

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

December 11, 2020

U.S. Army Corps of Engineers 151 Patton Avenue, Room 208 Asheville, NC 28801-5006

ATTN: Ms. Crystal Amschler

NCDOT Coordinator

Subject: Application for Section 404 Nationwide Permit 13 and 33 for the Proposed

Replacement of Bridge 11 on NC 109 over Deadfall Creek in Anson County,

Division 10, WBS 45771.1.1, TIP No. B-5818.

Dear Madam:

The North Carolina Department of Transportation (NCDOT) proposes to replace bridge number 11 on NC 109 with a new bridge downstream of the existing alignment. Traffic will utilize the existing bridge during construction.

As a result of replacing the existing bridge, there will be 66 linear feet of stream bank stabilization at the location of the existing bridge and at the outlet of new ditches, and <0.01 acre of temporary stream impacts from temporary impervious dikes causeways needed for removal of the existing bridge and installation of bank stabilization.

Please see enclosed copies of the Pre-Construction Notification (PCN), which includes the following attachments: pre-filing notification documentation, mussel survey memo, Catawba response letter, Stormwater Management Plan, and Permit Drawings. A Minimum Criteria Determination Checklist (MCDC) was completed in November 2018 and distributed shortly thereafter.

This project calls for a letting date of March 16, 2021 and a review date of January 26, 2021.

A copy of this permit application and its distribution list will be posted on the NCDOT Website at: http://connect.ncdot.gov/resources/Environmental. If you have any questions or need additional information, please contact Erin Cheely at ekcheely@ncdot.gov or (919) 707-6108.

Telephone: (919) 707-6000

Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:

1000 BIRCH RIDGE DRIVE

RALEIGH NC 27610

Sincerely,

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

Milal Ly

cc: NCDOT Permit Application Standard Distribution List





#### **Pre-Construction Notification (PCN) Form**

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

October 26, 2020 Ver 3.3

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

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

Below is a link to the online help file.

Individual Permit

https://edocs.deq.nc.gov/WaterResources/0/edoc/624704/PCN%20Help%20File%202018-1-30.pdf

A. Processing Information		
County (or Counties) where the project is located	d: <b>*</b>	
Anson		
Is this a NCDMS Project*		
○ Yes ○ No Click Yes, only if NODWS is the applicant or co-applicant.		
Is this project a public transportation project?*		
<ul> <li>Yes O No</li> <li>This is any publicly funded by municipal, state or federal funds road, r</li> </ul>	rail, airport transportation project.	
Is this a NCDOT Project?*		
⊙ Yes ○ No		
(NCDOT only) T.I.P. or state project number: B-5818		
WBS #*		
45771.1.1 (for NCDOT use only)		
1a. Type(s) of approval sought from the Corps:*		
✓ Section 404 Permit (wetlands, streams and waters, ✓ Section 10 Permit (navigable waters, tidal waters, F	,	
Has this PCN previously been submitted?*		
○ Yes ⊙ No		
1b. What type(s) of permit(s) do you wish to seek  ✓ Nationwide Permit (NWP)	authorization?*	
<ul><li>☐ Regional General Permit (RGP)</li><li>☐ Standard (IP)</li></ul>		
This form may be used to initiate the standard/individual		contact your Corps representative concerning submittals for standard permits. All required items that niscellaneous upload area located at the bottom of this form.
1c. Has the NWP or GP number been verified by t	the Corps?*	
C Yes ⊙ No		
Nationwide Permit (NWP) Number:	13 - Bank Stabilization	
Nationwide Permit (NWP) Number:	33 - Temporary Construction	
NWP Numbers (for multiple NWPS):		
List all NW numbers you are applying for not on the drop down list.		
1d. Type(s) of approval sought from the DWR:* check all that apply		
<ul> <li>✓ 401 Water Quality Certification - Regular</li> <li>✓ Non-404 Jurisdictional General Permit</li> </ul>		☐ 401 Water Quality Certification - Express ☐ Riparian Buffer Authorization

#### **Pre-Filing Meeting Information**

Before submitting this form please ensure you have submitted the Pre-Filing Meeting Request Form as we will not be able to accept your application without this important first step. The Pre-Filing Meeting Request Form is used in accordance with 40 C.F.R. Section 121.4(a) "At least 30 days prior to submitting a certification request, the project proponent shall request a pre-filing meeting with the certifying agency" and in accordance with 40 C.F.R. Section 121.5(b)(7), and (c)(5) all certification requests shall include documentation that a pre-filing meeting request was submitted to the certifying authority at least 30 days prior to submitting the certification request. Click **here** to read more information on when this form is needed prior to application submission or **here** to view the form.

ID#	Version
Pre-fling Meeting or Request Date *	
9/28/2020	
Attach documentation of Pre-Filing Meeting Request here:*	
B-5818 401 Pre-Filing Notification (Mass 12 MLL Request) 2020-09-28.pdf	417.96KB
1e. Is this notification solely for the record because written approval is not required	?
	*
For the record only for DWR 401 Certification:	€ Yes C No
For the record only for Corps Permit:	C Yes € No
1f. Is this an after-the-fact permit application?*	
○ Yes	
1g. Is payment into a mitigation bank or in-lieu fee program proposed for mitigation	of impacts?
If so, attach the acceptance letter from mitigation bank or in-lieu fee program	
C Yes	
Acceptance Letter Attachment	
Click the upload button or drag and drop files here to attach document FLETYFEMUST BEPDF	
1h. Is the project located in any of NC's twenty coastal counties?*	
○ Yes	
1j. Is the project located in a designated trout watershed?*  ○ Yes ○ No	
Link to trout information: http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/.	Agency-Coordination/Trout.aspx
B. Applicant Information	⊙
1a. Who is the Primary Contact?*	
NCDOT	
	1c. Primary Contact Phone:*
1b. Primary Contact Email:*	(xxx)xxx-xxxx
ekcheely@ncdot.gov	(919)707-6108
1d. Who is applying for the permit? *	
✓ Owner (Check all that apply)	☐ Applicant (other than owner)
	☐ Applicant (other than owner)
(Check all that apply)	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  C Yes ⊙ No	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  C Yes ⊙ No  2. Owner Information	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  ○ Yes ○ No  2. Owner Information  2a. Name(s) on recorded deed:*	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  C Yes ⓒ No  2. Owner Information  2a. Name(s) on recorded deed:*  NC Department of Transportation  2b. Deed book and page no.:	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  Yes No  2. Owner Information  2a. Name(s) on recorded deed:*  NC Department of Transportation	☐ Applicant (other than owner)
(Check all that apply)  1e. Is there an Agent/Consultant for this project?*  C Yes No  2. Owner Information  2a. Name(s) on recorded deed:*  NC Department of Transportation  2b. Deed book and page no.:  2c. Responsible party:	☐ Applicant (other than owner)

#### Street Address 1598 Mail Service Center Address Line 2 State / Province / Region Raleigh Postal / Zip Code 27699 US 2e. Telephone Number: (xxx)xxx-xxxx (919)707-6108 2f. Fax Number: 2g. Email Address:\* pharris@ncdot.gov C. Project Information and Prior Project History 1. Project Information 1a. Name of project:\* B-5818: Replace Bridge 11 over Deadfall Creek on NC 109 1b. Subdivision name: (if appropriate) 1c. Nearest municipality / town:\* Lowrys 2. Project Identification 2a. Property Identification Number: 2b. Property size: (tax PIN or parcel ID) (in acres) 2c. Project Address Street Address Address Line 2 State / Province / Region Postal / Zip Code Country 2d. Site coordinates in decimal degrees Please collect site coordinates in decimal degrees. Use between 4-6 digits (unless you are using a survey-grade GPS device) after the decimal place as appropriate, based on how the location was determined. (For example, most mobile phones with GPS provide locational precision in decimal degrees to map coordinates to 5 or 6 digits after the decimal place.) Latitude:\* Longitude:\* 34.826772 -80.194570 ex: 34.208504 -77.796371 3. Surface Waters 3a. Name of the nearest body of water to proposed project:\* Deadfall Creek 3b. Water Resources Classification of nearest receiving water:\* С Surface Water Lookup 3c. What river basin(s) is your project located in?\* Yadkin-PeeDee 3d. Please provide the 12-digit HUC in which the project is located.\* 03040201

