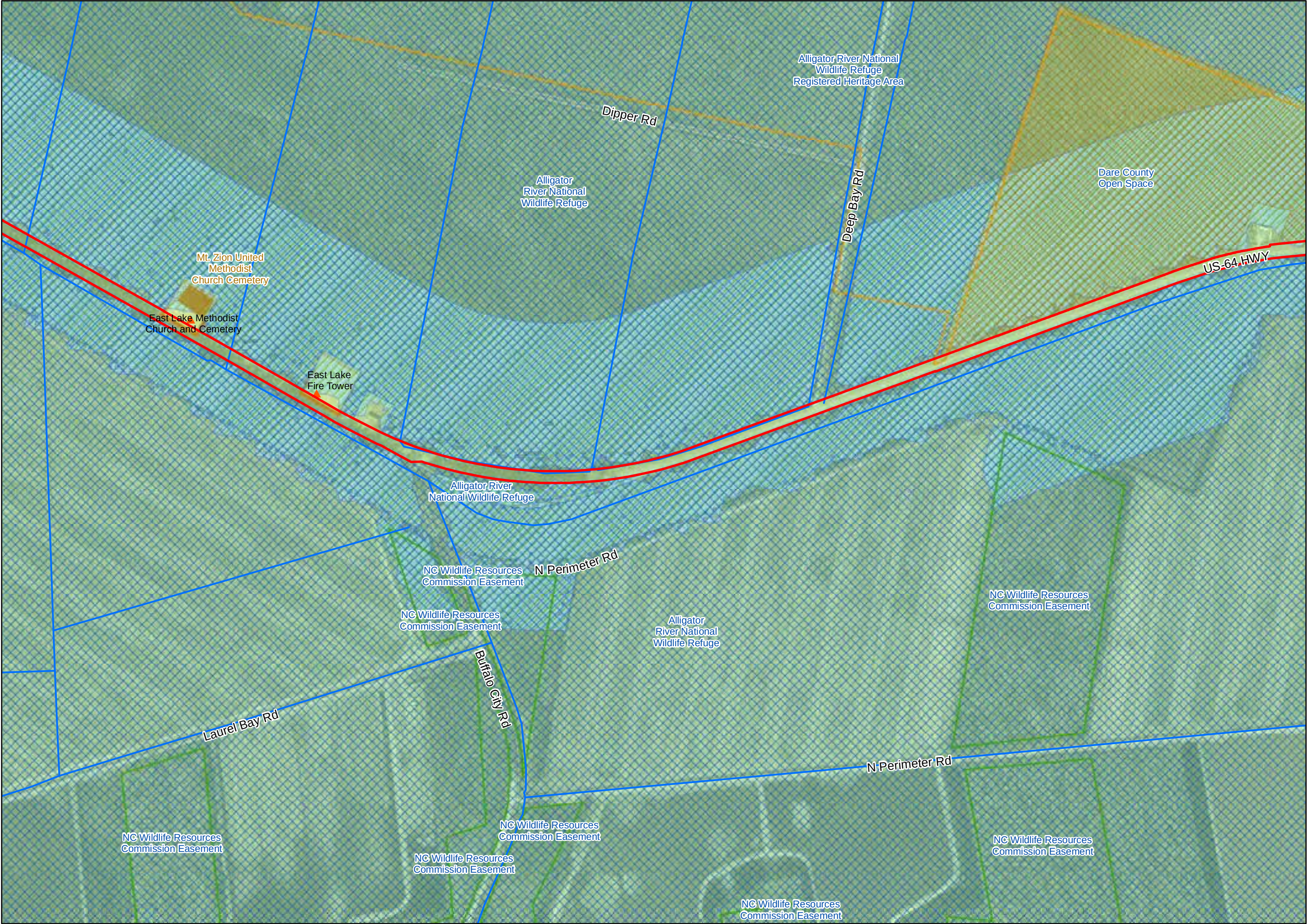
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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