



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

August 7, 2020

N.C. Dept. of Environmental Quality
Division of Coastal Management
401 S. Griffin Street
Elizabeth City, NC 27909

Attn: Mr. Greg Daisey, NCDOT Coordinator

Subject: **Application for CAMA General Permit for Utilities** for the expansion of the existing Elizabeth City traffic signal system on NC 344 (Halstead Boulevard Extension) over an Unnamed Tributary to Knobbs Creek in Elizabeth City in Pasquotank County. Federal Aid Project No. STP-0111(025) TIP No. U-5942, WBS Element 45861.3.1.

Reference: CAMA General Permit No. 72608 issued 4/1/2019

The Department requests re-authorization to install a computerize traffic signal system on NC 344 (Halstead Blvd Ext) over UT to Knobbs Creek (SD) and wetland WE via a subaqueous bore. U-5942 proposes to expand existing Elizabeth City closed loop systems into a computerized traffic signal system. Installation of the cable will be through a 760-foot long underground directional boring within the existing NCDOT right-of-way from upland to upland. The permit referenced above was obtained, however the project was delayed. The project has been rescheduled and plans have not changed from the original permit.

Please see enclosed copies of the Division of Coastal Management Major Permit Form 1 and permit utility drawing plans. This project calls for a letting date of April 20, 2021 and a review date of March 2, 2021. The project schedule may be advanced if funding becomes available.

NCDOT requests that the proposed work be re-authorized under a Coastal Area Management Act General Permit for Utilities. Authorization to debit the \$200 Permit Application Fee from WBS Element 45861.3.1 is hereby given.

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Deanna Riffey at driffey@ncdot.gov or (919) 707-6151.

Sincerely,

DocuSigned by:

Mack C. Rivenbark III

AAAD1248B309416...

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

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL ANALYSIS UNIT
1598 MAIL SERVICE CENTER
RALEIGH, NC 27699-1598

Telephone: (919) 707-6000
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1000 BIRCH RIDGE DRIVE
RALEIGH, NC 27610



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

August 10, 2020

William Ward
1713 W. Main Street
Elizabeth City, NC 27909

Dear Landowner:

The North Carolina Department of Transportation is planning to upgrade and expand the existing Elizabeth City closed loop system into a computerized traffic signal system. A notification was previously sent out in early 2019 for upgrading and expansion of the traffic signal system, however the project was delayed. The project has resumed and has not changed from the original notification. The project consists of upgrading existing traffic signals and upgrading and expanding the existing signal communications network. One of the proposed signal system areas is located adjacent to the bridge over a tributary to Knobbs Creek on Highway 344 (Halstead Blvd Extension) between Norfolk Southern Railroad and South Hughes Boulevard. 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. The full permit application detailing the work planned, including vicinity map and site drawings, are attached.

The attached form is submitted to ensure that you have an opportunity to comment on the proposal. 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. Greg Daisey
N.C. Division of Coastal Management
401 South Griffin Street, Suite 300
Elizabeth City, NC 27909

Thank you for your cooperation.

Sincerely,

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

cc: Mr. Greg Daisey, NCDCM
File – TIP U-5942

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL ANALYSIS UNIT
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

Telephone: (919) 707-6000
Fax: (919) 212-5785
Customer Service: 1-877-368-4968
Website: www.ncdot.gov

Location:
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

August 10, 2020

LFM Properties LLC
407 S. Griffin Street #L
Elizabeth City, NC 27909

Dear Landowner:

The North Carolina Department of Transportation is planning to upgrade and expand the existing Elizabeth City closed loop system into a computerized traffic signal system. A notification was previously sent out in early 2019 for upgrading and expansion of the traffic signal system, however the project was delayed. The project has resumed and has not changed from the original notification. The project consists of upgrading existing traffic signals and upgrading and expanding the existing signal communications network. One of the proposed signal system areas is located adjacent to the bridge over a tributary to Knob Creek on Highway 344 (Halstead Blvd Extension) between Norfolk Southern Railroad and South Hughes Boulevard. 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. The full permit application detailing the work planned, including vicinity map and site drawings, are attached.

