



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.

<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: *

Lenoir

Is this a NCDMS Project *

☐ Yes ☒ No

Click Yes, only if NCDMS is the applicant or co-applicant.

Is this project a public transportation project? *

☒ Yes ☐ No

This is any publicly funded by municipal, state or federal funds road, rail, airport transportation project.

Is this a NCDOT Project? *

☒ Yes ☐ No

(NCDOT only) T.I.P. or state project number:

B-5619

WBS # *

45574.1.1

(for NCDOT use only)

1a. Type(s) of approval sought from the Corps: *

☒ Section 404 Permit (wetlands, streams and waters, Clean Water Act)

☒ Section 10 Permit (navigable waters, tidal waters, Rivers and Harbors Act)

Has this PCN previously been submitted? *

☐ Yes

☒ No

1b. What type(s) of permit(s) do you wish to seek authorization? *

☒ Nationwide Permit (NWP)

☒ Regional General Permit (RGP)

☐ Standard (IP)

This form may be used to initiate the standard/individual permit process with the Corps. Please contact your Corps representative concerning submittals for standard permits. All required items that are not provided in the E-PCN can be added to the miscellaneous upload area located at the bottom of this form.

1c. Has the NWP or GP number been verified by the Corps? *

☒ Yes ☐ No

Nationwide Permit (NWP) Number:

12 - Utility Lines

NWP Numbers (for multiple NWPS):

NW 57

List all NW numbers you are applying for not on the drop down list.

Regional General Permit (RGP) Number:

201902350 - Work associated with bridge construction, widening, replacement, and interchanges

RGP Numbers (for multiple RGPS):

List all RGP numbers you are applying for not on the drop down list.

1d. Type(s) of approval sought from the DWR:*

check all that apply

- ☒ 401 Water Quality Certification - Regular
☐ Non-404 Jurisdictional General Permit
☐ Individual Permit

- ☐ 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#

20201521

Version

1

Pre-filing Meeting or Request Date *

9/28/2020

Attach documentation of Pre-Filing Meeting Request here: *

Pre-Filing Notification Letter and List for 12 MLL.pdf

304.57KB

1e. Is this notification solely for the record because written approval is not required?

*

For the record only for DWR 401 Certification:

☐ Yes ☒ No

For the record only for Corps Permit:

☐ Yes ☒ No

1f. Is this an after-the-fact permit application? *

☐ Yes ☒ No

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

☐ Yes ☒ No

Acceptance Letter Attachment

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

FILE TYPE MUST BE PDF

1h. Is the project located in any of NC's twenty coastal counties? *

☐ Yes ☒ No

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? *

NC DOT

1b. Primary Contact Email: *

driffey@ncdot.gov

1c. Primary Contact Phone: *

(xxx)xxx-xxxx

(919)707-6151

1d. Who is applying for the permit? *

☒ Owner
(Check all that apply)

☐ Applicant (other than owner)

1e. Is there an Agent/Consultant for this project? *

☐ Yes ☒ No

2. Owner Information

2a. Name(s) on recorded deed: *

Multiple Properties

2b. Deed book and page no.:

2c. Responsible party:

(for Corporations)

2d. Address *

Street Address

1598 Mail Service Center

Address Line 2

City

Raleigh

Postal / Zip Code

27699-1598

State / Province / Region

NC

Country

USA

2e. Telephone Number: *

(xxx)xxx-xxxx

(919)707-6000

2f. Fax Number:

(xxx)xxx-xxxx

2g. Email Address: *

pharris@ncdot.gov

C. Project Information and Prior Project History

1. Project Information

1a. Name of project: *

Replacement of Bridge no. 52 over the Neuse River and Bridge No. 152 over the Neuse River overflow on SR1389 (Hardy Bridge Road)

1b. Subdivision name:

(if appropriate)

1c. Nearest municipality / town: *

La Grange

2. Project Identification

2a. Property Identification Number:

(tax PIN or parcel ID)

2b. Property size:

(in acres)

2c. Project Address

Street Address

Address Line 2

City

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: *

35.224615

ex: 34.208504

Longitude: *

-77.766738

-77.796371

3. Surface Waters

3a. Name of the nearest body of water to proposed project: *

Neuse River

3b. Water Resources Classification of nearest receiving water: *

WS-IV; NSW

[Surface Water Lookup](#)

3c. What river basin(s) is your project located in? *

Neuse

3d. Please provide the 12-digit HUC in which the project is located. *

030202020206

[River Basin Lookup](#)

4. Project Description and History

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: *

Bridge 52 (Neuse River) and Bridge 152 (Neuse River Overflow) were built in 1954. Bridge 52 is approximately 451 feet long, 26.2 feet wide and consists of nine spans. Bridge 152 is approximately 200 feet long, 26.2 feet wide and consists of four spans. There are no existing pedestrian or bicycle facilities along SR 1389 in the project study area inclusive of Bridge 52 and Bridge 152. State bike route number 7, Ocracoke Option, is located within the project study area at both bridge locations. The Mountains-to-Sea Trail (MST) planned corridor also identifies a paddle route section along the Neuse River at Bridge 52.

Land use in the project study area is a combination of maintained roadsides, residential, agricultural and undeveloped natural areas. The project study area is rural and predominantly undeveloped with maintained/mowed road right-of-way, open stream channel flanked by floodplain and forested wetland and agricultural fields toward the northern and southern (upland) ends of the project study area. The Bear Creek- Mill Branch Mitigation Bank is under a conservation easement. After coordination with the USACE it was determined that a existing utility pole can be replaced in place, within the conservation easement boundary.

4b. Have Corps permits or DWR certifications been obtained for this project (including all prior phases) in the past? *

☒ Yes ☐ No ☐ Unknown

4c. If yes, please give the DWR Certification number or the Corps Action ID (exp. SAW-0000-00000).

NW6 - SAW-2019-01183 July 2, 2019

Project History Upload

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

File type must be PDF

4d. Attach an 8 1/2 X 11 excerpt from the most recent version of the USGS topographic map indicating the location of the project site. (for DWR)

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

File type must be pdf

4e. Attach an 8 1/2 X 11 excerpt from the most recent version of the published County NRCS Soil Survey map depicting the project site. (for DWR)

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

File type must be pdf

4f. List the total estimated acreage of all existing wetlands on the property:

12.69

4g. List the total estimated linear feet of all existing streams on the property:

(intermittent and perennial)

1,901

4h. Explain the purpose of the proposed project: *

Bridge 52 is considered functionally obsolete due to deck geometry and has a posted weight limit of 30 tons. Bridge 152 is considered structurally deficient due to the appraisals of the superstructure and substructure conditions. Safety is a factor for both bridges.

4i. Describe the overall project in detail, including indirect impacts and the type of equipment to be used: *

The proposed replacement of Bridges No. 52 over the Neuse River and No. 152 over the Neuse River Overflow and their approaches will be on existing alignment. Traffic will be rerouted and maintained along a 16.5-mile off-site detour during construction. Proposed replacement Bridge 52 will have a minimum 35-foot clear roadway with 12-foot lanes and minimum 5-foot shoulders on both sides of the bridge with 5 spans and 42-inch high bridge railings to accommodate bicyclists. Proposed replacement Bridge 152 will have a minimum 36 feet and six inches of clear roadway width that includes two 12-foot lanes with minimum 6-foot three-inch shoulders on both sides of the bridge with 4 spans and 42-inch high bridge railings to accommodate bicyclists. The replacement Bridge 52 will be approximately 460 feet long and Bridge 152 will be approximately 220 feet long. Standard road building equipment, such as trucks, dozers, and cranes will be used.

4j. Please upload project drawings for the proposed project.

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

B-5619_Permit Drawings.pdf	3.53MB
B-5619_Buffer Drawings.pdf	1.68MB
B-5619_Utility Permit Narrative.pdf	92KB
B-5619_Utility Permit Drawings.pdf	4.77MB

File type must be pdf

5. Jurisdictional Determinations

5a. Have the wetlands or streams been delineated on the property or proposed impact areas? *

☒ Yes ☐ No ☐ Unknown

Comments:

5b. If the Corps made a jurisdictional determination, what type of determination was made? *

☒ Preliminary ☐ Approved ☐ Not Verified ☐ Unknown ☐ N/A

Corps AID Number:

Example: SAW-2017-99999

SAW-2019-01183

5c. If 5a is yes, who delineated the jurisdictional areas?

Name (if known): Connor Makepeace

Agency/Consultant Company: Mead & Hunt

Other:

5d. List the dates of the Corp jurisdiction determination or State determination if a determination was made by the Corps or DWR.

Verification visit on March 25, 2019. JD on July 2, 2019 via NW 6

5d1. Jurisdictional determination upload

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

B -5619 NWP 6_JD .pdf

294.3KB

File type must be PDF

6. Future Project Plans

6a. Is this a phased project? *

☐ Yes

☒ No

Are any other NWP(s), regional general permit(s), or individual permits(s) used, or intended to be used, to authorize any part of the proposed project or related activity? This includes other separate and distant crossing for linear projects that require Department of the Army authorization but don't require pre-construction notification.

D. Proposed Impacts Inventory

1. Impacts Summary

1a. Where are the impacts associated with your project? (check all that apply):

☒ Wetlands

☐ Open Waters

☒ Streams-tributaries

☐ Pond Construction

☒ Buffers

2. Wetland Impacts

If there are wetland impacts proposed on the site, then complete this question for each wetland area impacted.

"W." will be used in the table below to represent the word "wetland".

2a. Site # * (?)	2a1 Reason * (?)	2b. Impact type * (?)	2c. Type of W. *	2d. W. name *	2e. Forested *	2f. Type of Jurisdiction * (?)	2g. Impact area *
Site 1	Excavation	P	Riverine Swamp Forest	WA	Yes	Both	0.020 (acres)
Site 1	Excavation	P	Non-Riverine Swamp Forest	WC	Yes	Both	0.020 (acres)
Site 1	Fill	P	Riverine Swamp Forest	WA	Yes	Both	0.002 (acres)
Site 1	Fill	P	Non-Riverine Swamp Forest	WC	Yes	Both	0.002 (acres)
Site 2	Fill	P	Non-Riverine Swamp Forest	WC	Yes	Both	0.003 (acres)

2g. Total Temporary Wetland Impact

0.000

2g. Total Permanent Wetland Impact

0.047

2g. Total Wetland Impact

0.047

2h. Comments:

There will be a total of 0.309 acre of hand clearing. Site 1: 0.12 acre of hand clearing for overflow bridge and 0.083 acre for aerial line; Site 2: 0.004 acre for driveway access; Site 4: 0.099 acre for aerial line; Site 5: 0.003 acre for aerial line.

