



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

April 13, 2021

N.C. Dept. of Environmental Quality
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

ATTN: Mr. Stephen Lane
NCDOT Coordinator

Subject: **Application for CAMA General Permit** for the Proposed Installation of fiber optic cable along US 74 in Brunswick County, North Carolina; TIP No. HO-0002C; Debit \$400 from WBS No. 49456.3.4.

Dear Sir,

The North Carolina Department of Transportation (NCDOT) proposes to install conduit containing fiber optic cable along U.S. 74 within the existing NCDOT right-of-way in Brunswick County. It is proposed that three conduits will be installed, each having a 1.25-inch diameter. One stream, Hood Creek, was identified as Public Trust Waters and subject to the Coastal Area Management Act. This resource is located within the Cape Fear River basin

Please see enclosed the Division of Coastal Management Major Permit Form 1 and permit drawing for the above referenced project.

This project had a Design Build letting date of March 26, 2021.

It is anticipated that there will be no impacts to streams or coastal wetlands with this project.

Regulatory Approvals

CAMA General Permit: NCDOT requests that the proposed work be authorized under a Coastal Area Management Act General Permit. Adjacent riparian landowner certified mail return receipts will be provided once they are received. Authorization to debit the \$400 Permit Application Fee from WBS Element 49456.3.4 is hereby given.

Section 404 Permit: Application for a Section 404 Nationwide Permit 57 in accordance with Section 404 of the Clean Water Act (33 U.S.C. 1344) will be requested under separate letter.

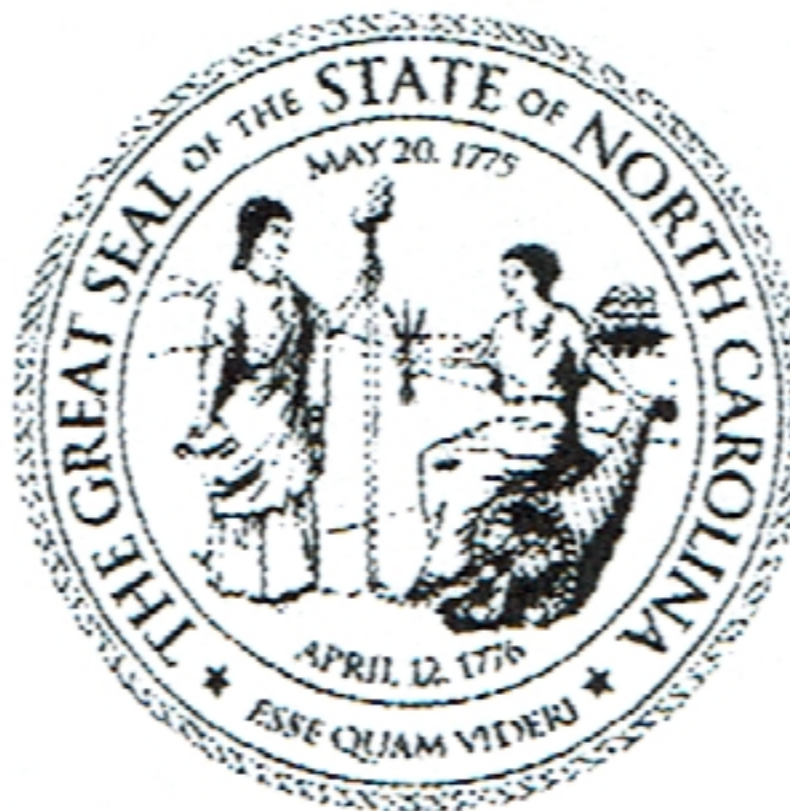
Section 401 Permit: Application for a Section 401 General Certification will be requested under a separate letter.

A copy of this permit application will be posted on the NCDOT Website at <https://xfer.services.ncdot.gov/pdea/PermApps/> Should you have any questions regarding this information, please contact Jason Dilday at (919) 707-6111 or jldilday@ncdot.gov.

Sincerely,



Philip S. Harris III, P.E., C.P.M., Unit Head
Environmental Analysis Unit



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

April 13, 2021

Dear Landowner:

The North Carolina Department of Transportation is planning the installation of broadband fiber in the right-of-way over Hood Creek on US 74 in Brunswick County. This project crosses an Area of Environmental Concern, as defined by the North Carolina Division of Coastal Management (DCM), and must be approved by the DCM under provisions of the Coastal Area Management Act (CAMA). One of the prerequisites to this approval is that adjacent riparian landowners be given an opportunity to comment on the proposal. A permit application and site drawing are enclosed for your review.