# 4. Project Description and History

River Basin Lookup

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

4b. Have Corps permits or DWR certific C Yes © No C Unknown	fications been obtained for this project (including all prior phases) in the past? $^{f \star}$	
4d. Attach an 8 1/2 X 11 excerpt from t Click the upload button or drag and drop files here to File type must be pdf	the most recent version of the USGS topographic map indicating the location of the project site. (for DWR or attach document	)
4e. Attach an 8 1/2 X 11 excerpt from t Click the upload button or drag and drop files here to File type must be pdf	the most recent version of the published County NRCS Soil Survey map depicting the project site. (for DW o attach document	IR)
4f. List the total estimated acreage of 0.07	f all existing wetlands on the property:	
4g. List the total estimated linear feet (intermittent and perennial) 1585	t of all existing streams on the property:	
4h. Explain the purpose of the propos	sed project:*	
crossing.	ufficiency rating 49.51 out of 100 and substructure condition appraisal 4 out of 9) that is approaching the end of its use .	eful life to provide a safe
	tail, including indirect impacts and the type of equipment to be used: * T Bridge #11. The existing 120', 3 span bridge will be replaced with a 130', single span girder bridge approximately 50'	dougatroom of the
existing alignment. Traffic will be maintained	ned on the existing bridge during construction. Standard road building equipment such as trucks, dozers, and cranes w	
4j. Please upload project drawings for Click the upload button or drag and drop files here to		
B-5818 Final Permit Drawings.pdf	3.26MB	
File type must be pdf		
5. Jurisdictional Determina	ations	
	en delineated on the property or proposed impact areas?*	
⊙ Yes	C No C Unknown	
Comments:  The only resource identified in the study a Deadfall Creek.	area being impacted is the perennial named stream,	
5b. If the Corps made a jurisdictional of	determination, what type of determination was made?*	
○ Preliminary ○ Approved ○ Not Verific	ied C Unknown C N/A	
Corps AID Number: Example: SAW-2017-99999		
5c. If 5a is yes, who delineated the jur	risdictional areas?	
Name (if known):	Hal Bain and Pete Stafford	
Agency/Consultant Company:	RK&K	
Other:		
5d1. Jurisdictional determination uplo	oad	
Click the upload button or drag and drop files here to File type must be PDF		
6. Future Project Plans		
6a. Is this a phased project?*		
O Yes	⊙ No	
	ral permit(s), or individual permits(s) used, or intended to be used, to authorize any part of the proposed p crossing for linear projects that require Department of the Army authorization but don't require pre-constr	
D. Proposed Impacts	Inventory	(a)
1. Impacts Summary	<del>-</del>	
1a. Where are the impacts associated	d with your project? (check all that apply):	
☐ Wetlands	✓ Streams-tributaries ☐ Buffers	
☐ Open Waters	☐ Pond Construction	

#### 3. Stream Impacts

	3a. Reason for impact *(?)	3b.Impact type *	3c. Type of impact *	3d. S. name *	3e. Stream Type *	3f. Type of Jurisdiction *	- J	3h. Impact length*
S1	Impervious dike	Temporary	Dewatering	Deadfall Creek	Perennial	Both	28 Average (feet)	6 (linear feet)
02	Bank stabilization under old bridge	Permanent	Bank Stabilization	Deadfall Creek	Perennial	Both	28 Average (feet)	46 (linear feet)
00	Bank stabilization at ditch outlets	Permanent	Bank Stabilization	Deadfall Creek	Perennial	Both	28 Average (feet)	20 (linear feet)

<sup>\*\*</sup> All Perennial or Intermittent streams must be verified by DWR or delegated local government.

3i. Total jurisdictional ditch impact in square feet:

0

3i. Total permanent stream impacts:

66

3i. Total temporary stream impacts:

6

3i. Total stream and ditch impacts:

72

#### 3j. Comments:

Temporary impacts from impervious dikes total 52 linear feet (<0.01 acre), but 46 linear feet of these impacts overlap with the bank stabilization under the old bridge.

#### E. Impact Justification and Mitigation

#### 1. Avoidance and Minimization

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

The existing drainage patterns are being maintained. All proposed ditches will flow towards the creek. There will be 6" vertical PVC pipe slots at both ends of the bridge to convey runoff and meet the requirements of 4' allowable spread. The deck drains will not discharge directly above the stream. At the end of the bridge, two TB2GIs are placed in the shoulder berm gutters to convey the bridge runoff to the floodplain areas with Class B riprap outlet protection. The abutments of the bridge will be protected by Class II riprap to prevent future erosion and stream migration.

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

Temporary impervious dikes will be utilized during the installation of bank stabilization. Traffic will be maintained on the existing bridge during construction. NCDOT will adhere to Best Management Practices for Construction and Maintenance Activities.

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

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

C Yes © No

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

The NCDOT does not propose mitigation for the temporary and bank stabilization impacts associated with this project. These impacts do not require permanent fill in the stream bed, therefore, under Section 404 of the Clean Water Act, do not constitute Loss of Waters of the U.S., and are not subject to compensatory mitigation.

NC Stream Temperature Classification Maps can be found under the Mitigation Concepts tab on the Wilmington District's RIBITS website

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



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

#### 1. Diffuse Flow Plan

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

C Yes © No

For a list of options to meet the diffuse flow requirements, click here.

#### If no, explain why:

No buffered resources within the project area.

#### 2. Stormwater Management Plan

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

⊙ Yes ○ No

Comments:

# G. Supplementary Information



#### 1 Environmental Documentation

i. Environmental Documenta	LION	
1a. Does the project involve an expenditur  • Yes	re of public (federal/state/local) funds or the use of No	of public (federal/state) land?*
1b. If you answered "yes" to the above, do Environmental Policy Act (NEPA/SEPA)?* © Yes	es the project require preparation of an environm	nental document pursuant to the requirements of the National or State (North Carolina)
		e Clearing House? (If so, attach a copy of the NEPA or SEPA final approval letter.)*
NEPA or SEPA Final Approval Letter  Click the upload button or drag and drop files here to attach of B-5818 2018-11-26 MCDC.pdf  FLETYPEMUST BEPDF	document	1.31MB
2. Violations (DWR Requireme	ent)	
2a. Is the site in violation of DWR Water Qu Riparian Buffer Rules (15A NCAC 2B .0200)? O Yes	and the second s	ated Wetland Rules (15A NCAC 2H .1300), or DWR Surface Water or Wetland Standards o
3. Cumulative Impacts (DWR	Requirement)	
3a. Will this project (based on past and rea C Yes	sonably anticipated future impacts) result in addi ೧ No	tional development, which could impact nearby downstream water quality?*
<b>3b. If you answered "no," provide a short n</b> Due to the minimal transportation impact resulting growth. Therefore, a detailed indirect or cumula	ng from this bridge replacement, this project will neither	influence nearby land uses nor stimulate
4. Sewage Disposal (DWR Re	equirement)	
4a. Is sewage disposal required by DWR fo ○ Yes ○ No ○ N/A	r this project?*	
5. Endangered Species and D	Designated Critical Habitat (Corps I	Requirement)
5a. Will this project occur in or near an are	a with federally protected species or habitat?*	
• Yes	○ No	
5b. Have you checked with the USFWS con  O Yes	cerning Endangered Species Act impacts?*  ⊙ No	
5d. Is another Federal agency involved?*  © Yes	© No	C Unknown
5e. Is this a DOT project located within Divi	ision's 1-8? *	
5f. Will you cut any trees in order to conduct ⊙ Yes ○ No	ct the work in waters of the U.S.?*	
5g. Does this project involve bridge mainte ⊙ Yes ○ No	enance or removal?*	
5g(1). If yes, have you inspected the bridge Appendix F, pages 3-7. ○ Yes ⓒ No	e for signs of bat use such as staining, guano, bat	ts, etc.? Representative photos of signs of bat use can be found in the NLEB SLOPES,
	eg.usace.army.mil/NLEB/1-30-17-signed_NLEB-SLOPES&a	pps.pdf
If you answered "Yes" to 5g(1), did you disc ○ Yes ○ No ⊙ Unknown	cover any signs of bat use?*	
*** If yes, please show the location of the b	ridge on the permit drawings/project plans.	
5h. Does this project involve the construct	tion/installation of a wind turbine(s)?**	

5i. Does this project involve (1) blasting, and/or (2) other percussive activities that will be conducted by machines, such as jackhammers, mechanized pile drivers, etc.?\*