3. Stream Impacts

If there are perennial or intermittent stream impacts (including temporary impacts) proposed on the site, then complete this question for all stream sites impacted.

"S." will be used in the table below to represent the word "stream".

	3a. Reason for impact * (?)	3b. Impact type *	3c. Type of impact *	3d. S. name *	3e. Stream Type * (?)	3f. Type of Jurisdiction *	3g. S. width * Average (feet)	3h. Impact length * (linear feet)
S1	Work bridge - Site 3	Temporary	Other	Neuse	Perennial	Both	282	70

** 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:

0

3i. Total temporary stream impacts:

70

3i. Total stream and ditch impacts:

70

3j. Comments:

There will be <0.01 acre of temporary surface water impact for drill shaft casings for Site 3 at Neuse River and 0.18 acre of temporary fill for the work bridge.

6. Buffer Impacts (for DWR)

If project will impact a protected riparian buffer, then complete the chart below. Individually list all buffer impacts below.

6a. Project is in which protect basin(s)? *

Check all that apply.

- ☒ Neuse
☐ Catawba
☐ Goose Creek
☐ Other

- ☐ Tar-Pamlico
☐ Randleman
☐ Jordan Lake

6b. Impact Type * (?)	6c. Per or Temp * (?)	6d. Stream name *	6e. Buffer mitigation required? *	6f. Zone 1 impact *	6g. Zone 2 impact *
Bridge	P	Neuse	No	5,903 (square feet)	3,951 (square feet)

6h. Total buffer impacts:

	Zone 1	Zone 2
Total Temporary impacts:	0.00	0.00
Total Permanent impacts:	5,903.00	3,951.00
Total combined buffer impacts:	5,903.00	3,951.00

6i. Comments:

Supporting Documentation - i.e. Impact Maps, Plan Sheet, etc.

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

File must be PDF

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: *

Impacts were minimized by using an offsite detour and only one temporary bridge as opposed to two temporary bridges. Design Standards in Sensitive Watersheds will be utilized.

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

The Neuse River Overflow Bridge will be replaced using top-down construction. Stormwater will outlet onto a riprap pad outside the wetlands for the Overflow Bridge. Stormwater for the Neuse River Bridge will be treated at each end and will outlet into preformed scour holes. Preformed scour holes will help prevent erosion in buffer zones. Roadway improvements were contained as much as possible within the existing roadway embankment and right of way to minimize impacts to wetlands.

An in-water work moratorium from 2/15-9/30 will be adhered to due to the Neuse River being an Inland Primary Nursery as well as Critical Habitat for the Atlantic sturgeon at this location.

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?

☐ Yes ☒ No

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

Impacts fall below mitigation thresholds.

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?

☒ Yes ☐ No

1b. All buffer impacts and high ground impacts require diffuse flow or other form of stormwater treatment. If the project is subject to a state implemented riparian buffer protection program, include a plan that fully documents how diffuse flow will be maintained.

All Stormwater Control Measures (SCM)s must be designed in accordance with the [NC Stormwater Design Manual](#). Associated supplement forms and other documentation shall be provided.

What type of SCM are you providing?

- ☐ Level Spreader
☐ Vegetated Conveyance (lower SHWT)
☐ Wetland Swale (higher SHWT)
☐ Other SCM that removes minimum 30% nitrogen
☒ Proposed project will not create concentrated stormwater flow through the buffer
(check all that apply)

For a list of options to meet the diffuse flow requirements, click [here](#).

Diffuse Flow Documentation

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

File type must be PDF

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

1a. Does the project involve an expenditure of public (federal/state/local) funds or the use of public (federal/state) land? *

☒ Yes ☐ No

1b. If you answered "yes" to the above, does the project require preparation of an environmental document pursuant to the requirements of the National or State (North Carolina) Environmental Policy Act (NEPA/SEPA)? *

☒ Yes ☐ No

1c. If you answered "yes" to the above, has the document review been finalized by the State Clearing House? (If so, attach a copy of the NEPA or SEPA final approval letter.) *

☐ Yes ☒ No

Comments: *

Type II CEs due not require State Clearing House review.

2. Violations (DWR Requirement)

2a. Is the site in violation of DWR Water Quality Certification Rules (15A NCAC 2H .0500), Isolated Wetland Rules (15A NCAC 2H .1300), or DWR Surface Water or Wetland Standards or Riparian Buffer Rules (15A NCAC 2B .0200)? *

☐ Yes ☒ No

3. Cumulative Impacts (DWR Requirement)

3a. Will this project (based on past and reasonably anticipated future impacts) result in additional development, which could impact nearby downstream water quality? *

☐ Yes ☒ No

3b. If you answered "no," provide a short narrative description.

Due to the existing bridge being replaced, this project will neither influence nearby land uses nor stimulate growth.

4. Sewage Disposal (DWR Requirement)

4a. Is sewage disposal required by DWR for this project? *

☐ Yes ☐ No ☒ N/A

5. Endangered Species and Designated Critical Habitat (Corps Requirement)

5a. Will this project occur in or near an area with federally protected species or habitat? *

☒ Yes ☐ No

5b. Have you checked with the USFWS concerning Endangered Species Act impacts? *

☒ Yes ☐ No

5c. If yes, indicate the USFWS Field Office you have contacted.

Raleigh

5d. Is another Federal agency involved? *

☒ Yes ☐ No ☐ Unknown

What Federal Agency is involved?

NOAA - National Marine Fisheries

5e. Is this a DOT project located within Division's 1-8? *

☒ Yes ☐ No

5j. What data sources did you use to determine whether your site would impact Endangered Species or Designated Critical Habitat? *

USFWS Environmental Conservation Online System (ECOS) website, NCNHP database along with field surveys, USFWS 2020 Programmatic Biological Opinion for the Northern long-eared bat, and National Marine Fisheries Service Programmatic Biological Evaluation approval for Atlantic sturgeon habitat.

Consultation Documentation Upload

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

NOAA Section 7 B-5619.pdf

204.22KB

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? *

☐ 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)? *

☐ Yes ☒ No

7b. What data sources did you use to determine whether your site would impact historic or archeological resources? *

NEPA documentation

7c. Historic or Prehistoric Information Upload

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

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? *

☒ Yes ☐ No

8b. If yes, explain how project meets FEMA requirements:

NCDOT Hydraulics Unit coordination with FEMA.

8c. What source(s) did you use to make the floodplain determination? *

FEMA Maps

Miscellaneous

Comments

The current WQC 4133 for the NW 12 only allows 20' for permanent utility easements in wetlands and streams however a 30' easement is planned for this project. The new WQC 4275 for the upcoming new NW 57 allows for a 30' easement. We'd request an exception for the current NW 12 or issuance under the new NW 57 (3/15/2021).

Written approval from DWR is required for the GP 50 however with the NW 57 option, it does not appear DWR's authorization will require an Individual 401 WQC as impacts due to utility relocations falling below requirements for written approval.

Miscellaneous attachments not previously requested.

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

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");
- I agree 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: ★

Mack Christopher Rivenbark III

Signature ★

A rectangular box containing a handwritten signature in black ink that reads "Mack C. Rivenbark III".

Date

3/5/2021



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 28, 2020

N.C. Division of Water Quality
Transportation Permitting Branch
512 N. Salisbury Street – Archdale Building 12th Floor
Raleigh NC 27604

ATTN: Ms. Amy Chapman, Transportation Permitting Branch Supervisor

Subject: **Request for Pre-filing Meeting, pursuant to Clean Water Act Certification Rule**

Dear Madam:

In accordance with 40 CFR Part 121 of the Clean Water Act Section 401 Certification Rule, effective September 11, 2020, the following documentation is submitted by NCDOT [the project proponent] to serve as a pre-filing notification with the certifying agency, at least 30 days prior to the submission of the 401 Certification Request.

It is anticipated the NCDOT will request a 401 Certification for the projects found on the attached NCDOT 12-month letting list.

NCDOT does not request a meeting for the projects identified. We believe this satisfies the Rule Modification pursuant to 40 CFR Part 121. Please advise if you have any questions or require additional information.

Sincerely,

Carla Dagnino

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

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

<u>DWR Rep</u>	<u>NCDOT Contact</u>	<u>Let Date</u>	<u>TIP</u>	<u>Let Type</u>	<u>Div</u>	<u>County</u>	<u>Project Description</u>	<u>Type of Previous DWR Correspondence</u>
Chapman	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
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
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
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
Hood	Rail Division	08/17/2021	P-5705A	Raleigh Letting	10	Mecklenburg	CHARLOTTE WYE CONNECTION - RAIL	No Files found in Laserfiche
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
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
Steenhuis	Gordon Cashin	07/20/2021	B-5642	Raleigh Letting	3	Brunswick	BRIDGE 65 OVER HOOD CREEK ON NC 87	No Files found in Laserfiche
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-5986B).	No Files found in Laserfiche
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
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
Steenhuis	Jason Dilday	04/20/2021	R-2561CA	DDRL	6	Columbus	NC 87 AT NC 11. CONSTRUCT INTERCHANGE.	Laserfiche Files: P/JD Package
Steenhuis	Greg Price	04/20/2021	R-5797	DDRL	6	Columbus	US 74 AT SR 1506 (BOARDMAN ROAD)	Laserfiche Files: P/JD Package
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
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

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
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
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
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
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

U.S. ARMY CORPS OF ENGINEERS
WILMINGTON DISTRICT

Action Id. **SAW-2019-01183** County: **Lenoir County** U.S.G.S. Quad: **Seven Springs**

GENERAL PERMIT (REGIONAL AND NATIONWIDE) VERIFICATION

Permittee: **Chris Rivenbark**
NCDOT-NEU
Address: **1548 Mail Service Center**
Raleigh NC, 27699
Telephone Number:

Size (acres)		Nearest Town	
Nearest Waterway	<u>Neuse River</u>	River Basin	<u>Neuse</u>
USGS HUC	<u>03020202</u>	Coordinates	Latitude: <u>35.224716</u> Longitude: <u>-77.766817</u>

Location description: **Bridge 152 on Hardy Bridge Road over Neuse River in Lenoir Co, North Carolina.**

Description of projects area and activity: **Applicant proposes to conduct geotechnical borings prior to bridge design and construction**

Applicable Law: ☒ Section 404 (Clean Water Act, 33 USC 1344)
☒ Section 10 (Rivers and Harbors Act, 33 USC 403)

Authorization: Regional General Permit Number and/or Nationwide Permit Number: **NWP 6 Survey Activities**
SEE ATTACHED RGP or NWP GENERAL, REGIONAL AND/OR SPECIAL CONDITIONS

Your work is authorized by the above referenced permit provided it is accomplished in strict accordance with the attached conditions and your submitted application and attached information dated July 2, 2019. Any violation of the attached conditions or deviation from your submitted plans may subject the permittee to a stop work order, a restoration order, a Class I administrative penalty, and/or appropriate legal action.