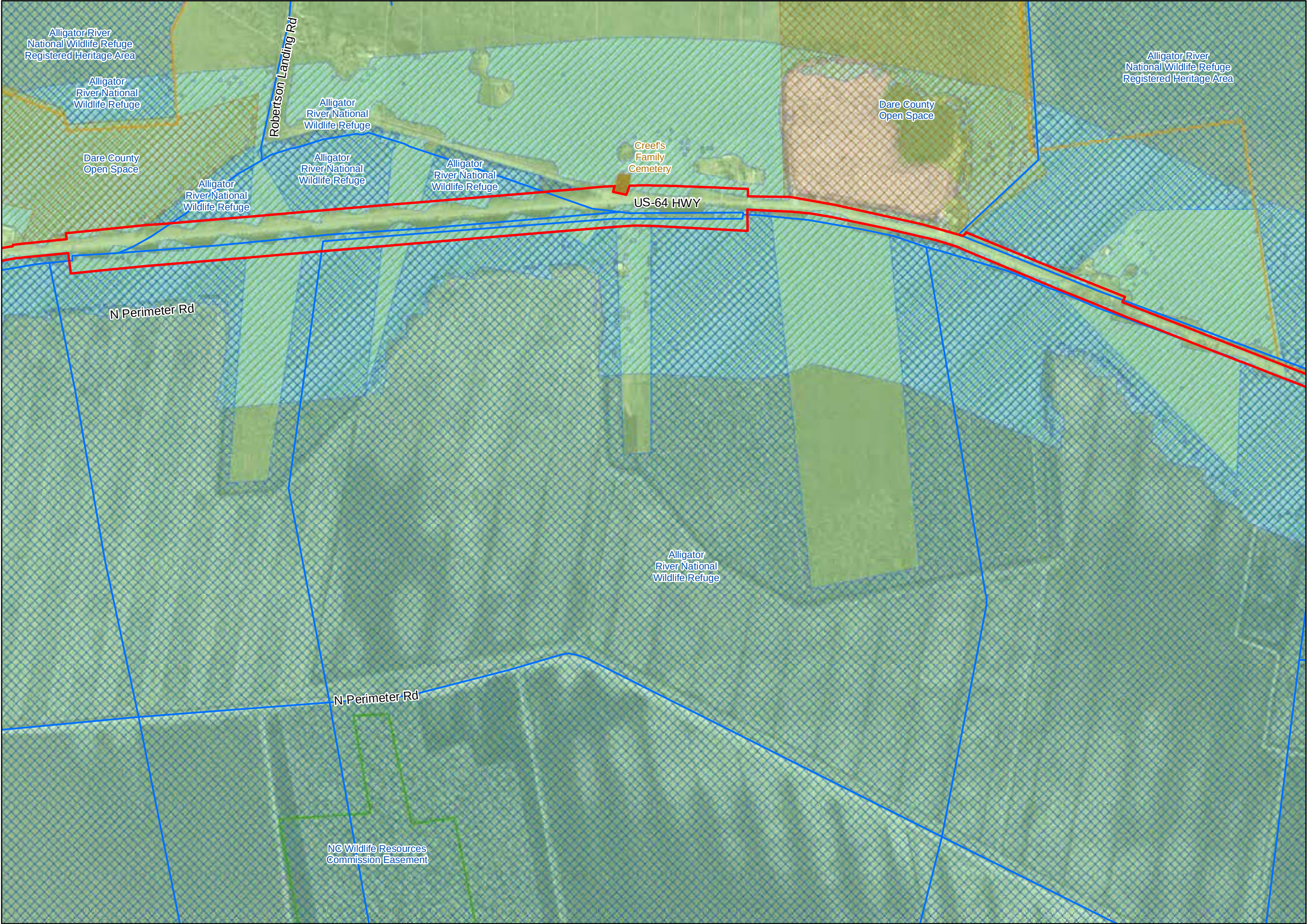
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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