⊙ Yes ○ No

If yes, please provide details to include type of percussive activity, purpose, duration, and specific location of this activity on the property. Click the upload button or drag and drop files here to attach document 5j. What data sources did you use to determine whether your site would impact Endangered Species or Designated Critical Habitat?\* As of 7/17/20, the USFWS lists three protected species for Anson County. Red-cockaded woodpecker is listed as historical for Anson County, therefore surveys are not required for this species. However, there is no habitat present for red-cockaded woodpecker within the project area. There is habitat present for Schweinitz's sunflower, and the most recent survey for this species was conducted in October 2019, and no individuals were found Surveys for Carolina heelsplitter were conducted in 2016 and 2018 (2018 survey report included with this ePCN). While habitat is present for this species, no individuals were found during either survey. As USACE is the lead agency for this project, NCDOT cannot render a biological conclusion, but per recent guidance from USFWS, when there is aquatic habitat present, a biological conclusion of May Affect, Not Likely to Adversely Affect is usually recommended. NMFS lists Atlantic and shortnose sturgeon in this area, but per Fritz Rohde from NOAA Marine Fisheries, there is no habitat present for either of these species within the project vicinity. **Consultation Documentation Upload** Click the upload button or drag and drop files here to attach document B-5818 Mussel Survey Report 2019.pdf 2.06MB File type must be PDF 6. Essential Fish Habitat (Corps Requirement) 6a. Will this project occur in or near an area designated as an Essential Fish Habitat? C Yes ⊙ No 6b. What data sources did you use to determine whether your site would impact an Essential Fish Habitat?\* NMFS County Index 7. Historic or Prehistoric Cultural Resources (Corps Requirement) Link to the State Historic Preservation Office Historic Properties Map (does not include archaeological data: http://gis.ncdcr.gov/hpoweb/ 7a. Will this project occur in or near an area that the state, federal or tribal governments have designated as having historic or cultural preservation status (e.g., National Historic Trust designation or properties significant in North Carolina history and archaeology)? C Yes 7b. What data sources did you use to determine whether your site would impact historic or archeological resources? Tribal coordination 7c. Historic or Prehistoric Information Upload Oick the upload button or drag and drop files here to attach document B-5818 Catawba Indian Nation Response.pdf 378.32KB File must be PDF 8. Flood Zone Designation (Corps Requirement) Link to the FEMA Floodplain Maps: https://msc.fema.gov/portal/search 8a. Will this project occur in a FEMA-designated 100-year floodplain?\* 8b. If yes, explain how project meets FEMA requirements: 8c. What source(s) did you use to make the floodplain determination?\* FFMA Mans (^) Miscellaneous Miscellaneous attachments not previously requested

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

288 03KB B-5818 Cover Letter.pdf

File must be PDF or KMZ

Signature

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

The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief; and

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

#### Full Name:\*

Michael Anthony Turchy

#### Signature \*

Michael Tunchy

#### Date

12/11/2020

#### RE: Pre-Filing Notification for Raleigh Let Projects in the 12 MLL

#### Carpenter, Kristi < kristilynn.carpenter@ncdenr.gov>

Wed 10/21/2020 5:36 PM

To: Dagnino, Carla S <cdagnino@ncdot.gov>; Chapman, Amy <amy.chapman@ncdenr.gov>; Wanucha, Dave <dave.wanucha@ncdenr.gov>; Hood, Donna <donna.hood@ncdenr.gov>; Ridings, Rob <rob.ridings@ncdenr.gov>; Steenhuis, Joanne <joanne.steenhuis@ncdenr.gov>; Ward, Garcy <garcy.ward@ncdenr.gov>

Cc: Barrett, William A <wabarrett@ncdot.gov>; Cheely, Erin K <ekcheely@ncdot.gov>; Cashin, Gordon E <gcashin@ncdot.gov>; Rivenbark, Chris <crivenbark@ncdot.gov>; Dilday, Jason L <jldilday@ncdot.gov>; Hemphill, Jeffrey L <jhemphill@ncdot.gov>; Riffey, Deanna <driffey@ncdot.gov>; Turchy, Michael A <maturchy@ncdot.gov>; Murray, Christopher A <camurray@ncdot.gov>; Price, Gregory W <gwprice2@ncdot.gov>; Hining, Kevin J <kjhining@ncdot.gov>; Harris, Philip S <pharris@ncdot.gov>

1 attachments (18 KB)

Pre Filing Notification List of Projects from 12 MLL Through Sept 21 to NCDWR (002).xlsx;

#### All.

Please see the attached spreadsheet which has added columns with the DWR project and version number for each project listed along a link to each project in Laserfiche.

All notifications are in our system with the original notification date of 9/28/2020.

Please utilize the added DWR information when sending the applications for the listed projects.

Please contact me if there are any questions/concerns.

Thanks,

Kristi Lynn Carpenter

From: Dagnino, Carla S <cdagnino@ncdot.gov> Sent: Monday, September 28, 2020 12:09 PM

**To:** Chapman, Amy <amy.chapman@ncdenr.gov>; Carpenter,Kristi <kristilynn.carpenter@ncdenr.gov>; Wanucha, Dave <dave.wanucha@ncdenr.gov>; Hood, Donna <donna.hood@ncdenr.gov>; Ridings, Rob <rob.ridings@ncdenr.gov>; Steenhuis, Joanne <joanne.steenhuis@ncdenr.gov>; Ward, Garcy <garcy.ward@ncdenr.gov>

Cc: Barrett, William A <wabarrett@ncdot.gov>; Cheely, Erin K <ekcheely@ncdot.gov>; Cashin, Gordon E <gcashin@ncdot.gov>; Rivenbark, Chris <crivenbark@ncdot.gov>; Dilday, Jason L <jldilday@ncdot.gov>; Hemphill, Jeffrey L <jhemphill@ncdot.gov>; Riffey, Deanna <driffey@ncdot.gov>; Turchy, Michael A <maturchy@ncdot.gov>; Murray, Christopher A <camurray@ncdot.gov>; Price, Gregory W <gwprice2@ncdot.gov>; Hining, Kevin J <kjhining@ncdot.gov>; Harris, Philip S <pharris@ncdot.gov> Subject: Pre-Filing Notification for Raleigh Let Projects in the 12 MLL

All,

Please see the attached letter and request for the Pre-Filing Notification. We are not requesting a meeting for the attached projects and would like this letter and attachment to represent the notification in Laser Fiche.

If you have any questions about this, please contact me.

Thank you! Carla

#### Carla Dagnino

Environmental Coordination and Permitting Group Leader Environmental Analysis Unit NC Department of Transportation

919 707 6110 Office 919 602 9452 Cell cdagnino@ncdot.gov

1598 Mail Service Center Raleigh, NC 27699 -1598

1000 Birch Ridge Drive Raleigh, NC 27610

# Projects Potentially Requiring Notification per New 401 EPA Rule 12 Month Let List SEPT 2020 - SEPT 2021 (from 36 Month Let List)