This verification will remain valid until the expiration date identified below unless the nationwide and/or regional general permit authorization is modified, suspended or revoked. If, prior to the expiration date identified below, the nationwide and/or regional general permit authorization is reissued and/or modified, this verification will remain valid until the expiration date identified below, provided it complies with all requirements of the modified nationwide permit. If the nationwide and/or regional general permit authorization expires or is suspended, revoked, or is modified, such that the activity would no longer comply with the terms and conditions of the nationwide permit, activities which have commenced (i.e., are under construction) or are under contract to commence in reliance upon the nationwide and/or regional general permit, will remain authorized provided the activity is completed within twelve months of the date of the nationwide and/or regional general permit's expiration, modification or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend or revoke the authorization.

Activities subject to Section 404 (as indicated above) may also require an individual Section 401 Water Quality Certification. You should contact the NC Division of Water Resources (telephone 919-807-6300) to determine Section 401 requirements.

For activities occurring within the twenty coastal counties subject to regulation under the Coastal Area Management Act (CAMA), prior to beginning work you must contact the N.C. Division of Coastal Management in Morehead City, NC, at (252) 808-2808.

This Department of the Army verification does not relieve the permittee of the responsibility to obtain any other required Federal, State or local approvals/permits.

If there are any questions regarding this verification, any of the conditions of the Permit, or the Corps of Engineers regulatory program, please contact **Thomas Steffens at (910) 251-4615 or Thomas.A.Steffens@usace.army.mil.**

Corps Regulatory Official: **STEFFENS.THOMAS.ANCRUM.1284** Digitally signed by
706273 STEFFENS.THOMAS.ANCRUM.1284706273
Date: **July 2, 2019** Date: 2019.07.02 10:22:41 -04'00'
Expiration Date of Verification: **March 18, 2022**

A. Determination of Jurisdiction:

1. ☒ There are waters, including wetlands, on the above described project area that may be subject to Section 404 of the Clean Water Act (CWA) (33 USC § 1344) and/or Section 10 of the Rivers and Harbors Act (RHA) (33 USC § 403). This preliminary determination is not an appealable action under the Regulatory Program Administrative Appeal Process (Reference 33 CFR Part 331). However, you may request an approved JD, which is an appealable action, by contacting the Corps district for further instruction. Please note, if work is authorized by either a general or nationwide permit, and you wish to request an appeal of an approved JD, the appeal must be received by the Corps and the appeal process concluded prior to the commencement of any work in waters of the United States and prior to any work that could alter the hydrology of waters of the United States.
2. ☒ There are Navigable Waters of the United States within the above described project area subject to the permit requirements of Section 10 of the Rivers and Harbors Act (RHA) (33 USC § 403) and Section 404 of the Clean Water Act (CWA) (33 USC § 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.
3. ☐ There are waters, including wetlands, within the above described project area that are subject to the permit requirements of Section 404 of the Clean Water Act (CWA) (33 USC § 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.
4. ☐ A jurisdiction determination was not completed with this request. Therefore, this is not an appealable action. However, you may request an approved JD, which is an appealable action, by contacting the Corps for further instruction.
5. ☐ The aquatic resources within the above described project area have been identified under a previous action. Please reference the approved jurisdictional determination issued . Action ID: **SAW-** .

B. Basis For Jurisdictional Determination: See attached Approved JD form(s).

C. Remarks:

D. Attention USDA Program Participants

This delineation/determination has been conducted to identify the limits of Corps' Clean Water Act jurisdiction for the particular site identified in this request. The delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

E. Appeals Information for Approved Jurisdiction Determinations (as indicated in A2 and A3 above).

If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and Request for Appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the following address:

US Army Corps of Engineers
South Atlantic Division
Attn: Jason Steele, Review Officer
60 Forsyth Street SW, Room 10M15
Atlanta, Georgia 30303-8801
Phone: (404) 562-5137

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by _____.

It is not necessary to submit an RFA form to the Division Office if you do not object to the determination in this correspondence.

STEFFENS.THOMAS.ANC

Corps Regulatory Official: **RUM.1284706273**
Thomas Steffens

Digitally signed by
STEFFENS.THOMAS.ANC.RUM.1284706273
Date: 2019.07.02 10:22:24 -04'00'

Date of JD: July 2, 2019

Expiration Date of JD:

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete our Customer Satisfaction Survey, located online at http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0.

Action ID Number: SAW-2019-01183

County: Lenoir County

Permittee: Chris Rivenbark
NCDOT-NEU

Project Name: NCDOT B-5619 Bridge 152-52 Neuse River NW 6

Date Verification Issued: July 2, 2019

Project Manager: Thomas Steffens

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

US ARMY CORPS OF ENGINEERS
WILMINGTON DISTRICT
Attn: Thomas Steffens
Washington Regulatory Field Office
2407 West 5th Street
Washington, North Carolina
27889

Please note that your permitted activity is subject to a compliance inspection by a U. S. Army Corps of Engineers representative. Failure to comply with any terms or conditions of this authorization may result in the Corps suspending, modifying or revoking the authorization and/or issuing a Class I administrative penalty, or initiating other appropriate legal action.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and condition of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

From: [Robert Hoffman](#)
To: [Rivenbark, Chris](#)
Cc: [Karla Reece - NOAA Federal](#); [Riffey, Deanna](#)
Subject: Re: [External] Lenoir County project
Date: Wednesday, November 25, 2020 7:07:47 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Yes that is true. Sorry I thought I sent you an email saying I was ok with you using the programmatic. Have a good Thanksgiving

Sent from my iPhone

On Nov 25, 2020, at 6:31 AM, Rivenbark, Chris <crivenbark@ncdot.gov> wrote:

Good morning,
We wanted to check on the status of our submittal. As I understand it, requests proposing the use of the Programmatic Informal Consultation process are approved 15 days after submittal. Could one of you please confirm?

Chris Rivenbark
NCDOT- Environmental Analysis Unit
(919) 707-6152

From: Rivenbark, Chris
Sent: Thursday, November 5, 2020 11:08 AM
To: Robert Hoffman - NOAA Federal <robert.hoffman@noaa.gov>
Cc: Karla Reece - NOAA Federal <karla.reece@noaa.gov>; Riffey, Deanna <driffey@ncdot.gov>
Subject: RE: [External] Lenoir County project

Good morning Bob,
I've attached our submittal.

Correct, the address in the programmatic is nmfsgenericemailaddress@noaa.gov which I received an undeliverable message. Karla just confirmed that we need to use nmfs.ser.esa.consultations@noaa.gov for all consultations (programmatic or not) and we'll definitely do so for future submittals.

Chris Rivenbark
NCDOT- Environmental Analysis Unit
(919) 707-6152

From: Robert Hoffman - NOAA Federal <robert.hoffman@noaa.gov>

Sent: Thursday, November 5, 2020 10:58 AM
To: Rivenbark, Chris <crivenbark@ncdot.gov>
Cc: Karla Reece - NOAA Federal <karla.reece@noaa.gov>
Subject: [External] Lenoir County project

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov



Hi Chris

Can you forward the info on this project to me. Is the email address in the programmatic not working?

--

Bob Hoffman
Sea Turtle and Fisheries Branch Chief

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

		North Carolina Department of Transportation Highway Stormwater Program STORMWATER MANAGEMENT PLAN FOR NCDOT PROJECTS					
(Version 2.08; Released April 2018)							
WBS Element: 45574.1.1		TIP No.: B-5619		County(ies): Lenoir		Page 1 of 2	
General Project Information							
WBS Element:		45574.1.1		TIP Number: B-5619		Project Type: Bridge Replacement	
NCDOT Contact:		David Stutts, PE		Contractor / Designer:		Mead & Hunt / Roger Weadon, PE	
Address:		1581 Mail Service Center Raleigh, NC 27699-1581		Address:		111 E. Hargett Street Suite 300 Raleigh, NC 27601	
Phone:		(919)-707-6442		Phone:		(919)-714-8669	
Email:		dstutts@ncdot.gov		Email:		roger.weadon@meadhunt.com	
City/Town:		Seven Springs		County(ies):		Lenoir	
River Basin(s):		Neuse		CAMA County?		No	
Wetlands within Project Limits?		Yes					
Project Description							
Project Length (lin. miles or feet):		0.28		Surrounding Land Use:		Mostly Agricultural with some Residential	
		Proposed Project		Existing Site			
Project Built-Up Area (ac.):		0.9 ac.		0.8 ac.			
Typical Cross Section Description:		2-lane minor collector with 12' lanes. 5' full depth paved shoulders, and guardrail between bridges. Fill slopes between 4:1 and 3:1. Overflow bridge has 6.25' shoulders and main bridge has 5.5' shoulders.		2-lane minor collector with about 10' wide lanes with minimal to no shoulder widths. 11' lanes are before the other existing overflow bridge that was recently replaced.			
Annual Avg Daily Traffic (veh/hr/day):		Design/Future: 3000 Year: 2040		Existing: 1850		Year: 2020	
General Project Narrative: (Description of Minimization of Water Quality Impacts)		<p>The proposed project involves replacing the Neuse River bridge (530052) and southern overflow bridge (5300152) along SR 1389 (Hardy Bridge Road) in Lenoir County. The Neuse River is subject to Buffer Rules. The Neuse River Overflow is not subject to Buffer Rules and is considered a wetland. The Neuse River bridge will be replaced with the use of a temporary work bridge and the southern overflow bridge will be replaced utilizing top-down construction. Proposed roadway improvements include lane and shoulder widening along with adding guardrail between the bridges and at the bridge approaches. The project starts between SR 1307 (Pine Bush Rd.) and SR 1300 (Davis Hardy Rd.) and is a total length of 0.284 miles long. For the Neuse River bridge, the stormwater will be treated through storm pipe systems at each end and that will outlet into preformed scour holes. Preformed scour holes are being used to help with preventing erosion in Buffer Zones. Stormwater from the southern overflow bridge will outlet onto a rip rap pad, outside of wetlands. The roadway improvements are mostly contained within the existing roadway embankment and right of way, minimizing wetland impacts. Wetlands delineated through the Neuse River Overflow are separated at the existing southern overflow bridge, and wetlands are not considered to be present underneath the bridge. Therefore wetland impacts have been shown on each side of the bridge to the proposed width of the new structure.</p>					
Waterbody Information							
Surface Water Body (1):		Neuse River		NCDWR Stream Index No.:		27-(104)	
NCDWR Surface Water Classification for Water Body		Primary Classification:		Water Supply IV (WS-IV)			
		Supplemental Classification:		Nutrient Sensitive Waters (NSW)			
Other Stream Classification:		Primary Nursery Areas					
Impairments:							
Aquatic T&E Species?		Yes		Comments: Atlantic Sturgeon			
NRTR Stream ID:		SA		Buffer Rules in Effect:		Neuse	
Project Includes Bridge Spanning Water Body?		No		Deck Drains Discharge Over Buffer?		No	
Deck Drains Discharge Over Water Body?		No		(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)	
(If yes, provide justification in the General Project Narrative)							

[illegible]

Additional Comments

The Preformed Scour Holes are located at outlets in the vicinity of buffer zones near Site 3. They will dissipate the stormwater flow at these pipe outlets before entering the buffer zone. The velocities listed in the table are velocities exiting the preformed scour holes.