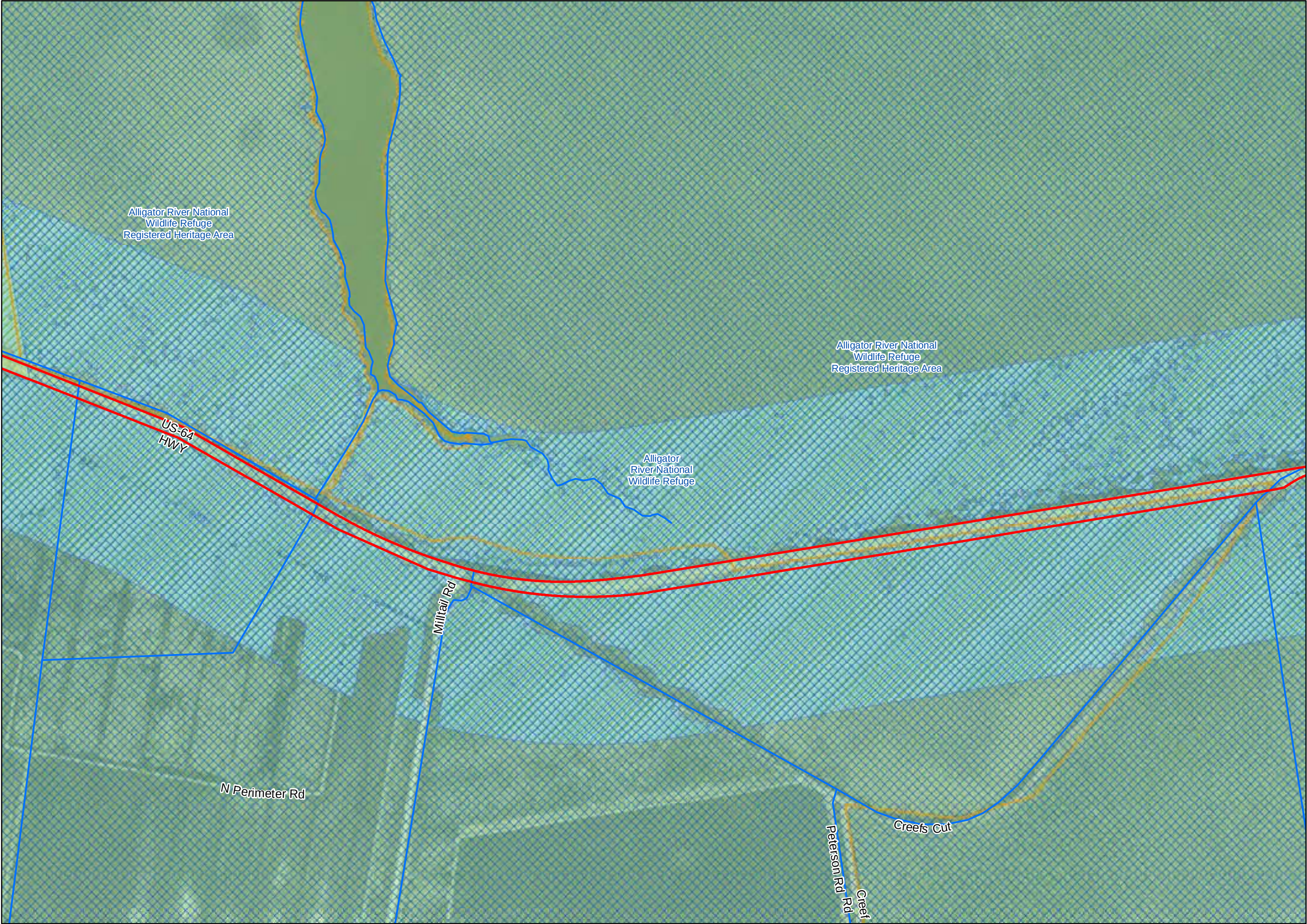
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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