DWR Rep	NCDOT Contact	Let Date	<u>TIP</u>	Let Type	Div	County	Project Description	Type of Previous DWR Correspondence	DWR # Version	# Received Laserfiche Link
Wanucha	Bill Barrett	09/21/2021	B-5728	Raleigh Letting	7	Alamance	REPLACE BRIDGE 112 OVER REEDY FORK CREEK IN OSSIPEE ON NC 87	No Files found in Laserfiche	20201505 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326036&dbid=0&repo=WaterResources
Hood	Erin Cheely	05/18/2021	B-4407	Raleigh Letting	10	Anson, Stanly	BRIDGE 70 OVER ROCKY RIVER ON US 52	No Files found in Laserfiche	20201506 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326038&dbid=0&repo=WaterResources
Hood	Erin Cheely	03/16/2021	B-5818	Raleigh Letting	10	Anson	REPLACE BRIDGE 11 OVER DEADFALL CREEK ON NC 109	No Files found in Laserfiche	20201507 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326055&dbid=0&repo=WaterResources
Hood	Bill Barrett	07/20/2021	BR-0107	Raleigh Letting	12	Iredell	SR 1577 BRIDGE 131 REPLACE BRIDGE 131 OVER TO SNOW CREEK.	No Files found in Laserfiche	20201508 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326056&dbid=0&repo=WaterResources
Hood	Rail Division	08/17/2021	P-5705A	Raleigh Letting	10	Mecklenburg	CHARLOTTE WYE CONNECTION - RAIL	No Files found in Laserfiche	20181692 2	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326025&dbid=0&repo=WaterResources
Ridings	Chris Murray	02/16/2021	B-5318	DDRL	5	Wake	REPLACE BRIDGE 910126 OVER SMITHS CREEK SR 2044 (LIGON MILLROAD) IN WAKE FOREST	Laserfiche Files: Scoping Letter	20201509 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326057&dbid=0&repo=WaterResources
Steenhuis	Gordon Cashin	07/20/2021	B-5624	Raleigh Letting	3	Brunswick	BRIDGE 57 OVER JUNIPER CREEK ON NC 211	Laserfiche Files: P/JD Package	20201510 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326058&dbid=0&repo=WaterResources
Steenhuis	Gordon Cashin	07/20/2021	D 5642	Raleigh Letting	2	Brunswick	BRIDGE 65 OVER HOOD CREEK ON NC 87	No Files found in Laserfiche	20201511 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326059&dbid=0&repo=WaterResources
Steermus	Gordon Cashin	07/20/2021	D-3042	Raleigh Letting	3	Brunswick	BRIDGE 80 OVER FIGURE CRING 67	No riies tourio in Laserriche	20201512 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326060&dbid=0&repo=WaterResources
Steenhuis	Chris Rivenbark	05/18/2021	BR-0017	Raleigh Letting	3	Duplin	BRIDGE 300012 ON NC 11 OVER LITTLE ROCKFISH CREEK	Laserfiche Files: P/JD Package		, , , , , , , , , , , , , , , , , , ,
Steenhuis	Greg Price	07/20/2021	I-5878	DDRL	6	Harnett	I-95 AT US 421 (EXIT 73) AND SR 1793 (POPE ROAD) (EXIT 72).IMPROVE INTERCHANGES. WIDEN TO EIGHT LANES. (COMB W/I-5883 & I-5996B).	No Files found in Laserfiche	20201513 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326061&dbid=0&repo=WaterResources
Steenhuis	Greg Price	07/20/2021	I-5883	DDRL	6	Harnett	I-95 AT SR 1808 (JONESBORO ROAD) (EXIT 75) TO NORTH OF SR 1709 (HODGES CHAPEL ROAD) (EXIT 77). IMPROVE INTERCHANGES. WIDEN TO EIGHT LANES. (COMB W/I-5878 & I-5986B).	Laserfiche Files: Scoping Letter and JD Request	20201514 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326062&dbid=0&repo=WaterResources
Steenhuis	Greg Price	07/20/2021	I-5986B	DDRL	6	Harnett, Johnston	I-95 FROM SR 1709 (HODGES CHAPEL ROAD - EXIT 77) TO I-40 (EXIT 81). WIDEN TO EIGHT LANES HARNETT/JONSTON COUNTIES. (COMB W/I-5878 & I-5883).	No Files found in Laserfiche	20190214 3	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326029&dbid=0&repo=WaterResources
Steenhuis	Jason Dilday	04/20/2021	R-2561CA	DDRL	6	Columbus	NC 87 AT NC 11. CONSTRUCT INTERCHANGE.	Laserfiche Files: P/JD Package	20201515 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326063&dbid=0&repo=WaterResources
Steenhuis	Greg Price	04/20/2021	R-5797	DDRL	6	Columbus	US 74 AT SR 1506 (BOARDMAN ROAD)	Laserfiche Files: P/JD Package	20201516 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326064&dbid=0&repo=WaterResources
Wanucha	Kevin Hining	07/20/2021	17BP.11.R.15	DDRL	11	Wilkes	BRIDGE 419 ON SR 1148 OVER NAKED CREEK.	No Files found in Laserfiche	20201517 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326065&dbid=0&repo=WaterResources
Wanucha	Erin Cheely	06/15/2021	BR-0048	Raleigh Letting	11	Surry	BRIDGE 103 ON NC 268 OVER MITCHELL RIVER REPLACE BRIDGE.	Laserfiche Files: Start of Study Letter	20201518 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326066&dbid=0&repo=WaterResources
Wanucha	Jeff Hemphill	07/20/2021	BR-0108	Raleigh Letting	11	Wilkes	SR 2418 BRIDGE 4 REPLACE BRIDGE 4 OVER LITTLE HUNTING CREEK.	No Files found in Laserfiche	20201519 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326067&dbid=0&repo=WaterResources
Ward	Jason Dilday	09/21/2021	B-4926	DDRL	2	Lenoir	NEUSE RIVER - REPLACE BRIDGE NO. 20 AND 34 OVER NEUSE RIVEROVERFLOW ON NC 55	Laserfiche Files: Previous NW 6	20181733 2	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326028&dbid=0&repo=WaterResources
Ward	Deanna Riffey	09/21/2021	B-5614	Raleigh Letting	2	Beaufort	REPLACE BRIDGE 9 OVER BLOUNTS CREEK ON SR 1112	No Files found in Laserfiche	20201520 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326068&dbid=0&repo=WaterResources
Ward	Deanna Riffey	05/18/2021	B-5619	Raleigh Letting	2	Lenoir	REPLACE BRIDGE 52 OVER NEUSE RIVER AND REPLACE BRIDGE 152 OVER NEUSE RIVER OVERFLOW ON SR 1389 (HARDY BRIDGE ROAD	No Files found in Laserfiche	20201521 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326069&dbid=0&repo=WaterResources
Ward	Deanna Riffey	09/21/2021	BR-0004	Raleigh Letting	2	Beaufort	BRIDGE 060066 ON US 264 OVER PUNGO RIVER	No Files found in Laserfiche	20201522 1	9/28/2020 https://edocs.deq.nc.gov/WaterResources/Browse.aspx?id=1326070&dbid=0&repo=WaterResources



#### North Carolina Department of Transportation

## Highway Stormwater Program STORMWATER MANAGEMENT PLAN



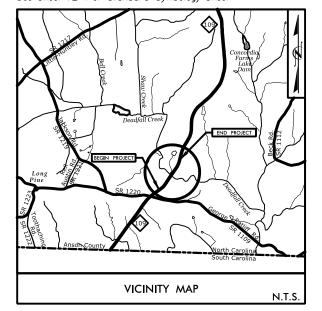
Version 2.08: Released April 2018)

FOR NCDOT PROJECTS

WBS Element:	45771.2.1	TIP No.:	B-5818	Count	y(ies):	Anson				Page	1	of 1
WBO Element.	40171.2.1	111 140	D-0010			nformation				1 age	•	<u> </u>
WBS Element:		45771.2.1		TIP Number: B-5818		om	Project	Type:	Bridge Replaceme	ant	Date:	12/2/2020
NCDOT Contact:		Keith Paschal		Tir Number. D-0010	<u> </u>	Contractor / Desig	•		eers, Inc. / Edward		Date.	12/2/2020
NODOT CONTACT.	Address:	1020 Birch Ridge	Drivo			Contractor / Desig	Address:		Frade Street, Ste. 7			
	Addicss.	•					Addiess.	000 001		15		
		Raleigh, NC 2761	U					Charlotte, I	NC 20202			
		(0.40) =0= 0.404						(70.4) 0.40.4	2==2			
		(919) 707-6481						(704) 816-2				
	Email:	kpaschal@ncdot.g						•	ince@stvinc.com		1	
City/Town:			Wade	sboro		County(ies):	Ans					
River Basin(s):		Yadkin-P	ee Dee			CAMA County?	N <sub>1</sub>	0				
Wetlands within Pro	ject Limits?	No										
				Proje	ect Desc							
Project Length (lin. ı	miles or feet):	0.492	2 Mi	Surrounding Land Us	se:	Partially Wooded						
				Proposed Project					Existin	g Site		
Project Built-Upon A	Area (ac.)		1.0	ac.				0.8	а	C.		
Typical Cross Section	on Description:	•		lders at both ends of the tr	avel lan	es.	O .		h 2' shoulders at bo		e travel lanes.	
		Approach: Two 12	l' lanes, 4' paved	shoulders			Approach: Tw	vo 12' lanes	, variable shoulders	;		
Annual Avg Daily Tr	affic (veh/hr/day):	Design/Future:	2	2640	Year:	2043	Existing:		1320		Year:	2018
General Project Nari	rative:	The existing 120',	3 span bridge ov	er Deadfall Creek Creek o	on NC 10	9 is being replaced	with a single s	pan girder b	oridge with a span a	rrangement o	of 1@130' (72	" MBT Girder).
(Description of Mini	mization of Water			ps with 1.5:1 sloping abuti								
Quality Impacts)				vel lanes. This gives the b								
				nstream of the existing bri								
				ed condition. A proposed								
				nel change will flow toward f 4' allowable spread. Thes								
				e bridge runoff to the flood								
				n. Impervious dikes and de								iprap to prevent
		Tatal o orocion and	ou oug.u.o	po.r.ouo untoo untu ut		9 0001011011 11111 20 01		.9			· (pp).	
				Watork	ody Inf	ormation						
Surface Water Body	(1):		Deadfal		Jouy IIII	NCDWR Stream In	dex No.:			13-47-2		
_				Primary Classification:		Class (						
NCDWR Surface Wa	iter Classification fo	r Water Body		Supplemental Classifica	tion:	None	-					1
Other Stream Classi	ification:	Nor	16	Cappionioniai Giaconioa		140110						1
Impairments:		Nor										I
Aquatic T&E Specie	s?	No	Comments:									
NRTR Stream ID:	·.	140	Comments.					Buffer Pul	es in Effect:			N/A
Project Includes Bri	dae Spanning Water	r Body?	Yes	Deck Drains Discharge (	Over B.	ffor?	N/A			Ruffor?		N/A
			Yes No	(If yes, provide justific				Dissipator Pads Provided in Buffer?  (If yes, describe in the General Project Narrative; if				
Deck Drains Dischar				(ii yes, provide justilio	auun III	ilie Oellelai Fiojecti	varrauve)	(ii yes, t		al Project Nar		, justily iii tile
(ii yes, provid	de justification in the	General Project Na	irrauve)						School	10j00t 1 <b>1</b> ai		