* Refer to the NCDOT Best Management Practices Toolbox (2014), NCDOT Standards, the Federal Highway Administration (FHWA) Hydraulic Engineering Circular No. 14 (HEC-14), Third Edition, Hydraulic Design of Energy Dissipators for Culverts and Channels (July 2006), as applicable, for design guidance and criteria.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LENOIR COUNTY

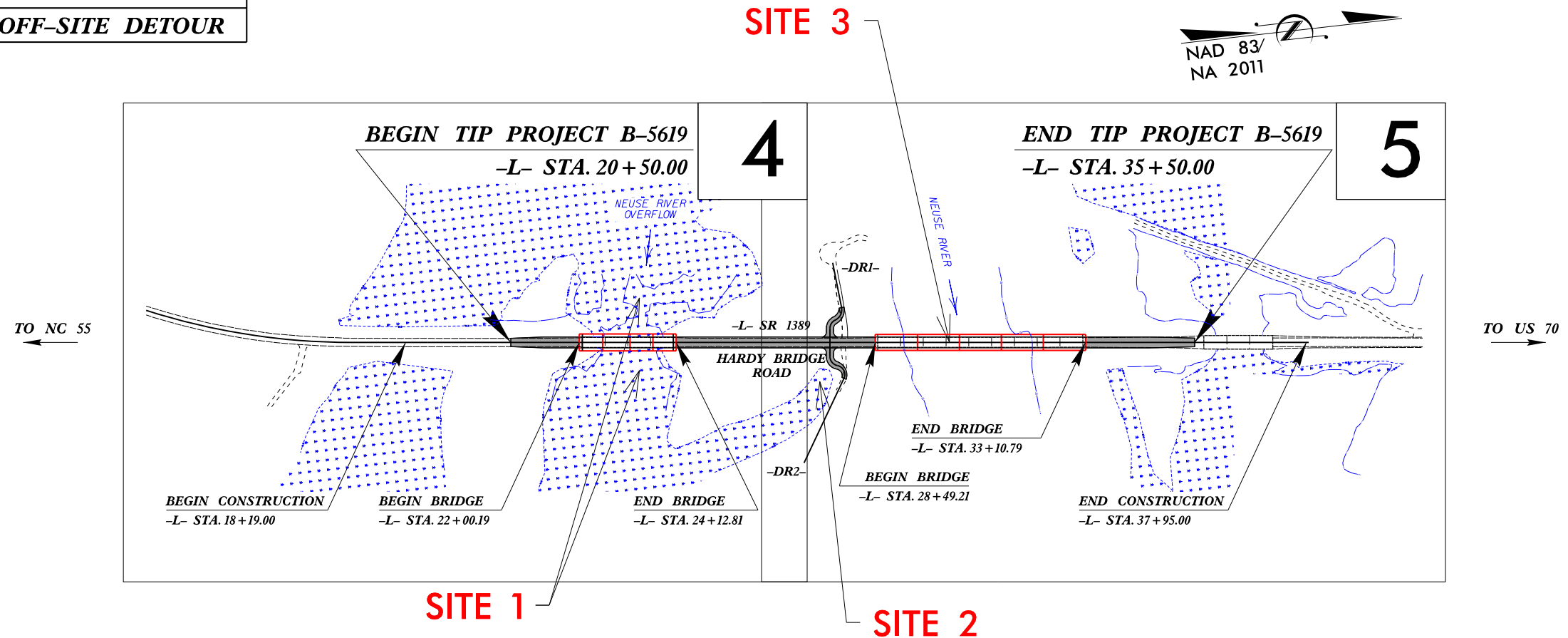
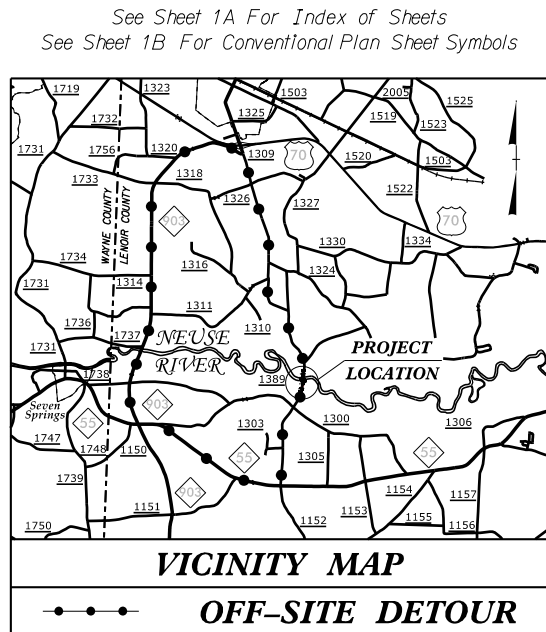
LOCATION: BRIDGE NO. 52 OVER NEUSE RIVER AND
BRIDGE NO. 152 OVER NEUSE RIVER OVERFLOW ON
SR 1389 (HARDY BRIDGE ROAD)
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

WETLAND AND SURFACE WATER IMPACTS PERMIT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5619	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45574.1.1	N/A	PE	
45574.2.1	BRZ-1389(003)	R/W & UTILITY	

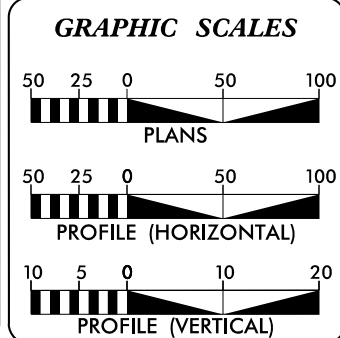
ROW PLANS

PERMIT DRAWING
SHEET 1 OF 12



THERE IS NO CONTROL OF ACCESS ON THIS PROJECT.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2020 = 1850
ADT 2040 = 3000
K = 10 %
D = 70 %
T = 6 % *
V = 60 MPH
* TTST = 2% DUAL = 4%
FUNC CLASS =
MINOR COLLECTOR
SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5619 = 0.156 MILES
LENGTH STRUCTURE TIP PROJECT B-5619 = 0.128 MILES
TOTAL LENGTH TIP PROJECT B-5619 = 0.284 MILES

Prepared for NCDOT in the Office of:

Mead&Hunt

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
SEPTEMBER 15, 2020

LETTING DATE:
MAY 18, 2021

111 E. Hargett Street, Suite 300
Raleigh, North Carolina 27601
919-714-8670 | meadhunt.com
NC License No. F-1235

RICK DECOLA, PE
PROJECT ENGINEER

SURAJ SANGHANI, EI
PROJECT DESIGN ENGINEER

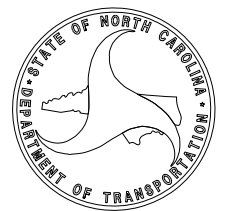
DAVID STUTTS, PE
NCDOT CONTACT

HYDRAULICS
ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN
ENGINEER

SIGNATURE: _____ P.E.

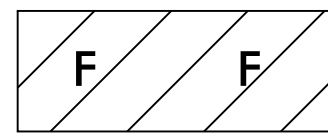


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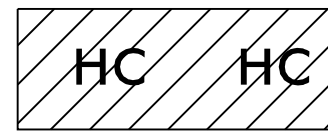
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REVISIONS

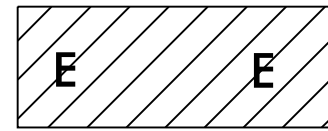
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T = 347.09'
R = 1,475.00'