The attached form is submitted to ensure that you have an opportunity to comment on the proposal. The work planned is depicted in the attached drawing. If you have **no** objections to the proposal, please return the form with your response within 10 days to this office. If you **do** have objections to the project, please forward your comments to:

Mr. Stephen Lane
N.C. Division of Coastal Management
400 Commerce Ave.
Morehead City, NC 28557

Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Philip S. Harris III".

for Philip S. Harris III, P.E., C.P.M., Unit Head
Environmental Analysis Unit

cc: Mr. Stephen Lane, NCDCM
File – TIP HO-0002C

ADJACENT RIPARIAN LANDOWNER STATEMENT

Brunswick County: Broadband fiber installation over Hood Creek on US 74
NCDOT TIP HO-0002C

General Statutes and Division of Coastal Management General Permit approval procedures require that riparian landowners with property adjoining a proposed development in an Area of Environmental Concern (AEC) be given ten (10) days in which to comment on the proposed development. This form allows the adjacent riparian landowner to express either: (1) that he/she objects to the project; or, (2) that he/she does not object and desires to waive his/her right to the 10-day period so that the processing of the application can progress more rapidly. Of course, the adjacent riparian landowner need not sign this form at all if he/she so chooses.

I, _____, am an adjacent riparian property owner and am aware of the North Carolina Department of Transportation's plans for the installation of broadband fiber in the right-of-way over Bachelor Creek on US 70 in Craven County. I am further aware that this work will occur in one or more Areas of Environmental Concern and therefore will require authorization from the Division of Coastal Management in accordance with the Coastal Area Management Act (CAMA).

_____ I have no objection to the project as presently proposed and hereby waive that right of objection as provided in General Statute 113-229.

_____ I have objections to the project as presently proposed and my comments are attached.

Signature of Adjacent Riparian Landowner

Date

Phone Number with Area Code

APPLICATION for Major Development Permit

(last revised 12/27/06)



North Carolina DIVISION OF COASTAL MANAGEMENT

1. Primary Applicant/ Landowner Information			
Business Name North Carolina Department Of Transportation		Project Name (if applicable) HO-0002C Broadband Cable Installation on US74	
Applicant 1: First Name Philip	MI S	Last Name Harris	
Applicant 2: First Name	MI	Last Name	
<i>If additional applicants, please attach an additional page(s) with names listed.</i>			
Mailing Address 1598 Mail Service Center		PO Box	City Raleigh
			State NC
ZIP 27699 1581	Country USA	Phone No. 919 - 707 - 6111 ext.	FAX No. - -
Street Address (if different from above) 1000 Birch Ridge Drive		City Raleigh	State NC
			ZIP 27610-
Email jldilday@ncdot.gov			

2. Agent/Contractor Information			
Business Name			
Agent/ Contractor 1: First Name	MI	Last Name	
Agent/ Contractor 2: First Name	MI	Last Name	
Mailing Address		PO Box	City
			State
ZIP		Phone No. 1 - - ext.	Phone No. 2 - - ext.
FAX No.	Contractor #		
Street Address (if different from above)		City	State
			ZIP -
Email			

<Form continues on back>

3. Project Location				
County (can be multiple) Brunswick	Street Address US 74	State Rd. # US 74		
Subdivision Name n/a	City	State NC	Zip 28451 -	
Phone No. - - ext.		Lot No.(s) (if many, attach additional page with list) , , , ,		
a. In which NC river basin is the project located? Cape Fear		b. Name of body of water nearest to proposed project Hood Creek		
c. Is the water body identified in (b) above, natural or manmade? <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Manmade <input type="checkbox"/> Unknown		d. Name the closest major water body to the proposed project site. Hood Creek		
e. Is proposed work within city limits or planning jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		f. If applicable, list the planning jurisdiction or city limit the proposed work falls within. NA		

4. Site Description	
a. Total length of shoreline on the tract (ft.) 50	b. Size of entire tract (sq.ft.) 500 sq. ft.
c. Size of individual lot(s) n/a, (If many lot sizes, please attach additional page with a list)	d. Approximate elevation of tract above NHW (normal high water) or NWL (normal water level) 1' to 8' <input type="checkbox"/> NHW or <input checked="" type="checkbox"/> NWL
e. Vegetation on tract Maintained/Forested wetland	
f. Man-made features and uses now on tract NCDOT roadway and bridge.	
g. Identify and describe the existing land uses <u>adjacent</u> to the proposed project site. Forest, cropland, rural residential.	
h. How does local government zone the tract?	i. Is the proposed project consistent with the applicable zoning? (Attach zoning compliance certificate, if applicable) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
j. Is the proposed activity part of an urban waterfront redevelopment proposal? <input type="checkbox"/>Yes <input checked="" type="checkbox"/>No	
k. Has a professional archaeological assessment been done for the tract? If yes, attach a copy. <input checked="" type="checkbox"/>Yes <input type="checkbox"/>No <input type="checkbox"/>NA If yes, by whom? NCDOT	
l. Is the proposed project located in a National Registered Historic District or does it involve a National Register listed or eligible property? <input type="checkbox"/>Yes <input checked="" type="checkbox"/>No <input type="checkbox"/>NA	