# $\infty$ $\infty$ X

See Sheet 1A For Index of Sheets See Sheet 1B For Standard Symbology Sheet



## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# ANSON COUNTY

LOCATION: BRIDGE #011 OVER DEADFALL CREEK ON NC 109 TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE

SURFACE WATER IMPACTS PERMIT

STV Engineers, Inc. 100 900 West Trade St., Suite 715 Charlotte, NC 28202 NC License Number F-0991

NIKKI T. HONEYCUTT, PE PROJECT ENGINEER

MAAMOON K. ABDELAZIZ

018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: **DECEMBER 3, 2019** 

LETTING DATE:

NOVEMBER 17, 2020

**ENGINEER** 

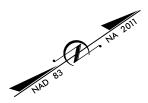
SIGNATURE:
ROADWAY

DESIGN

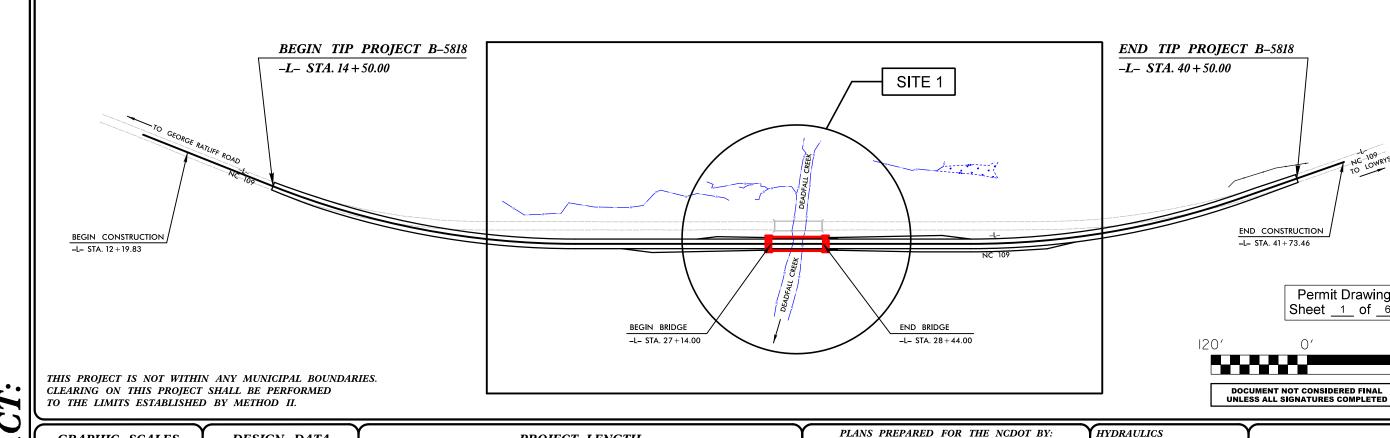
**ENGINEER** 

STATE	STATE	PROJECT REPERENCE NO.		ľ	NO.	SHEETS
N.C.	E	3–5818			6	
STAT	B PROJ. NO.	F. A. PROJ. NO.			DESCRI	PTION
45	771.1.1				P.I	Ε.
45	771.2.1		RO	W	&	UTILITIES





Permit Drawing Sheet 1 of 6



PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B-5818 = 0.467 MILES

TOTAL LENGTH OF TIP PROJECT B-5818 = 0.492 MILES

LENGTH OF STRUCTURE TIP PROJECT B-5818 = 0.025 MILES

NCDOT CONTACT: KEITH PASCHAL, PE

Structure Management Unit

GRAPHIC SCALES

PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

DESIGN DATA

K = 9%

D = 60%

T = 22%\*

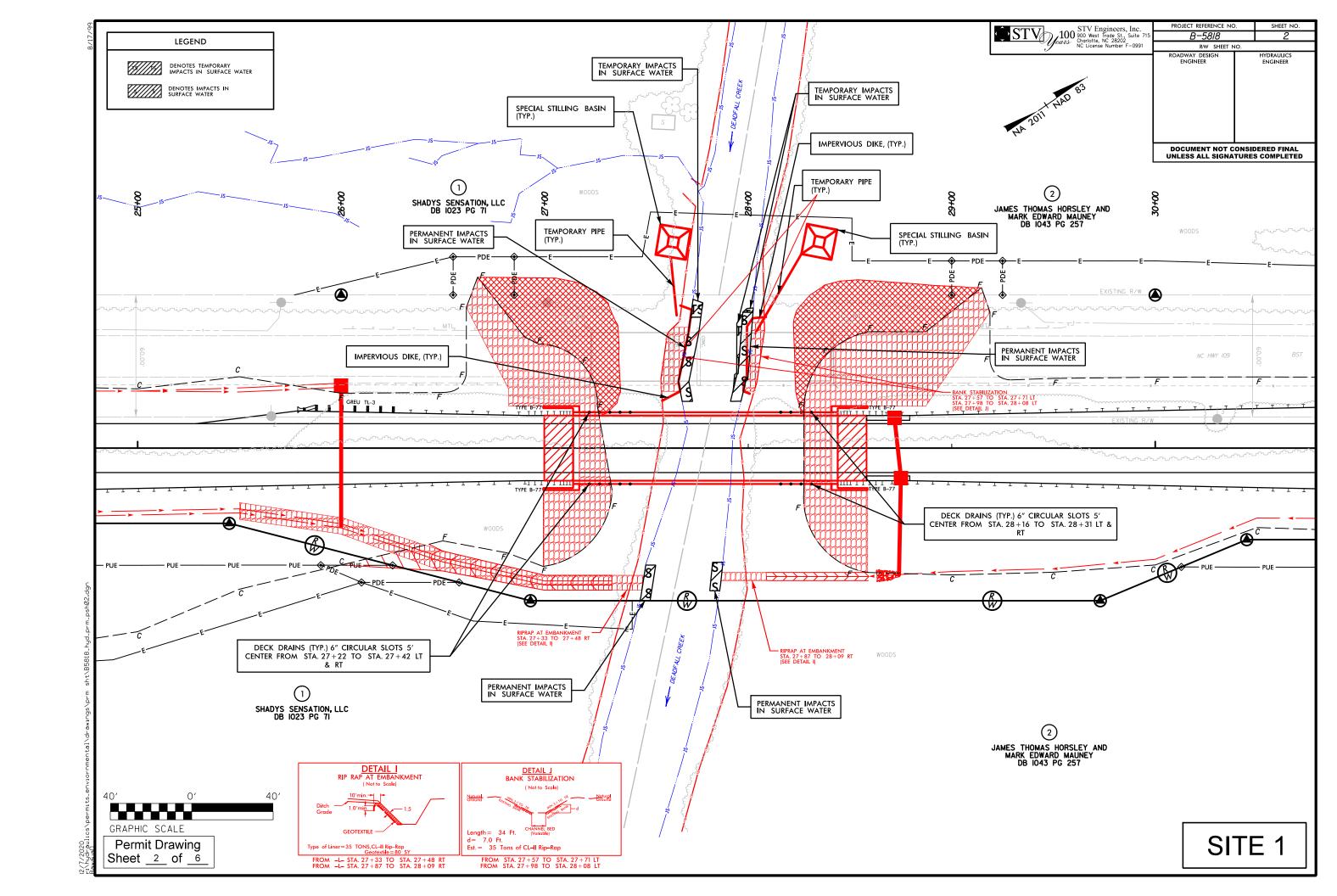
**FUNC. CLASSIFICATION:** MAJOR COLLECTOR