DENOTES FILL IN
WETLAND



DENOTES HAND
CLEARING

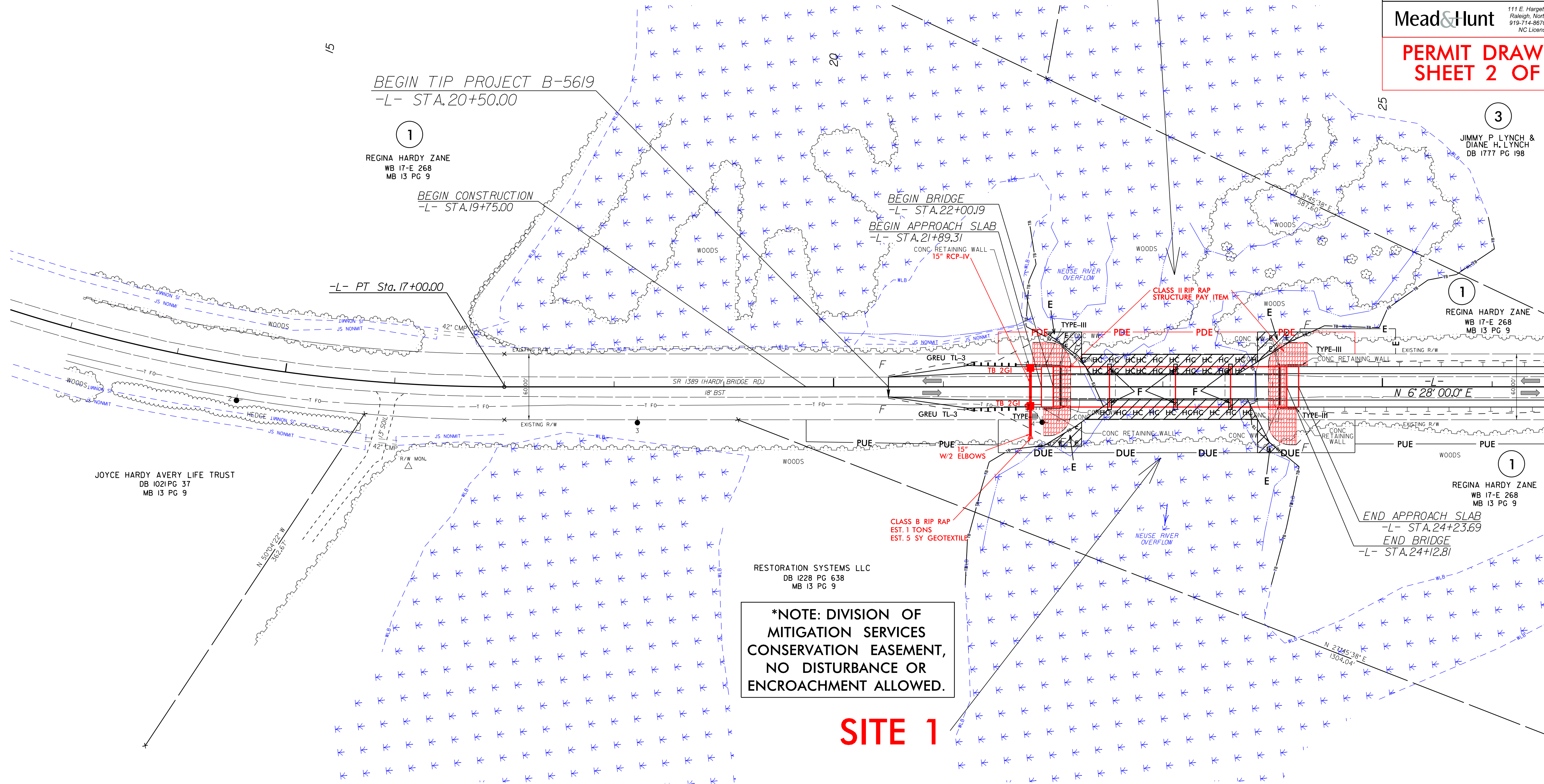


DENOTES EXCAVATION
IN WETLAND

WETLAND AND SURFACE WATER IMPACTS PERMIT

NAD 83/NA 2011

SITE 1



PROJECT REFERENCE NO. B-5619		SHEET NO. 4	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Mead&Hunt		111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 mead&hunt.com NC License No. F-1235	
PERMIT DRAWING SHEET 2 OF 12			

MATCHLINE -L- STA. 26+50 SEE SHEET 5

*NOTE: DIVISION OF
MITIGATION SERVICES
CONSERVATION EASEMENT,
NO DISTURBANCE OR
ENCROACHMENT ALLOWED.

SITE 1

FOR -L- PROFILE, SEE SHEET 6

BRIDGE APPROACH SLAB

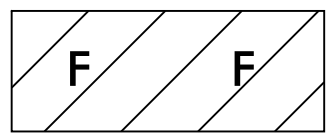
FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-?

8/17/99

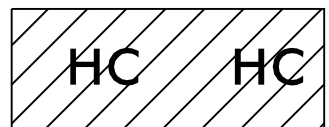
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REVISIONS

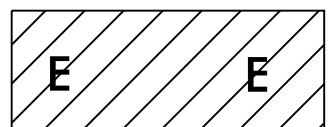
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T = 347.09'
R = 1,475.00'



DENOTES FILL IN
WETLAND



DENOTES HAND
CLEARING

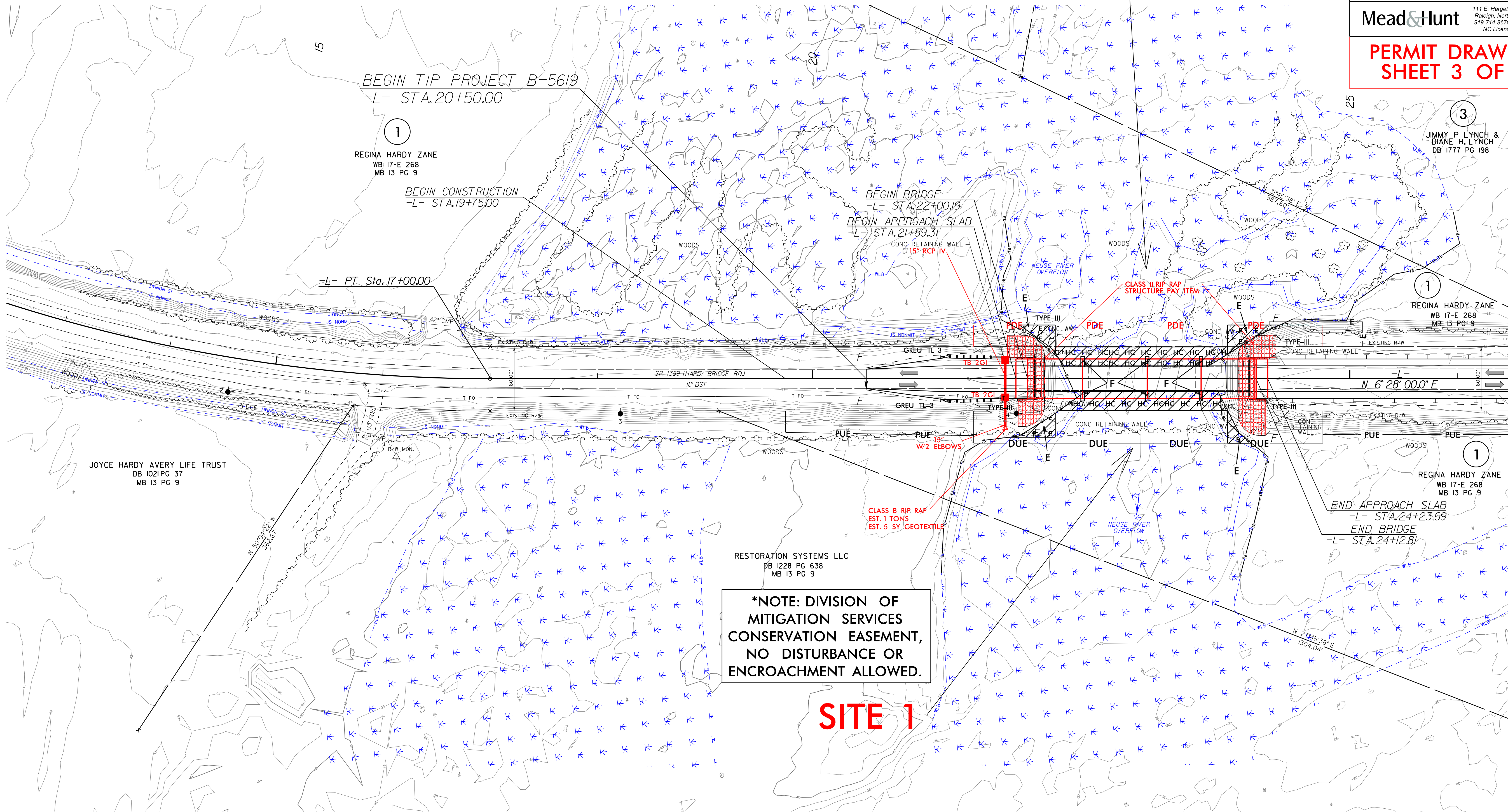


DENOTES EXCAVATION
IN WETLAND

WETLAND AND SURFACE WATER IMPACTS PERMIT

NAD 83/NA 2011

SITE 1



PROJECT REFERENCE NO. B-5619		SHEET NO. 4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Mead&Hunt		111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 mead&hunt.com NC License No. F-1235	
PERMIT DRAWING SHEET 3 OF 12			

MATCHLINE -L- STA. 26+50.00 SEE SHEET 5

*NOTE: DIVISION OF
MITIGATION SERVICES
CONSERVATION EASEMENT,
NO DISTURBANCE OR
ENCROACHMENT ALLOWED.

SITE 1

FOR -L- PROFILE, SEE SHEET 6

BRIDGE APPROACH SLAB

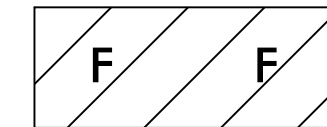
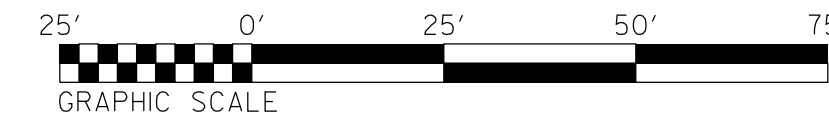
FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-?

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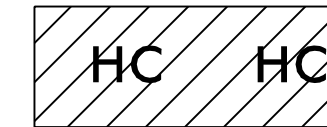
REVISIONS

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17847

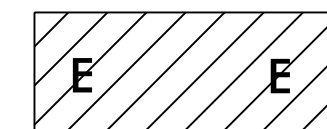
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DENOTES FILL IN
WETLAND