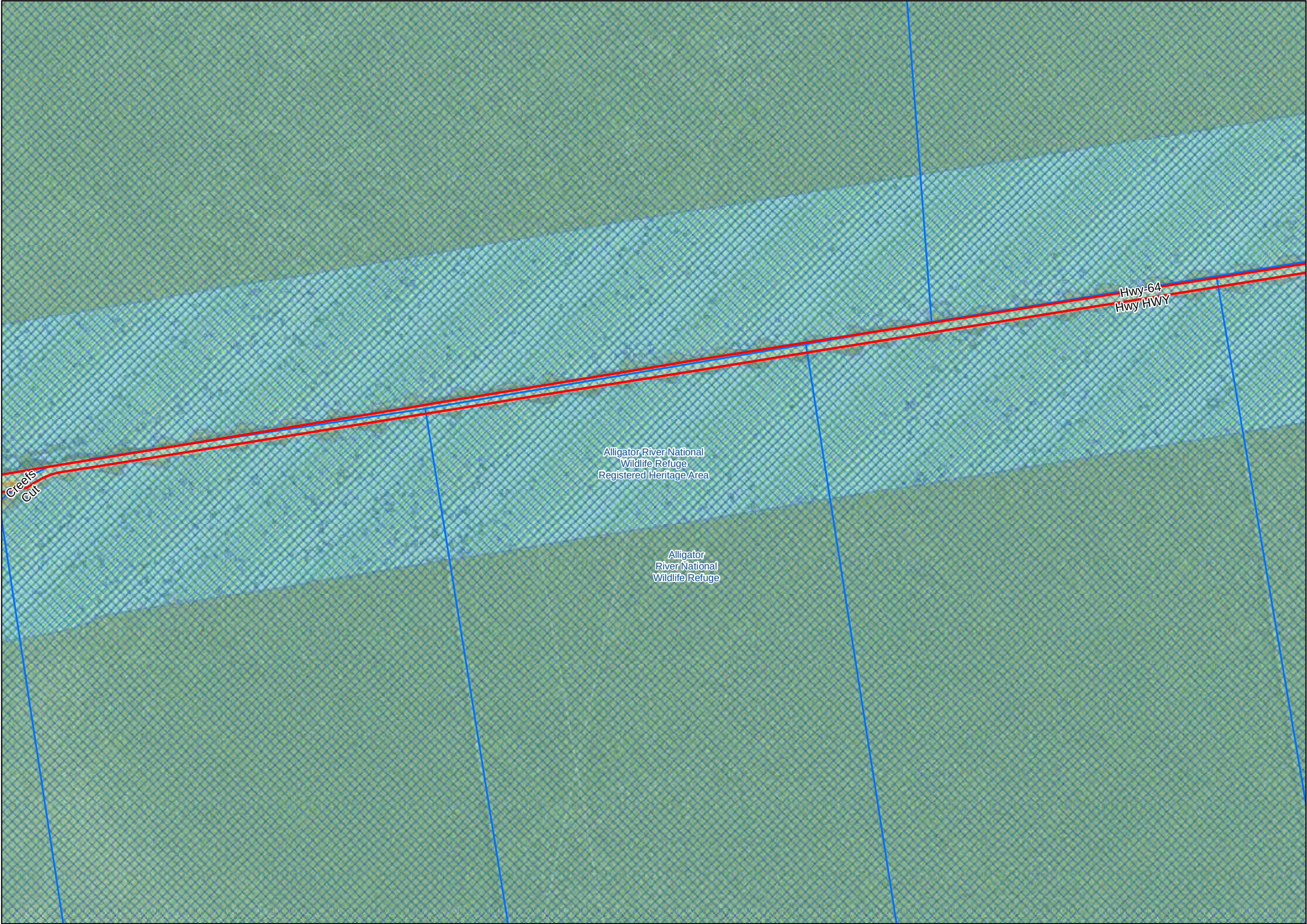
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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