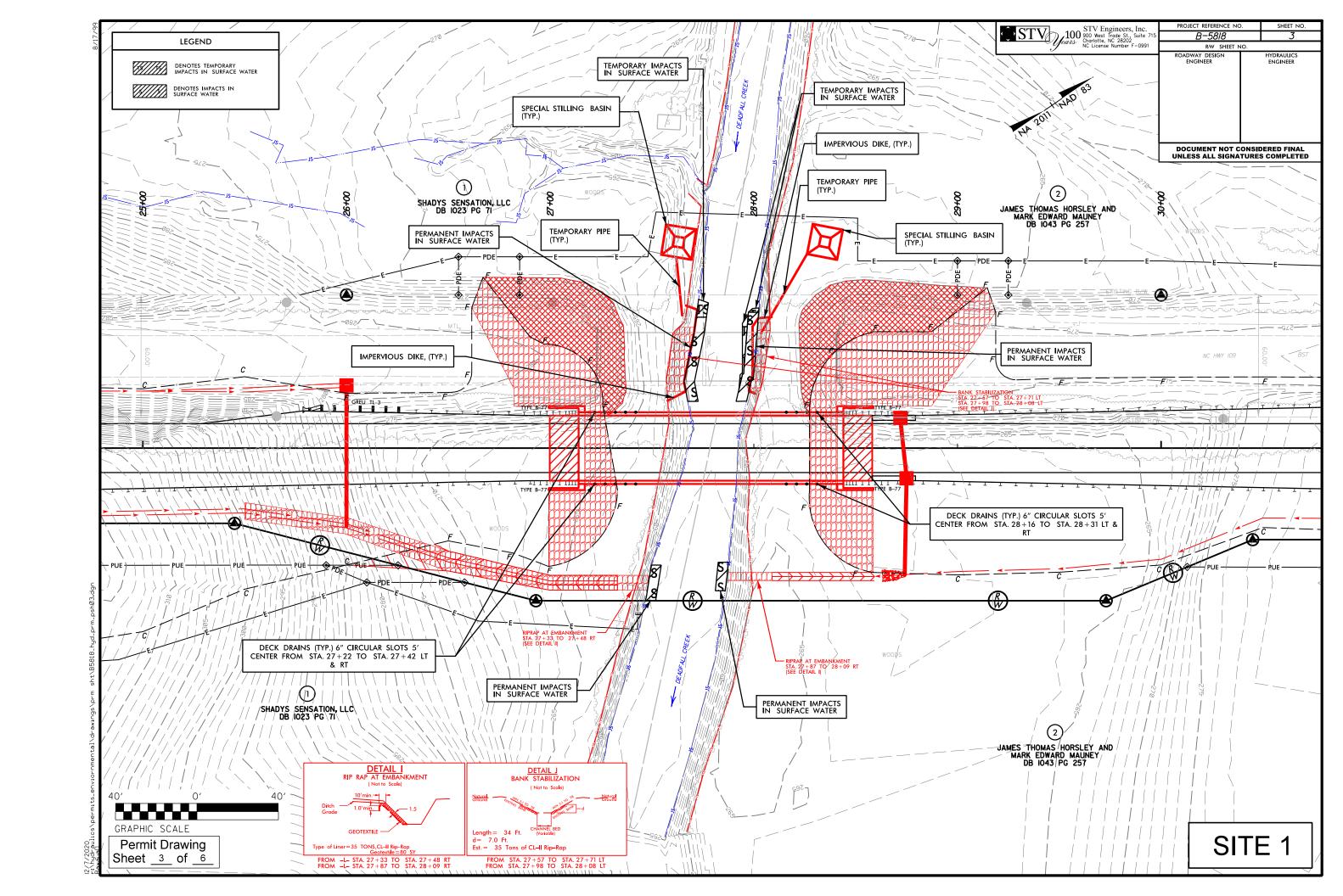
REGIONAL TIER

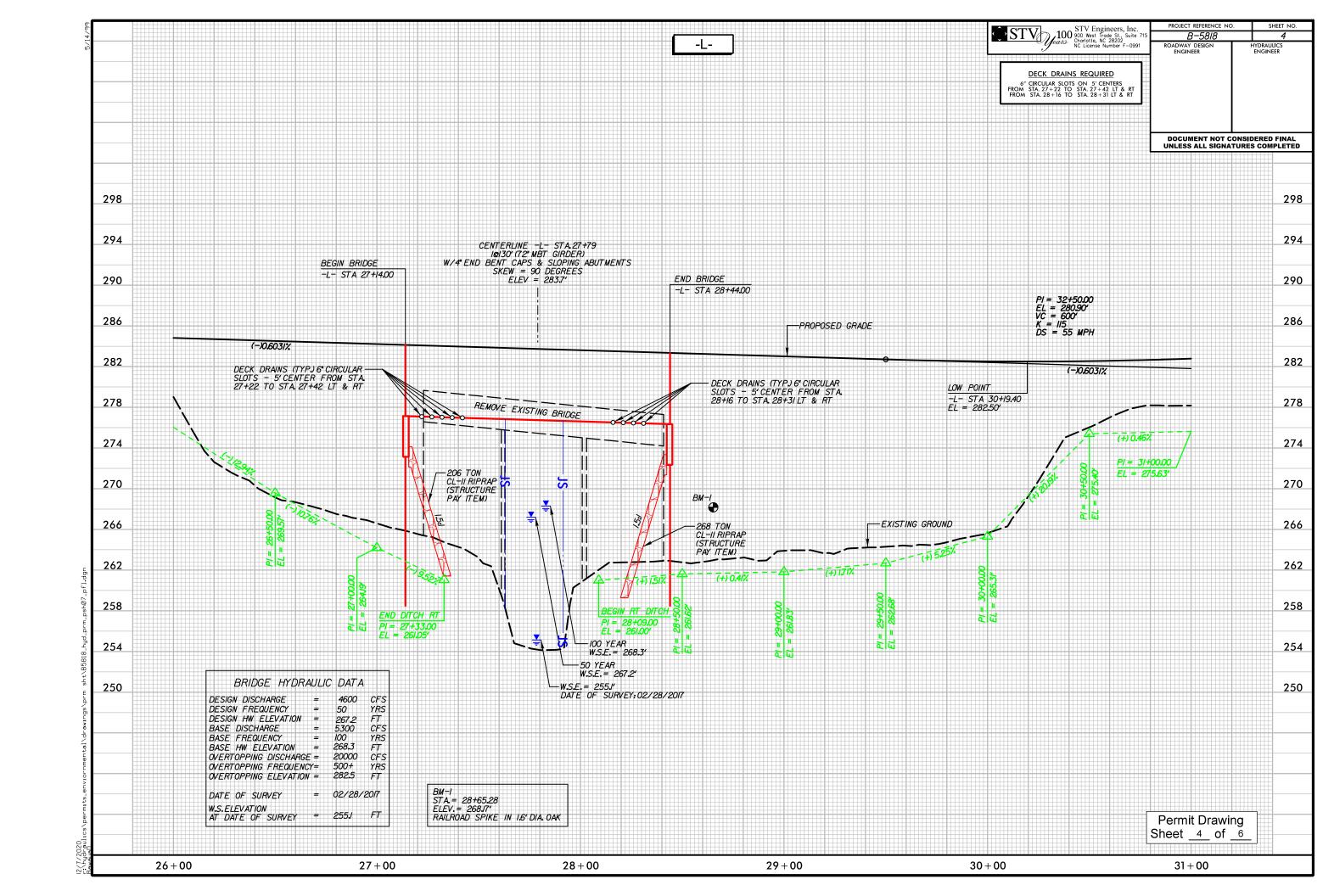
TTST 15% + DUALS 7%)