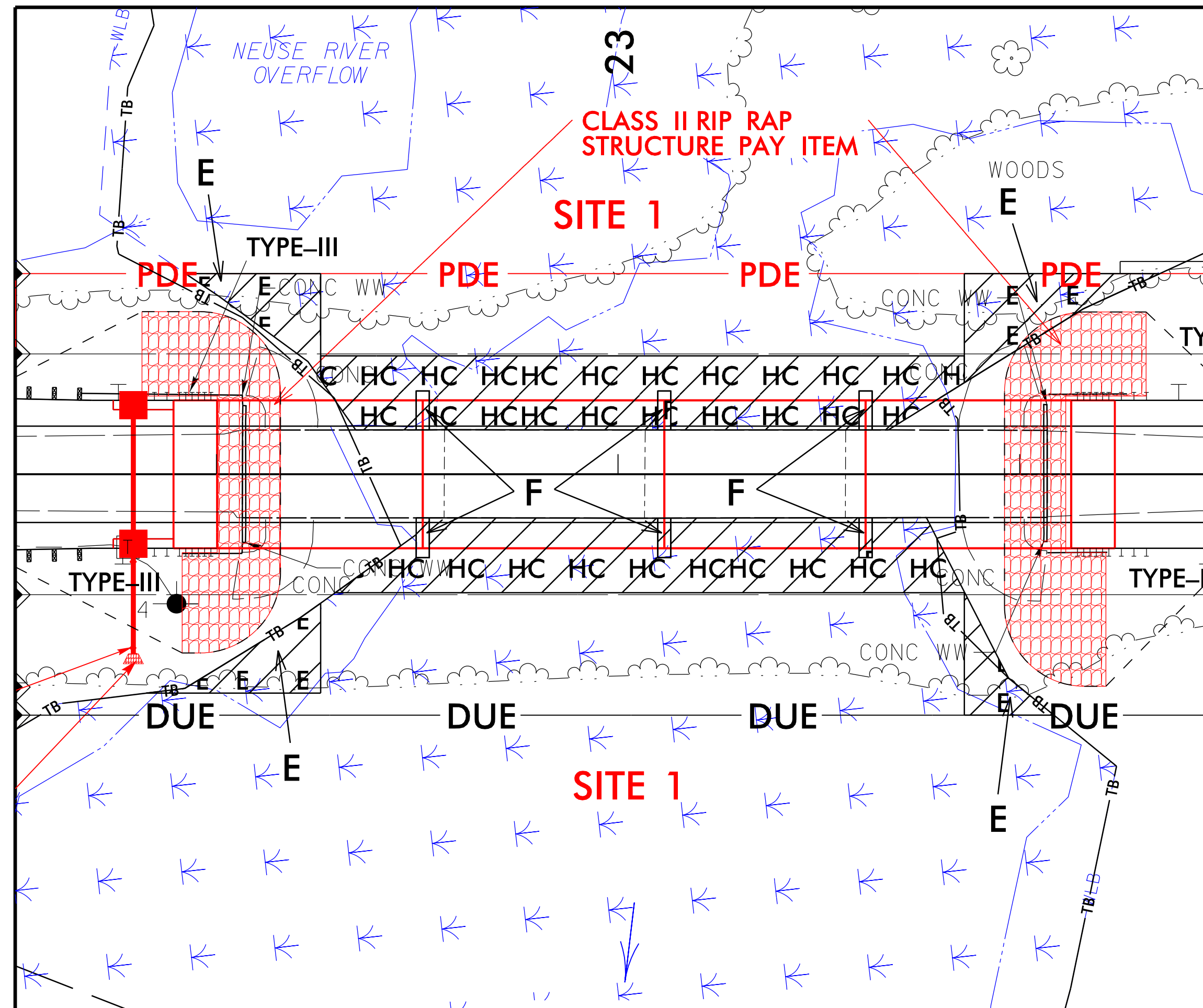


DENOTES HAND
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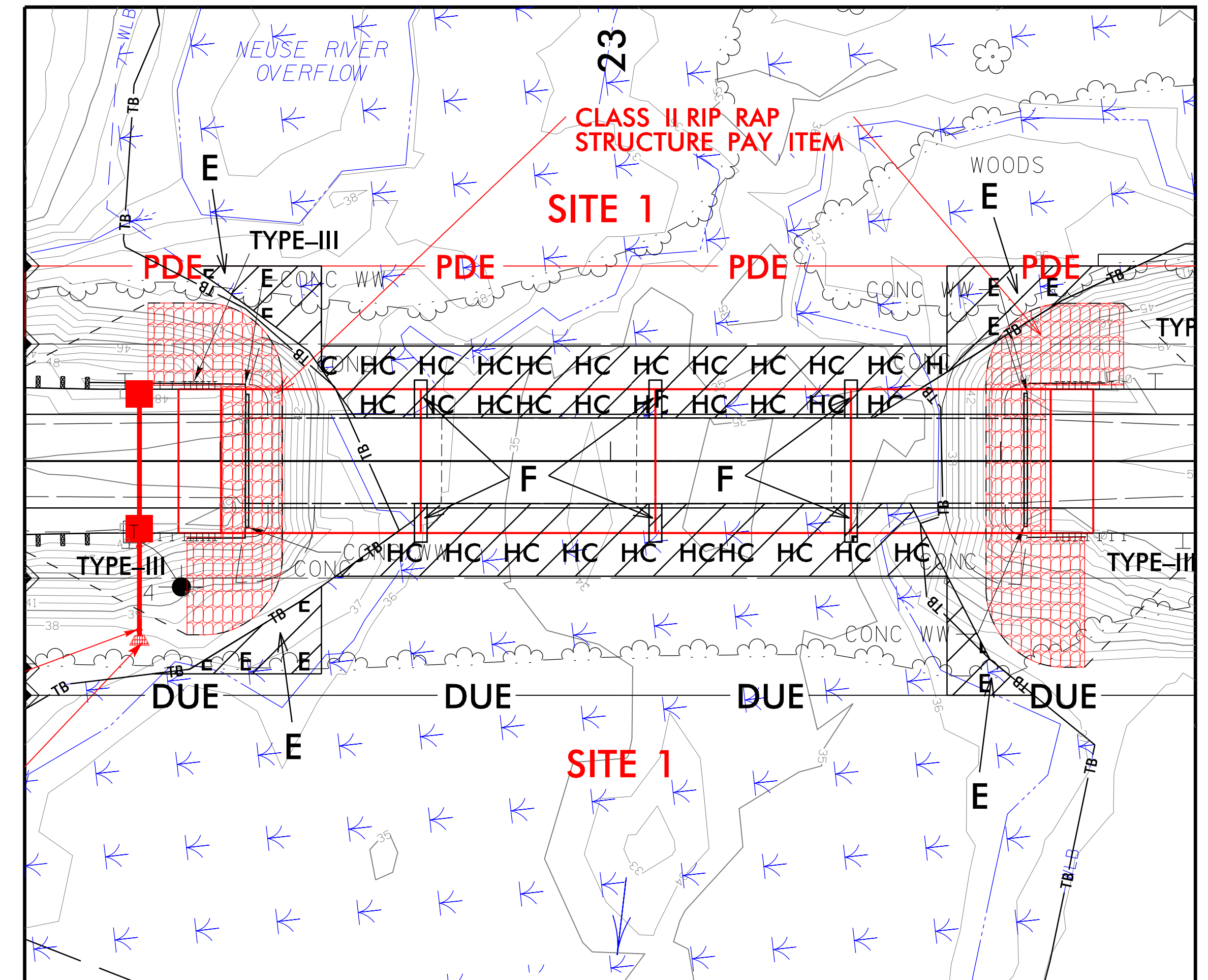


DENOTES EXCAVATION
IN WETLAND

PROJECT REFERENCE NO.		SHEET NO.	
B-5619		4 - INSET	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Mead&Hunt		111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	
PERMIT DRAWING SHEET 4 OF 12			

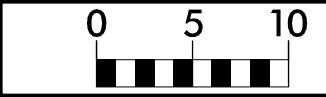


SITE 1 – WETLAND IMPACTS



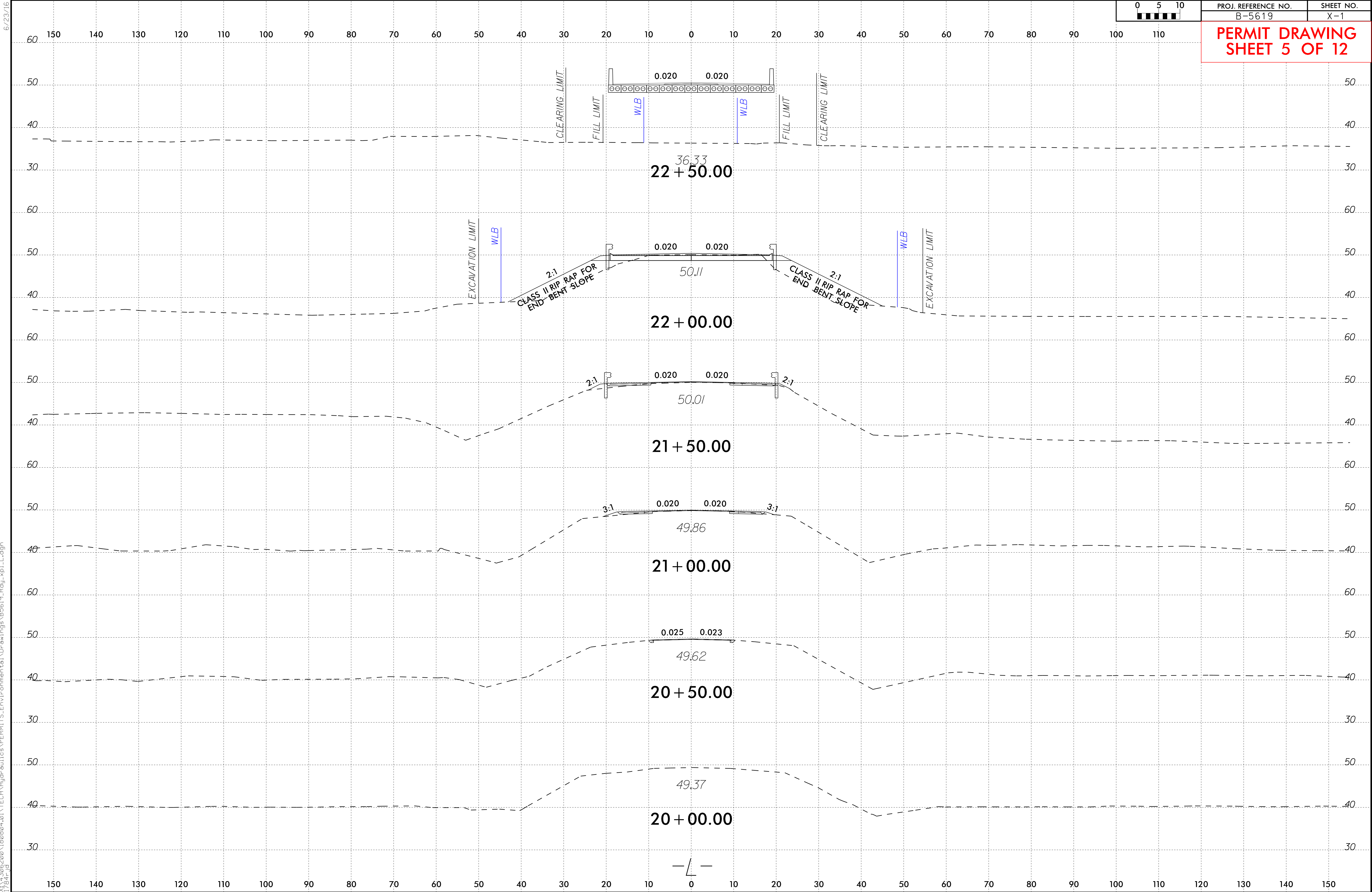
SITE 1 – WETLAND IMPACTS

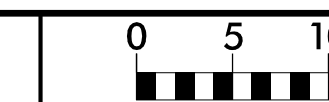
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PROJ. REFERENCE NO.	SHEET NO.
B-5619	X-1