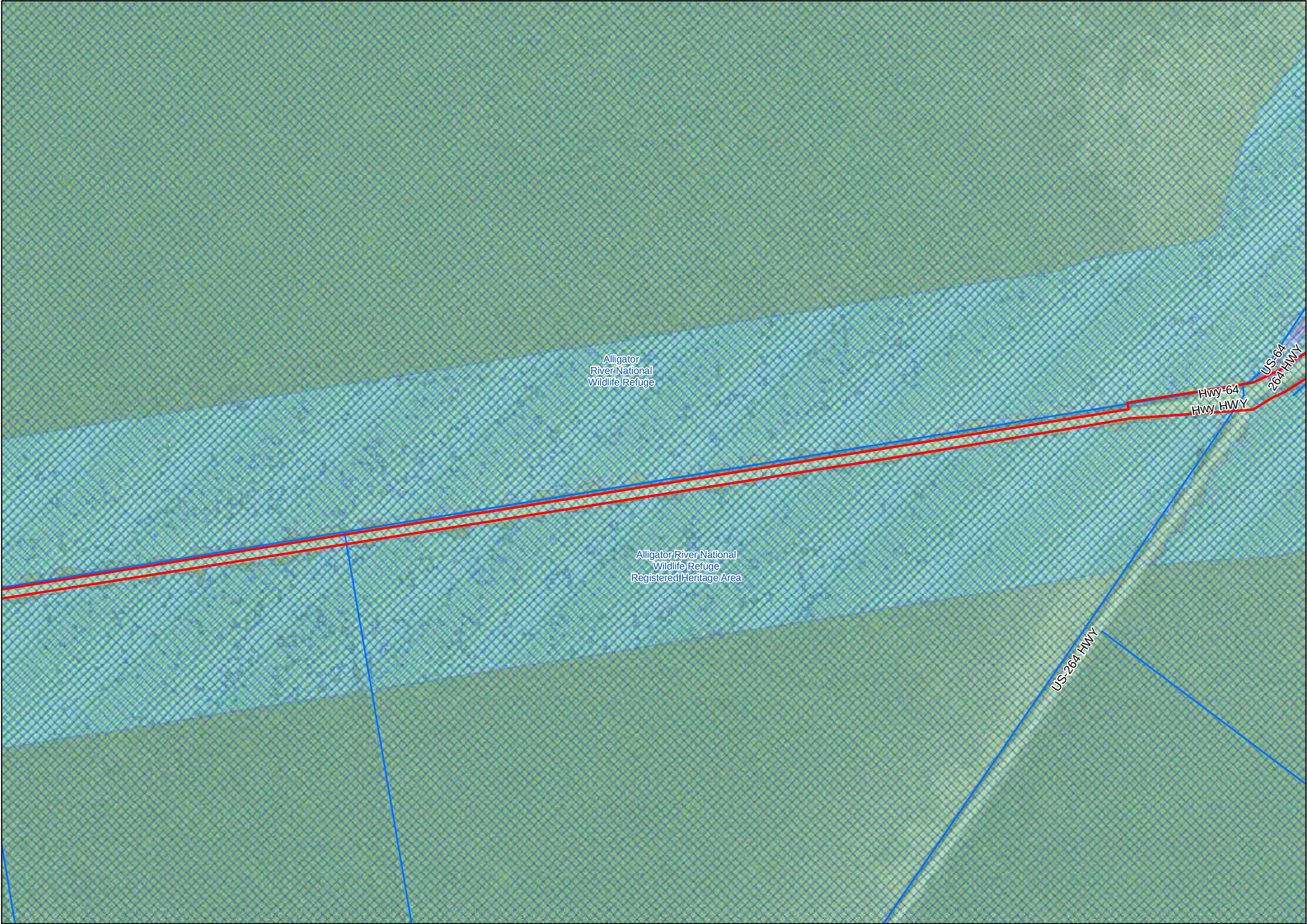
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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County:
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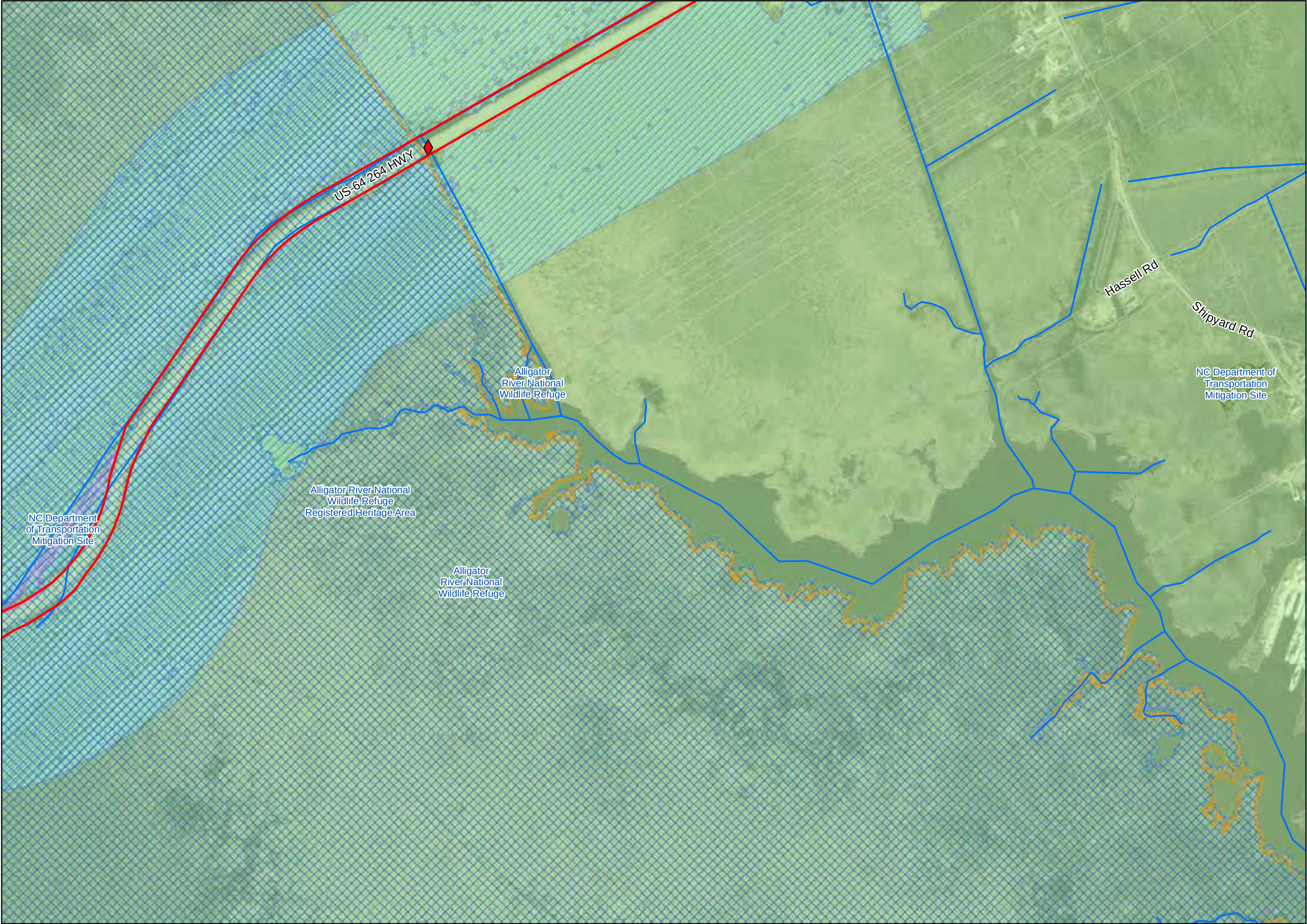
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