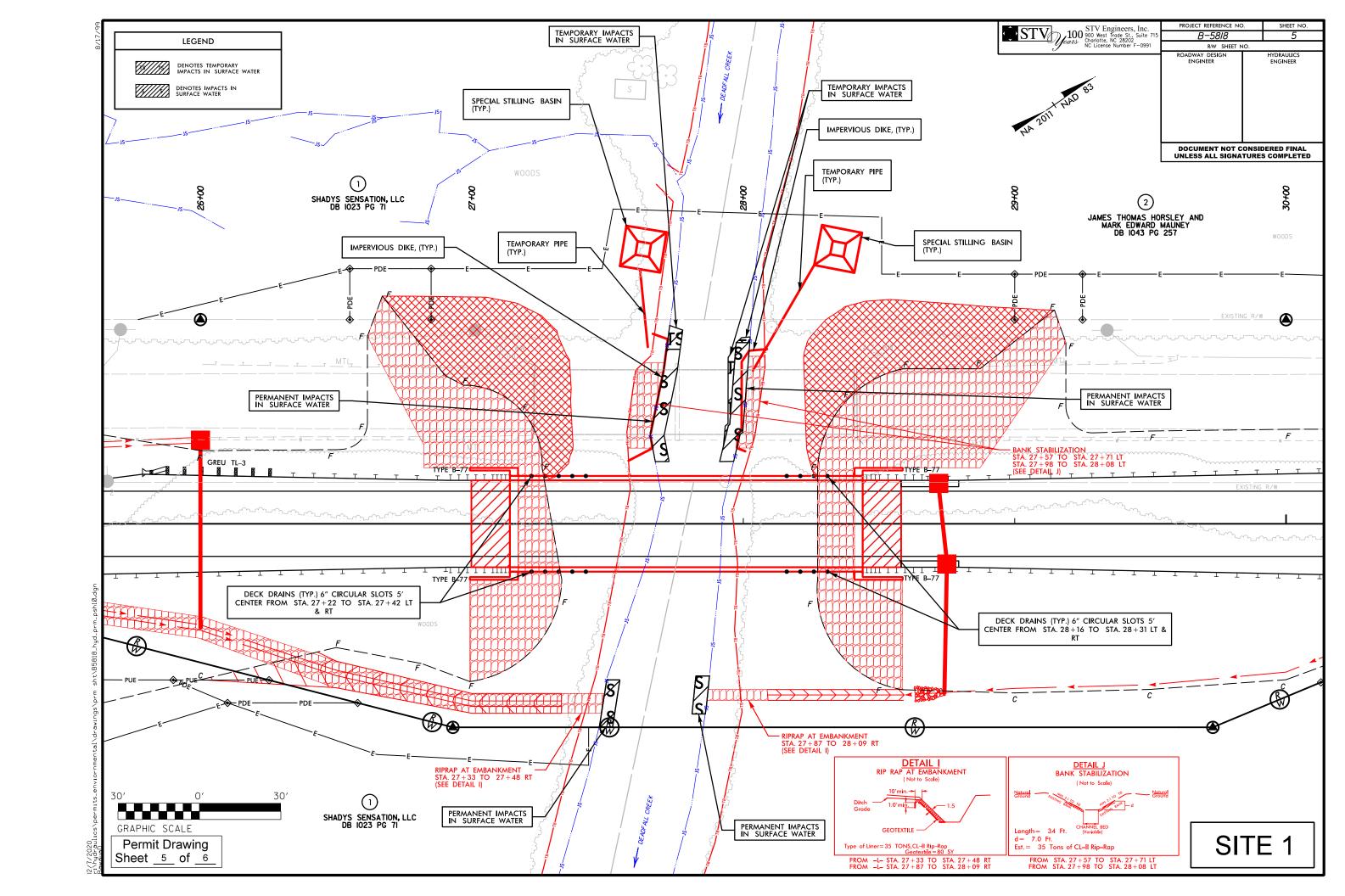
V = 55 MPH

ADT 2018 = 1,320 ADT 2043 = 2,640









			,	WETLAND	PERMIT IM	PACT SUMN	IARY							
				WETLAND IMPACTS						SURFACE WATER IMPACTS				
Site	Station	Structure	Permanent Fill In	Temp. Fill In	Excavation in	Mechanized Clearing	Hand Clearing in	Permanent SW	Temp. SW	Existing Channel Impacts	Existing Channel Impacts	Natural Stream		
No.	(From/To)	Size / Type	Wetlands (ac)	Wetlands (ac)		in Wetlands (ac)	Wetlands (ac)	impacts (ac)	impacts (ac)	Permanent (ft)	Temp.	Design (ft)		
SITE 1	27+65.73 / 27+72.22 27+92.33 / 28+02.55	BANK STABILIZATION (TEMPORARY IMPACTS DUE TO IMPERVIOUS DIKE)						0.01	<0.01	46	6			
SITE 1	27+46.85 / 27+54.54 27+81.12 / 27+87.55	BANK STABILIZATION						<0.01		20				
TOTALS:								0.01	<0.01	66	6			

<sup>\*</sup> TEMPORARY IMPACTS LENGTH TOTAL = 52' (46' TAKEN INTO ACCOUNT IN PERMANENT IMPACTS)

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE #11 OVER DEADFALL CREEK
ON (NC 109)
ANSON COUNTY
B-5818

ATN Revised 3/31/05

SHEET 6 of 6

12/7/2020

### Freshwater Mussel Survey Report

Bridge No. 11 over Deadfall Creek on NC 109 TIP # B-5818 WBS: 45771.1.1

**Anson County, North Carolina** 



#### NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Project Development and Environmental Analysis Unit Natural Environment Section

NCDOT Contact: Matt Haney 919-707-6122; mmhaney@ncdot.gov

June 2019

#### FRESHWATER MUSSEL SURVEY REPORT

**PROJECT:** Protected species survey report for Carolina Heelsplitter (*Lasmigona decorata*), Brook Floater (*Alasmidonta varicosa*), and Atlantic Pigtoe (*Fusconaia masoni*) for the proposed replacement of Bridge No. 11 on NC 109 over Deadfall Creek within the Pee Dee River Basin in Anson County. WBS: 45771.1.1, TIP No. B-5818.

**REPORT BIOLOGISTS:** Joseph D. Alderman and John M. Alderman

The North Carolina Department of Transportation proposes to replace Bridge No. 11 over Deadfall Creek (Stream Index No. 13-47-2) in Anson County (Figures 1 and 2).

The Carolina Heelsplitter is federally listed Endangered by the United States Fish & Wildlife Service (USFWS). The Carolina Heelsplitter exists from the Savannah River Basin in South Carolina to the Pee Dee River Basin in North Carolina. The USFWS documents Union County as part of the historical Carolina Heelsplitter range.

The Brook Floater is a federal At-Risk species (USFWS). The Brook Floater's range extends from Canada to the South Carolina/Georgia state line, including Brown's Creek in Anson County, North Carolina.

The Atlantic Pigtoe is a federal At-Risk Species (USFWS) and is a native Southeast Atlantic Slope freshwater mussel species. The USFWS may list this species as threatened during 2019. The Atlantic Pigtoe has records from the Altamaha River Basin in Georgia to the James River Basin in Virginia. The USFWS documents adjacent Union County as part of the current Atlantic Pigtoe range.

The Carolina Heelsplitter and Brook Floater's preferred habitats include low to higher gradient stable banked streams with relatively silt free substrates. Coarser substrates, including cobble, boulder, and bedrock, are usually present within an occupied stream reach. The best populations have been found in higher water quality, well-oxygenated streams. In general, woodland dominates the landscape. Carolina Heelsplitter records exist in first order streams up to main channels of large rivers. Brook Floater records mostly exist in third order and larger streams.

The Atlantic Pigtoe normally requires clean sand and pea gravel substrates and circumneutral pH water. The highest densities recorded for this species existed in silt free, unconsolidated coarse sand and pea gravel within "run" stream reaches. The best populations have been documented from North Carolina Division of Water Resources Outstanding Resource Waters (ORW) stream reaches or within streams potentially suitable for such designations.

Prior to and after conducting in-stream surveys, reviews of the January 2019 North Carolina Natural Heritage Program (NCNHP), November 2018 North Carolina Wildlife Resources Commission Aquatics Database (NCWRC), NC Museum of Natural Sciences,

Alderman Environmental Services, Inc. (AES), Philadelphia Academy of Natural Sciences (ANSP), and Ohio State University Museum of Biodiversity databases were conducted to determine if there were any records of rare mussels within the proposed project study area or receiving waters. This review indicated that the closest occurrence of the Carolina Heelsplitter (documented in 2017) is within Goose Creek, a tributary of the Rocky River in Union County (NCNHP, NCWRC). This occurrence is more than 100 stream miles downstream from the project site. The closest occurrence of the Brook Floater is Browns Creek in Anson County, which is more than 50 stream miles downstream from Deadfall Creek. The closest occurrence of the Atlantic Pigtoe occurred in the Little River in Montgomery County in 1987, which is more than 75 stream miles from the project site (NCNHP). No dams exist along the main channel of Deadfall Creek.