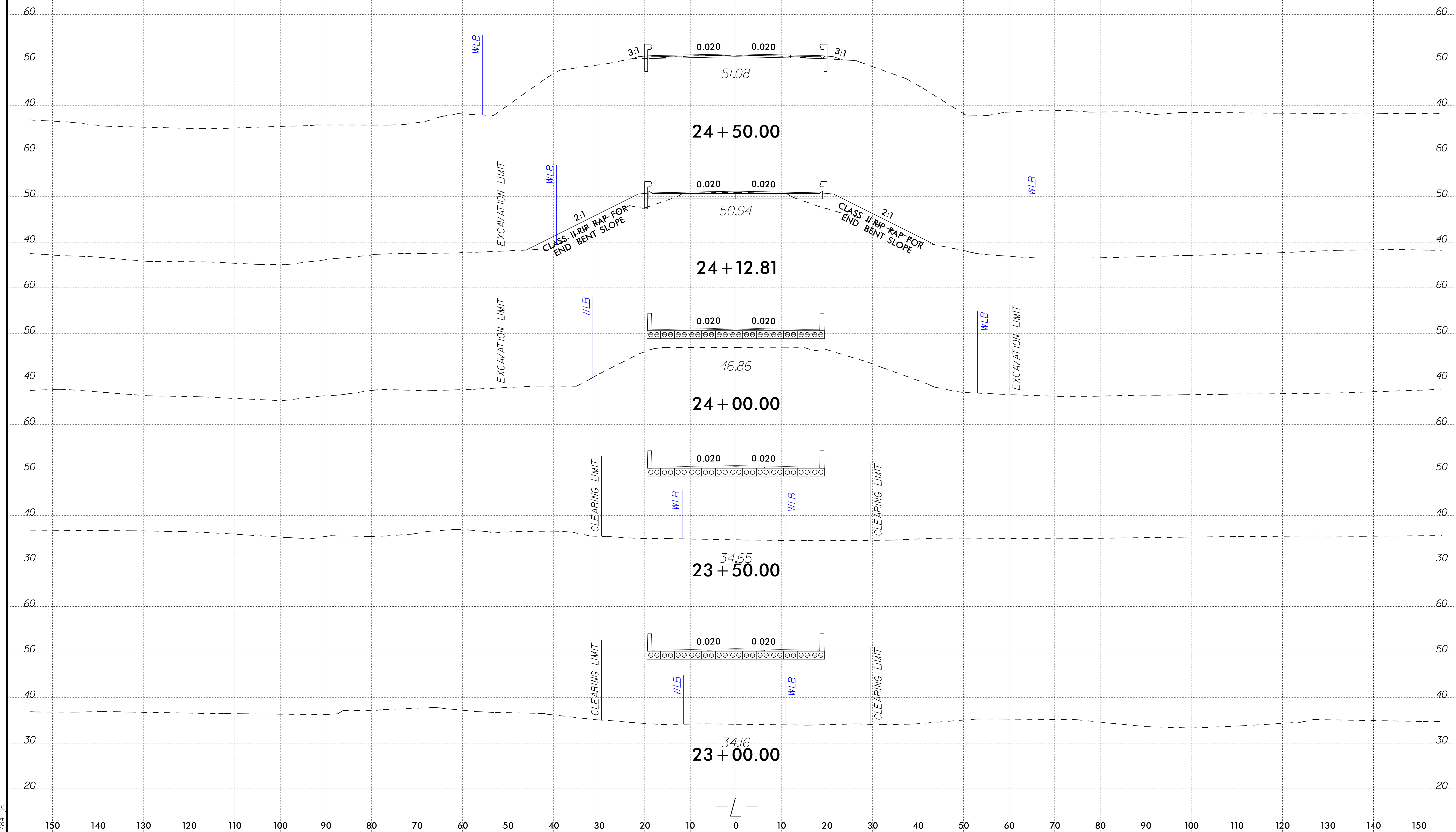
PERMIT DRAWING
SHEET 5 OF 12





PROJ. REFERENCE NO.	SHEET NO.
B-5619	X-2

PERMIT DRAWING
SHEET 6 OF 12



PROJECT REFERENCE NO.	SHEET NO.
B-5619	5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Mead & Hunt	111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-774-8670 mead@hunt.com NC License No. F-1235
PERMIT DRAWING SHEET 7 OF 12	

WETLAND AND SURFACE WATER IMPACTS PERMIT

NAD 83/NA 2011

-DRI- CURVE DATA	
PI Sta 11+94.0	PI Sta 11+45.76
$\Delta = 76^\circ 12' 18.8" (RT)$	$\Delta = 64^\circ 53' 11.7" (LT)$
$D = 229^\circ 50' 19.2"$	$D = 286^\circ 28' 44.0"$
$L = 33.25'$	$L = 22.65'$
$T = 19.60'$	$T = 12.71'$
$R = 25.00'$	$R = 20.00'$

-DR2- CURVE DATA	
PI Sta 10+47.60	PI Sta 10+84.62
$\Delta = 79^\circ 22' 55.9" \text{ (LT)}$	$\Delta = 104^\circ 40' 03.9" \text{ (RT)}$
$D = 286^\circ 28' 44.0"$	$D = 286^\circ 28' 44.0"$
$L = 27.71'$	$L = 36.54'$
$T = 16.60'$	$T = 25.91'$
$R = 20.00'$	$R = 20.00'$

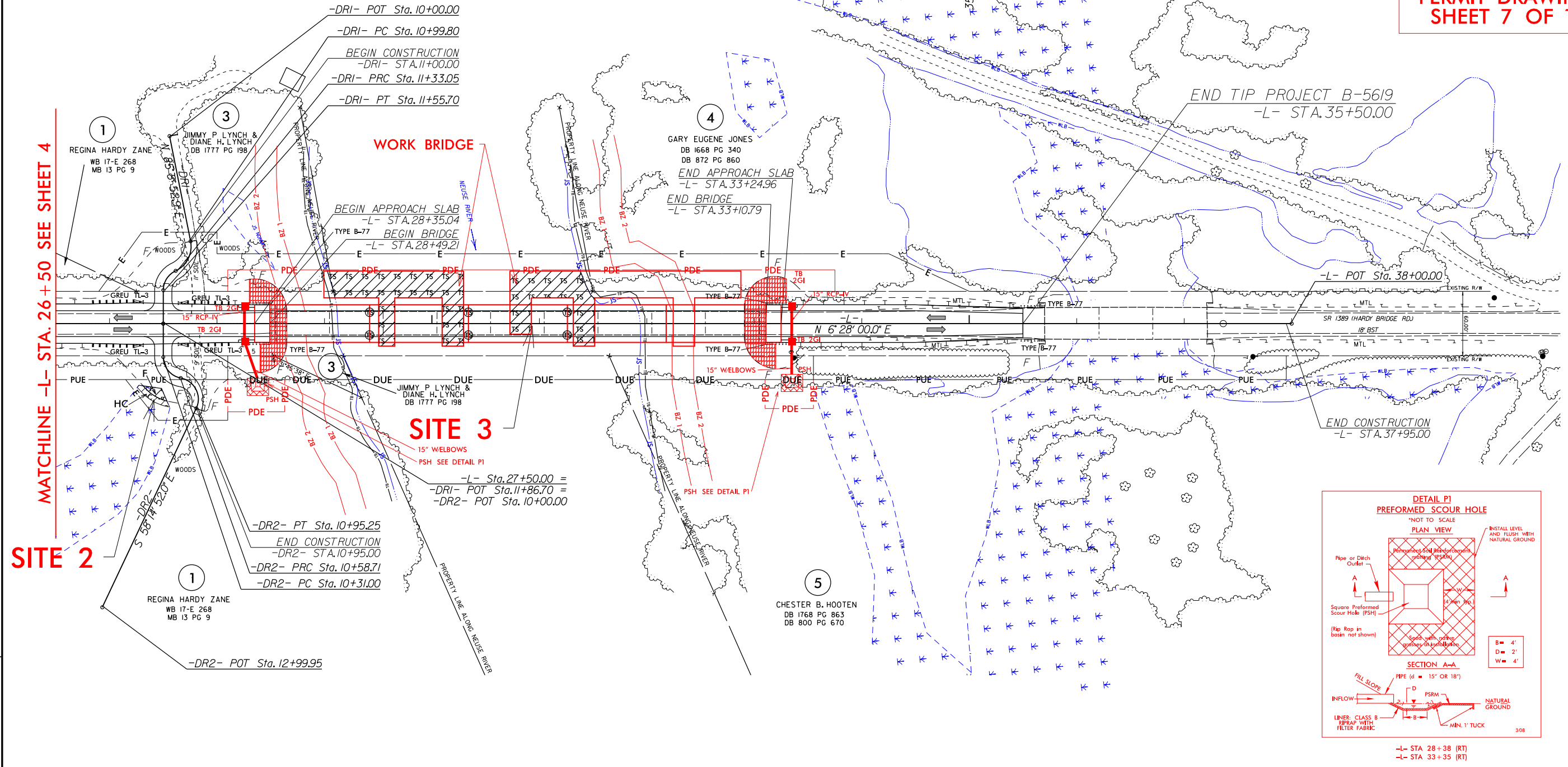
A rectangular block with diagonal hatching lines sloping from the bottom-left to the top-right. Two bold capital letters 'F' are placed within the block, one on the left and one on the right.