The attached form is submitted to ensure that you have an opportunity to comment on the proposal. 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. Greg Daisey
N.C. Division of Coastal Management
401 South Griffin Street, Suite 300
Elizabeth City, NC 27909

Thank you for your cooperation.

Sincerely,

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

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

cc: Mr. Greg Daisey, NCDOT
File – TIP U-5942

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL ANALYSIS UNIT
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

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Location:
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

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) U-5942	
Applicant 1: First Name Philip	MI S	Last Name Harris	
Applicant 2: First Name NA	MI NA	Last Name NA	
<i>If additional applicants, please attach an additional page(s) with names listed.</i>			
Mailing Address Environmental Analysis Unit 1598 Mail Service Center		PO Box	State NC
City Raleigh	ZIP 27610		Country USA
Phone No. 919 - 707 - 6151 ext.	FAX No. - -		
Street Address (if different from above) EAU - Century Center A, 1000 Birch Ridge Drive		City Raleigh	State NC
Email driffey@ncdot.gov		ZIP 27610-	

2. Agent/Contractor Information

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

<Form continues on back>

3. Project Location			
County (can be multiple) Pasquotank	Street Address Multiple	State Rd. # NC 344	
Subdivision Name	City Elizabeth City	State NC	Zip 27909 -
Phone No. - - ext.		Lot No.(s) (if many, attach additional page with list) , , , ,	
a. In which NC river basin is the project located? Pasquotank		b. Name of body of water nearest to proposed project UT to Knobbs 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. Pasquotank River	
e. Is proposed work within city limits or planning jurisdiction? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		f. If applicable, list the planning jurisdiction or city limit the proposed work falls within. Elizabeth City, NC	

4. Site Description	
a. Total length of shoreline on the tract (ft.) 20 linear feet	b. Size of entire tract (sq.ft.) 0.009 ac
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) 3' <input type="checkbox"/> NHW or <input checked="" type="checkbox"/> NWL
e. Vegetation on tract Bald Cypress, Wax Mrytle, and Red Maple	
f. Man-made features and uses now on tract Undeveloped	
g. Identify and describe the existing land uses <u>adjacent</u> to the proposed project site. Residential with some commercial development	
h. How does local government zone the tract? Industrial	i. Is the proposed project consistent with the applicable zoning? (Attach zoning compliance certificate, if applicable) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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?	
l. Is the proposed project located in a National Registered Historic District or does it involve a National Register listed or eligible property? <input checked="" type="checkbox"/>Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
n. Describe existing wastewater treatment facilities. NA	
o. Describe existing drinking water supply source. NA	
p. Describe existing storm water management or treatment systems. grass lined ditches and swales	

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. Installation of a computerized traffic signal system through underground directional boring within the existing NCDOT right-of-way at the crossing of NC 344 (Halstead Blvd Ext) over UT to Knobbs Creek (SD) and wetland WE (Site 1). Utilities along the bridge area will be located with minimal impact to CAMA AECs.	
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. Directional bore from upland to upland under stream SD (21.7' long and 60' wide) and wetland WE (0.28 acre).	
d. List all development activities you propose. 760- foot long Subaqueous bore for ITS project	
e. Are the proposed activities maintenance of an existing project, new work, or both?	New Work
f. What is the approximate total disturbed land area resulting from the proposed project?	4 <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. Existing discharges are made through roadway ditches and pipes along the project. No additional discharges proposed.	
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 checked="" type="checkbox"/> No <input 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 William Ward	Phone No.
Address 1713 W. Main St, Elizabeth City, NC 27909	
Name LFM Properties LLC	Phone No. 252-337-7146
Address 407 S Griffin St #L, Elizabeth City, NC 27909	
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

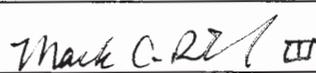
I understand that any permit issued in response to this application will allow only the development described in the application. The project will be subject to the conditions and restrictions contained in the permit.