The North Carolina Department of Environmental Quality (NCDEQ) records no NPDES permits for Deadfall Creek. Deadfall Creek is a Class C stream (NCDEQ 2014). Rhoddy Creek is the next major confluence with Deadfall Creek, which is approximately 1.6 stream mile down from Bridge No. 11.

Alderman Environmental Services, Inc. biologists Joseph D. Alderman (USFWS Permit No. TE28597A-1), John M. Alderman (North Carolina Wildlife Resources Commission Permit No. 18-ES00009 and USFWS Permit No. TE065756-3), and Logan Williams (subpermittee under John Alderman's NCWRC permit) completed a mussel survey at the site on October 23, 2018 within 100+ meters upstream and 400+ meters downstream from the project stream crossing (Figures 1 and 2). Using visual and tactile searches, three person-hours were required to complete the survey within this relatively rural area of Anson County. Stream widths were approximately 15 meters, and banks were up to three meters tall. Depth averaged less than 0.3 meter. The surveyed reach canopy was mostly closed, and wooded buffers were wide. Water was slightly turbid and low. Substrates included silt, sand, gravel, pebble, cobble, boulder, and with bedrock dominate. Beaver activity (gnawed sticks) was observed in Deadfall Creek.

Documented freshwater mussels included eight live Eastern Elliptio (*Elliptio complanata*), two live Eastern Creekshell (*Villosa delumbis*), three live Notched Rainbow (*Villosa constricta*), two live Creeper (*Strophitus undulatus*), four live Atlantic Spike (*E. producta*). The Asian Clam (*Corbicula fluminea*) was observed.

#### **Biological Conclusion**

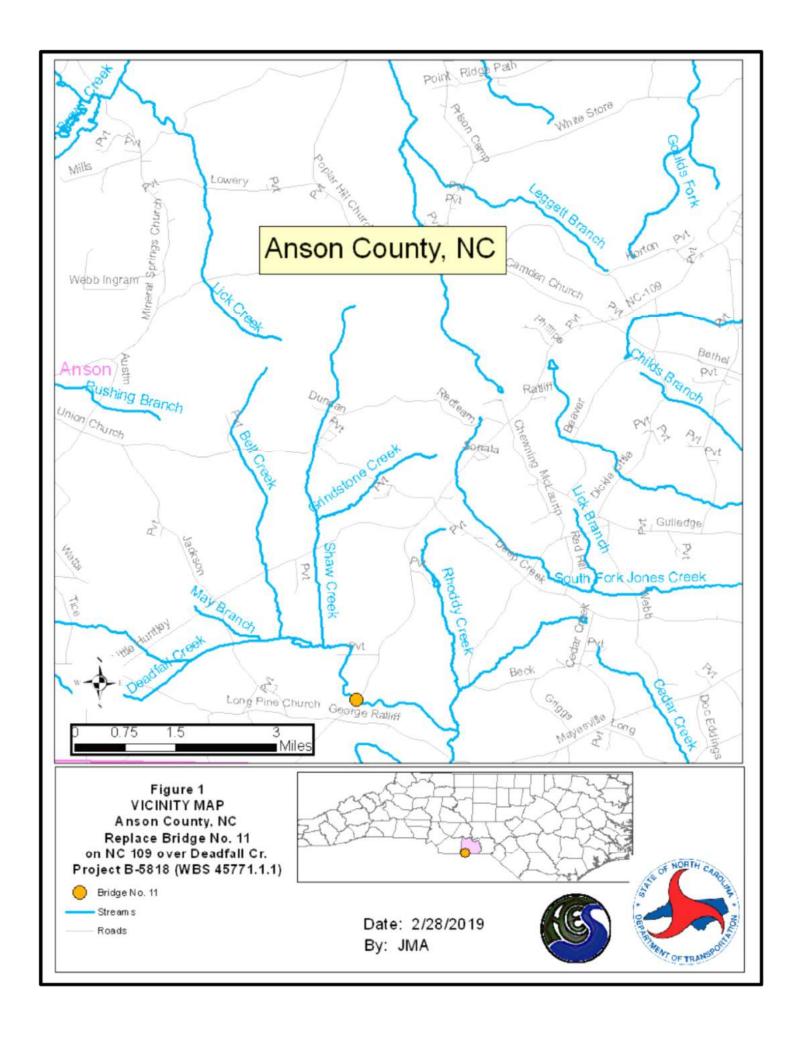
Deadfall Creek near Bridge No. 11 provides good quality habitat for the Carolina Heelsplitter, Brook Floater, and Atlantic Pigtoe. These species are usually associated with streams with high diversities and abundances of other mussel taxa. Although diversity is relatively high within the surveyed reach of Deadfall Creek, observed abundances were low. Given low abundances of other freshwater mussel taxa within the surveyed reach, and the distance to any recent element occurrences (see above data), the project will not affect the Carolina Heelsplitter, Brook Floater, or Atlantic Pigtoe.

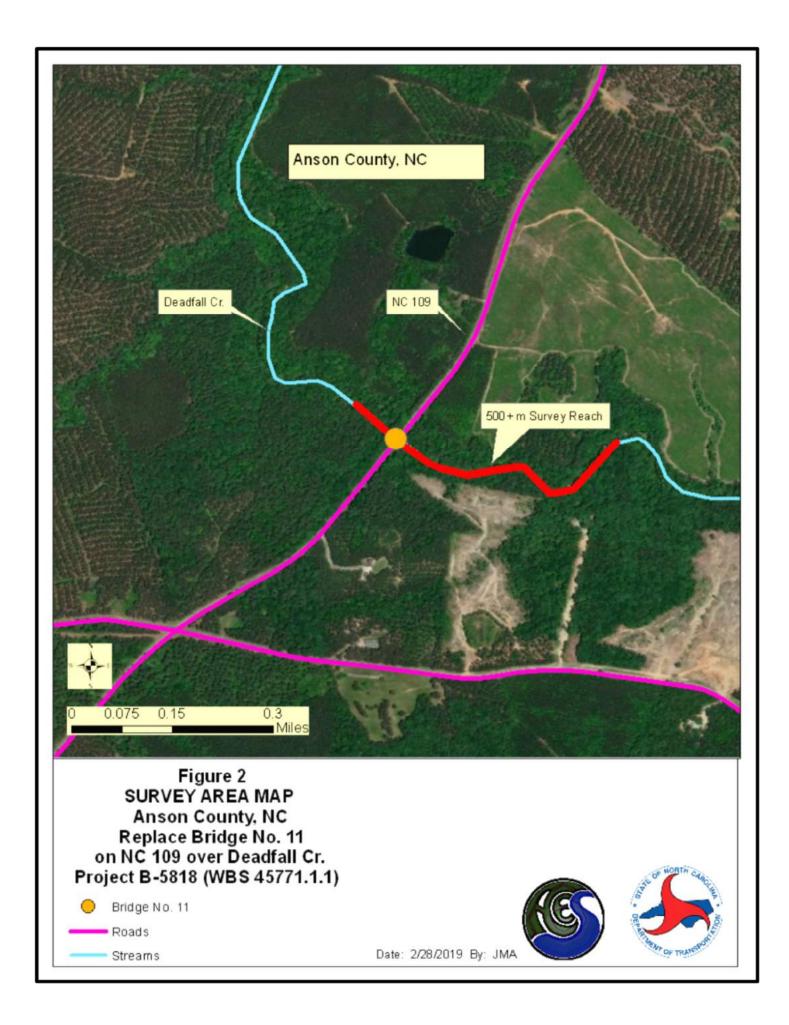
#### References

North Carolina Museum of Natural Sciences. 2016. 1 November 2016 online database search.

North Carolina Natural Heritage Program. 2019. January 2019 Database.

North Carolina Department of Environmental Quality. 2014. GIS shapefiles of 303(d) listed streams and NPDES permits.





Catawba Indian Nation Tribal Historic Preservation Office 1536 Tom Steven Road Rock Hill, South Carolina 29730

Office 803-328-2427 Fax 803-328-5791



January 24, 2020

Attention: David Stutts NC Department of Transportation 1581 Mail Service Center Raleigh, NC 27699

Re. THPO# Project#

Project Description

2020-193-97 B-5818

Replacement of Bridge No. 11 on NC 109 over Deadfall Creek in Anson County

Dear Mr. Stutts.

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.

If you have questions please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

Wenonah G. Haire

Tribal Historic Preservation Officer

Cattle Rogers for