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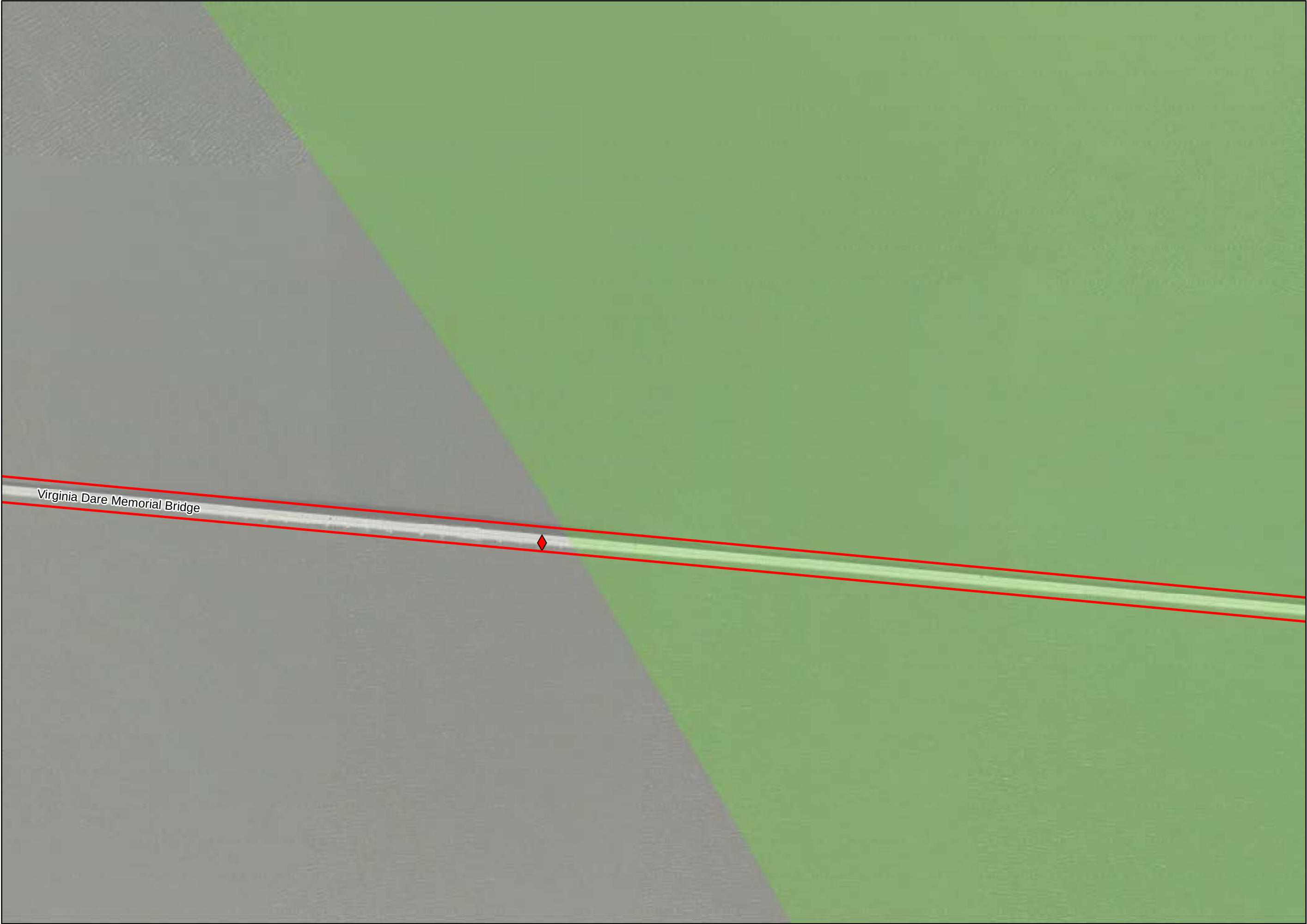
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP