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 8/10/2020

Print Name Philip S. Harris III, P.E., C.P.M.

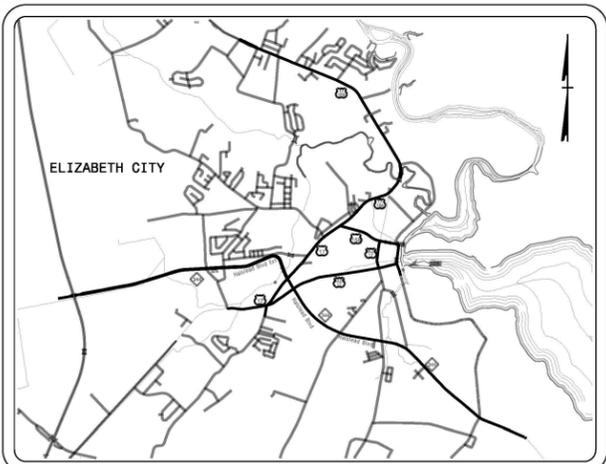
Signature  for

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

09/08/99

See Sheet ITS-1.01 For Index of Sheets



VICINITY MAP

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED IMPROVEMENTS **ELIZABETH CITY** COMPUTERIZED TRAFFIC SIGNAL SYSTEM

REPLACEMENT OF VARIOUS STANDALONE CLOSED-LOOP TRAFFIC SIGNAL SYSTEMS WITH A NEW COMPUTERIZED TRAFFIC SIGNAL SYSTEM.
RELATED WORK INCLUDES:
UPGRADING LOCAL INTERSECTION CONTROLLERS, CABINETS, AND SYSTEM DETECTORS WITH LIMITED SIGNAL WIRING AND SIGNAL HEAD UPGRADES WHEN NECESSARY; UPGRADE AND EXPANSION OF CCTV MONITORING NETWORK; INSTALLING CENTRAL EQUIPMENT AND CENTRAL SOFTWARE; AND INSTALLATION OF AN ETHERNET COMMUNICATIONS NETWORK COMPRISED OF FIBER-OPTIC CABLE WITH ALL RELATED EQUIPMENT.



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5942	ITS-1.00	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
45861.1.1		PE	
45861.X.X	STGB-0111(25)	CONST	

TIP PROJECT: U-5942

CONTRACT:

2018 STANDARD SPECIFICATION
LETTING DATE: JANUARY 15, 2019
PROJECT LENGTH = 20 MILES

Prepared for the Offices of:



750 N. Greenfield Pkwy., Garner, NC 27529

NCDOT CONTACTS:
TRANSPORTATION MOBILITY & SAFETY DIVISION
INTELLIGENT TRANSPORTATION SYSTEMS SECTION
JASON GALLOWAY, P.E. - STATE SIGNALS ENGINEER
NEIL AVERY - SIGNAL COMMUNICATION PROJECT ENGINEER

Plans Prepared By:



DRMP, Inc.
8000 Regency Parkway, Suite 175
Cary, NC 27518
NC License No. C-2213 (919) 650-1038

LM MOON, P.E. - SENIOR PROJECT ENGINEER
AJ DAVIS, P.E. - PROJECT DESIGN ENGINEER
RD LAWTON, EIT - PROJECT ENGINEER
DJ WHITE - PROJECT ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DCN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$



27-NOV-2018 11:10
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 GDI Lowry

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	SITE 1		SEAL PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>
	PLAN DATE: _____ PREPARED BY: _____	REVIEWED BY: _____ REVIEWED BY: _____	
SCALE 0 40	SIGNATURE _____ DATE _____	DATE _____	SIG. INVENTORY NO. _____