<Form continues on next page>

m. (i) Are there wetlands on the site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(ii) Are there coastal wetlands on the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(iii) If yes to either (i) or (ii) above, has a delineation been conducted? <i>(Attach documentation, if available)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
n. Describe existing wastewater treatment facilities. n/a	
o. Describe existing drinking water supply source. n/a	
p. Describe existing storm water management or treatment systems. Runoff from the existing bridge discharges directly into Hood Creek as there are open deck drains on both sides of the bridge, continuous for the full length of the bridge	

5. Activities and Impacts	
a. Will the project be for commercial, public, or private use?	<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Public/Government <input type="checkbox"/> Private/Community
b. Give a brief description of purpose, use, and daily operations of the project when complete. HO-0002C is the planned installation of conduit for fiber optic cable within the existing transportation right-of-way. The project lies within a CAMA county and CAMA resources are involved. Broadband fiber will be coupled with microcell towers and Intelligent Transportation Systems (ITS) equipment to provide variable message signs along US 74, and implement integrated corridor management. It will also allow North Carolina Department of Transportation (NCDOT) to leverage its right-of-way to fill high-speed broadband gaps in rural North Carolina. It is anticipated that the conduit lines will be directionally bored under Hood Creek.	
c. Describe the proposed construction methodology, types of construction equipment to be used during construction, the number of each type of equipment and where it is to be stored. Plows, grading equipment, bull dozers, excavators, offroad trucks, and boring machines.	
d. List all development activities you propose. Installation of conduit with fiber optic cable along the NCDOT existing right of way.	
e. Are the proposed activities maintenance of an existing project, new work, or both?	New installation of fiber optic cable.
f. What is the approximate total disturbed land area resulting from the proposed project?	100 <input checked="" type="checkbox"/> Sq.Ft or <input type="checkbox"/> Acres
g. Will the proposed project encroach on any public easement, public accessway or other area that the public has established use of?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
h. Describe location and type of existing and proposed discharges to waters of the state. The proposed installation of conduit containing fiber optic cable will be directionally bored from approximately 50 feet from the top of bank under Hood Creek resulting in no discharges to waters of the state.	
i. Will wastewater or stormwater be discharged into a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
If yes, will this discharged water be of the same salinity as the receiving water?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
j. Is there any mitigation proposed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
If yes, attach a mitigation proposal.	

<Form continues on back>

6. Additional Information

In addition to this completed application form, (MP-1) the following items below, if applicable, must be submitted in order for the application package to be complete. Items (a) – (f) are always applicable to any major development application. Please consult the application instruction booklet on how to properly prepare the required items below.

- a. A project narrative.
- b. An accurate, dated work plat (including plan view and cross-sectional drawings) drawn to scale. Please give the present status of the proposed project. Is any portion already complete? If previously authorized work, clearly indicate on maps, plats, drawings to distinguish between work completed and proposed.
- c. A site or location map that is sufficiently detailed to guide agency personnel unfamiliar with the area to the site.
- d. A copy of the deed (with state application only) or other instrument under which the applicant claims title to the affected properties.
- e. The appropriate application fee. Check or money order made payable to DENR.
- f. A list of the names and complete addresses of the adjacent waterfront (riparian) landowners and signed return receipts as proof that such owners have received a copy of the application and plats by certified mail. Such landowners must be advised that they have 30 days in which to submit comments on the proposed project to the Division of Coastal Management.

Name see attached letters	Phone No.
Address	
Name	Phone No.
Address	
Name	Phone No.
Address	
- g. A list of previous state or federal permits issued for work on the project tract. Include permit numbers, permittee, and issuing dates.

- h. Signed consultant or agent authorization form, if applicable.
- i. Wetland delineation, if necessary.
- j. A signed AEC hazard notice for projects in oceanfront and inlet areas. (Must be signed by property owner)
- k. A statement of compliance with the N.C. Environmental Policy Act (N.C.G.S. 113A 1-10), if necessary. If the project involves expenditure of public funds or use of public lands, attach a statement documenting compliance with the North Carolina Environmental Policy Act.

7. Certification and Permission to Enter on Land

I understand that any permit issued in response to this application will allow only the development described in the application. The project will be subject to the conditions and restrictions contained in the permit.

I certify that I am authorized to grant, and do in fact grant permission to representatives of state and federal review agencies to enter on the aforementioned lands in connection with evaluating information related to this permit application and follow-up monitoring of the project.