US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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C ROWELLS

County:
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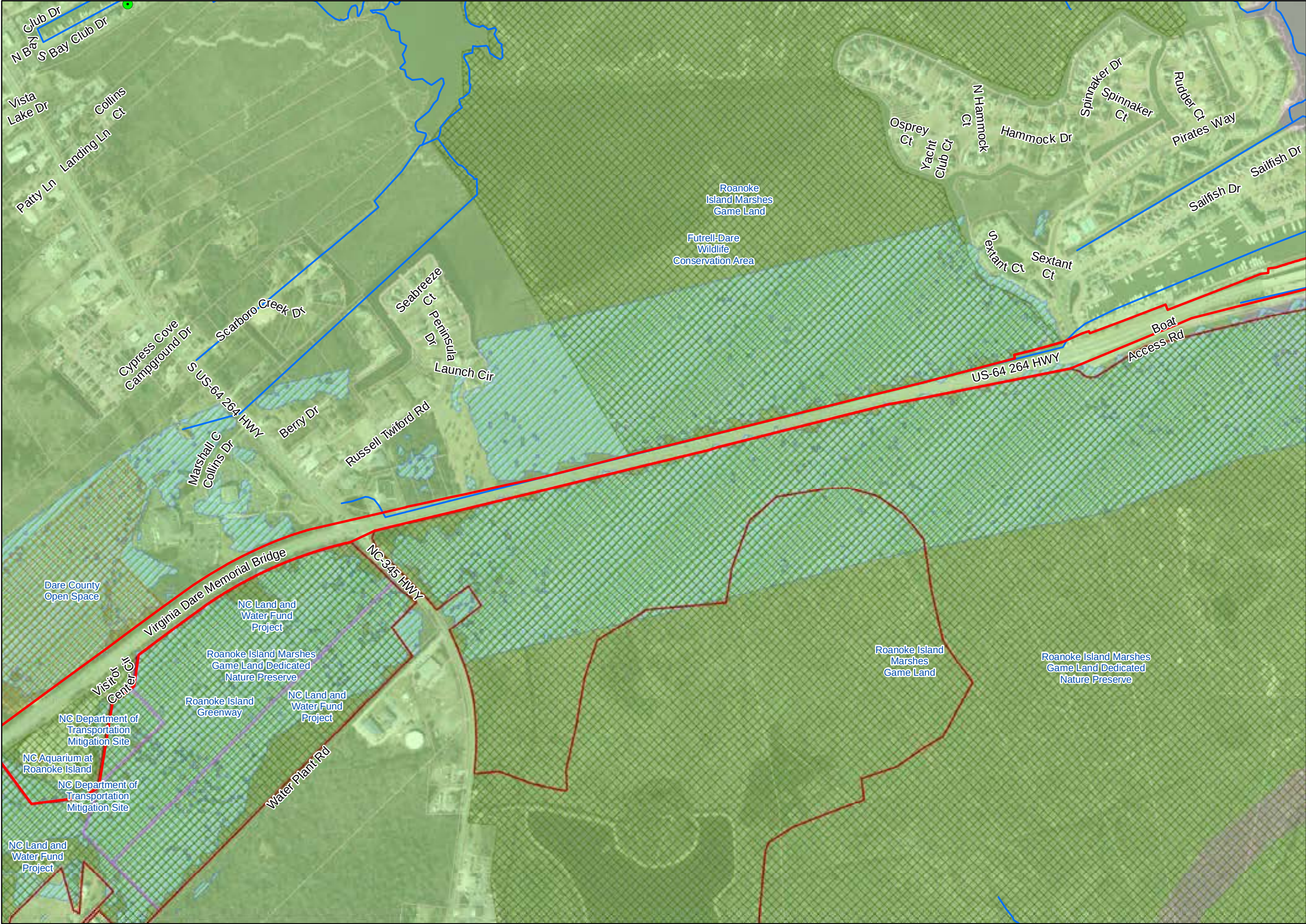
Div: 1 & 4	STIP# HB-0001A
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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGEcombe, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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By:
C ROWELLS

County:
Multiple

Div:
1 & 4

STIP#
HB-0001A

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div: 1 & 4	STIP# HB-0001A
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Date:
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Figure

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NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS

ENVIRONMENTAL FEATURES MAP
US 64 FIBEROPTIC
COMMUNICATION INSTALLATION

NASH, EDGECOMBE, MARTIN,
WASHINGTON, TYRRELL,
& DARE COUNTIES
WBS No. 49472.1.2
FA No. 4947532



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Feet

By:
C ROWELLS

County:
Multiple

Div:
1 & 4

STIP#
HB-0001A

Date:
SEPTEMBER 2024

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