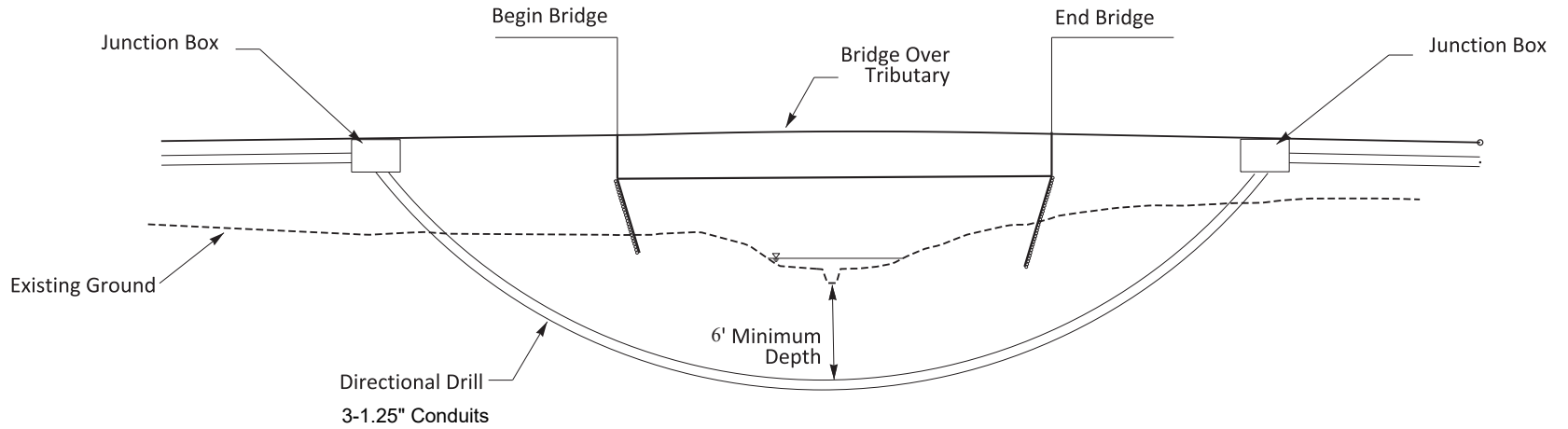
I further certify that the information provided in this application is truthful to the best of my knowledge.

Date 4/13/2021 Print Name Philip S. Harris, III, P.E., C.P.M.
Signature for Mark C R M III

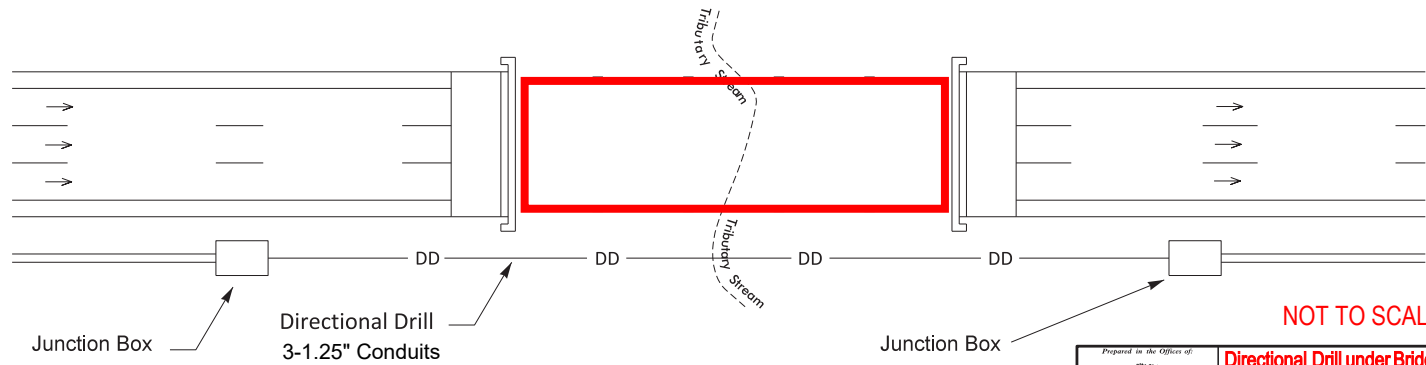
Please indicate application attachments pertaining to your proposed project.

- DCM MP-2 Excavation and Fill Information
- DCM MP-3 Upland Development
- DCM MP-4 Structures Information
- DCM MP-5 Bridges and Culverts

DIRECTIONAL DRILL




PROFILE VIEW



NOT TO SCALE

PLAN VIEW

 <p>Prepared in the Offices of: THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 720 N. Greenfield Place, Raleigh, NC 27601</p>	<p>Directional Drill under Bridge No. 4 on US 74 over Hood Creek, Brunswick County</p>		SEAL
	<p>SCALE: 0</p>	<p>REVISIONS</p>	<p>INIT. DATE</p>
<p>CADD File Name:</p>			