DENOTES FILL IN
WETLAND

DENOTES HAND
CLEARING

TS TS

DENOTES TEMPORARY
IMPACTS IN SURFACE WATER



NOTE: ALL DRIVEWAY RADII ARE 10'

BRIDGE APPROACH SLAB

FOR -L-, -DRI- & -DR2- PROFILES, SEE SHEET 6

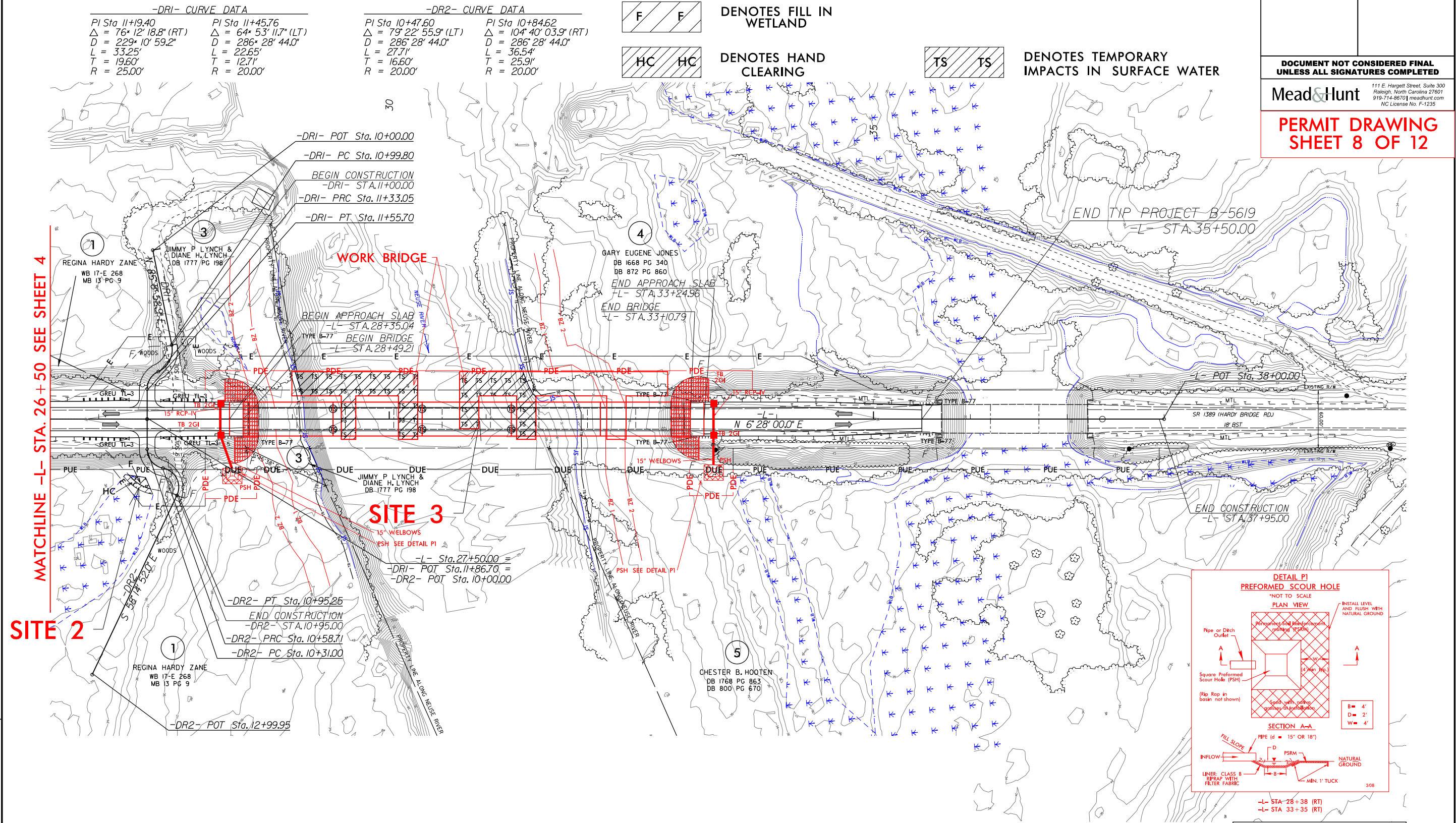
FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-?

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WETLAND AND SURFACE WATER IMPACTS PERMIT

NAD 83/NA 2011

PROJECT REFERENCE NO.	SHEET NO.
<i>B-5619</i>	<i>5</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 2em; font-weight: bold;">Mead & Hunt</div> <div style="text-align: right;"> 111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. P-1235 </div> </div>	
PERMIT DRAWING SHEET 8 OF 12	

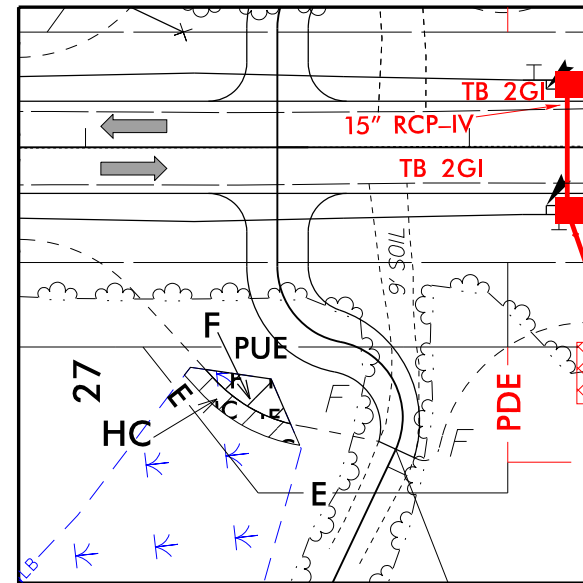


NOTE: ALL DRIVEWAY RADII ARE 10'

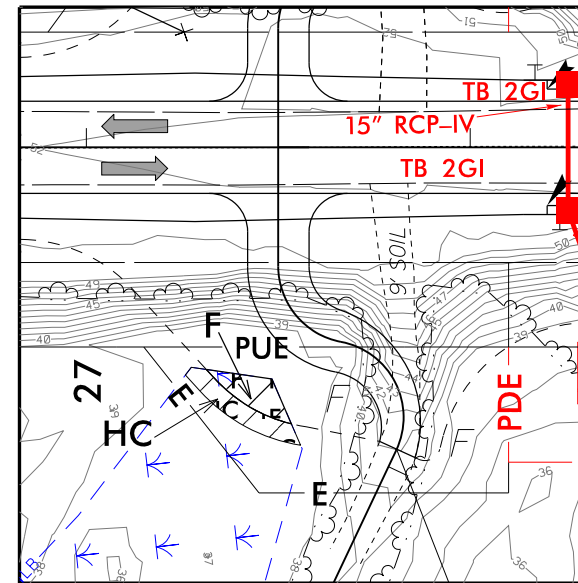
BRIDGE APPROACH SLAB

FOR -L-, -DR1- & -DR2- PROFILES, SEE SHEET 6

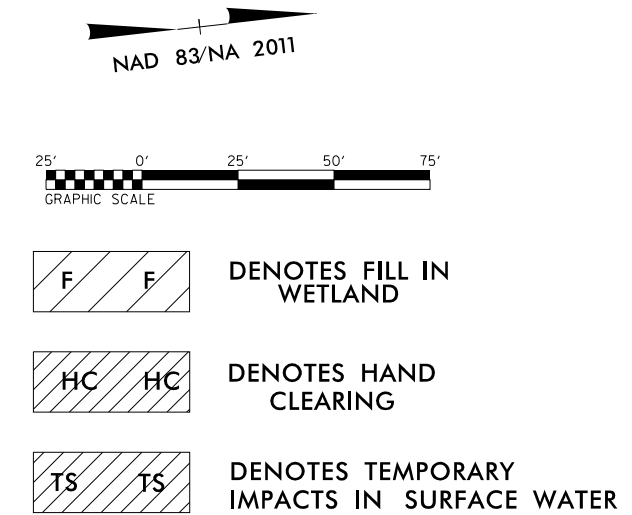
FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-?



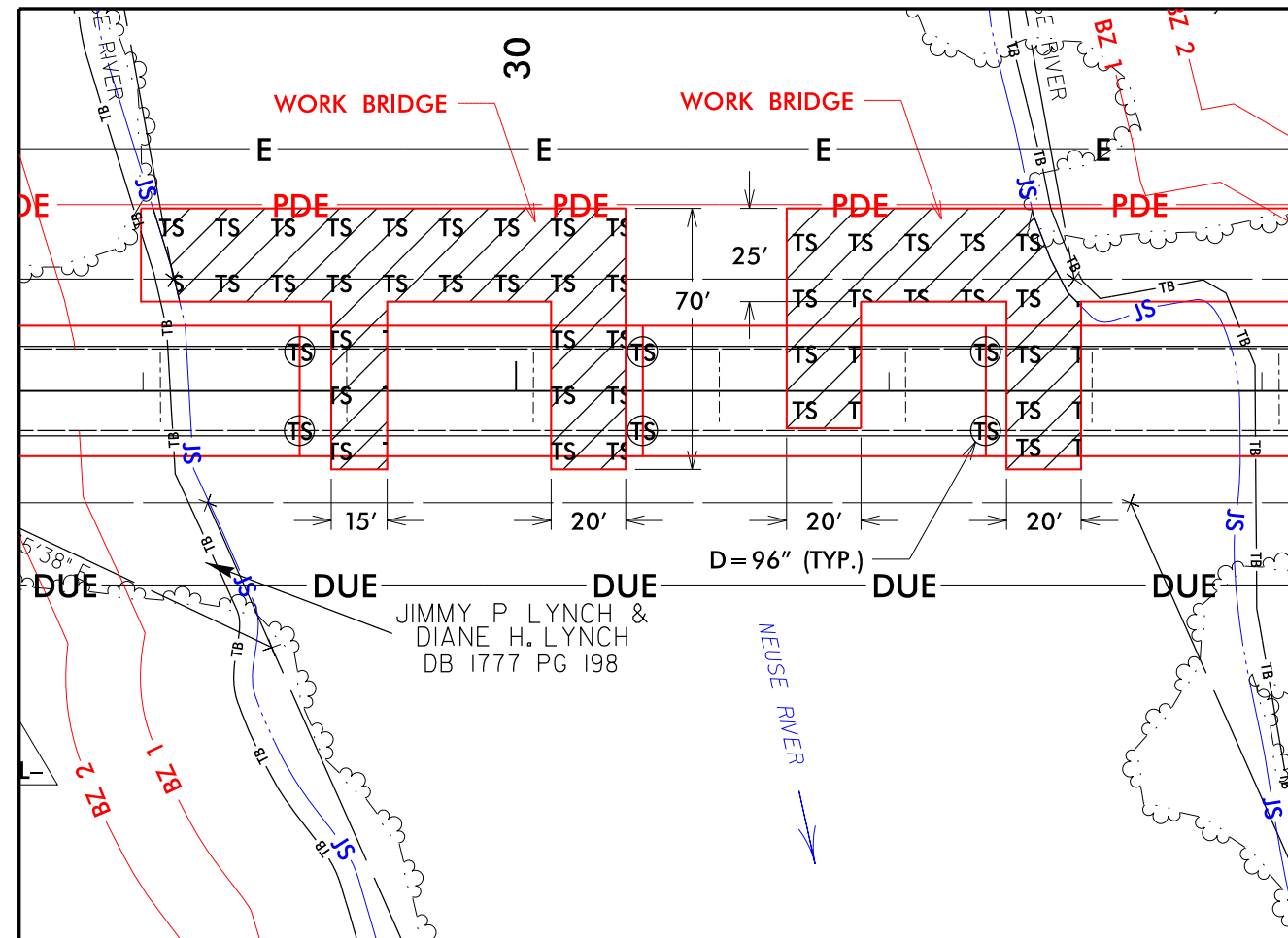
SITE 2 – WETLAND IMPACTS



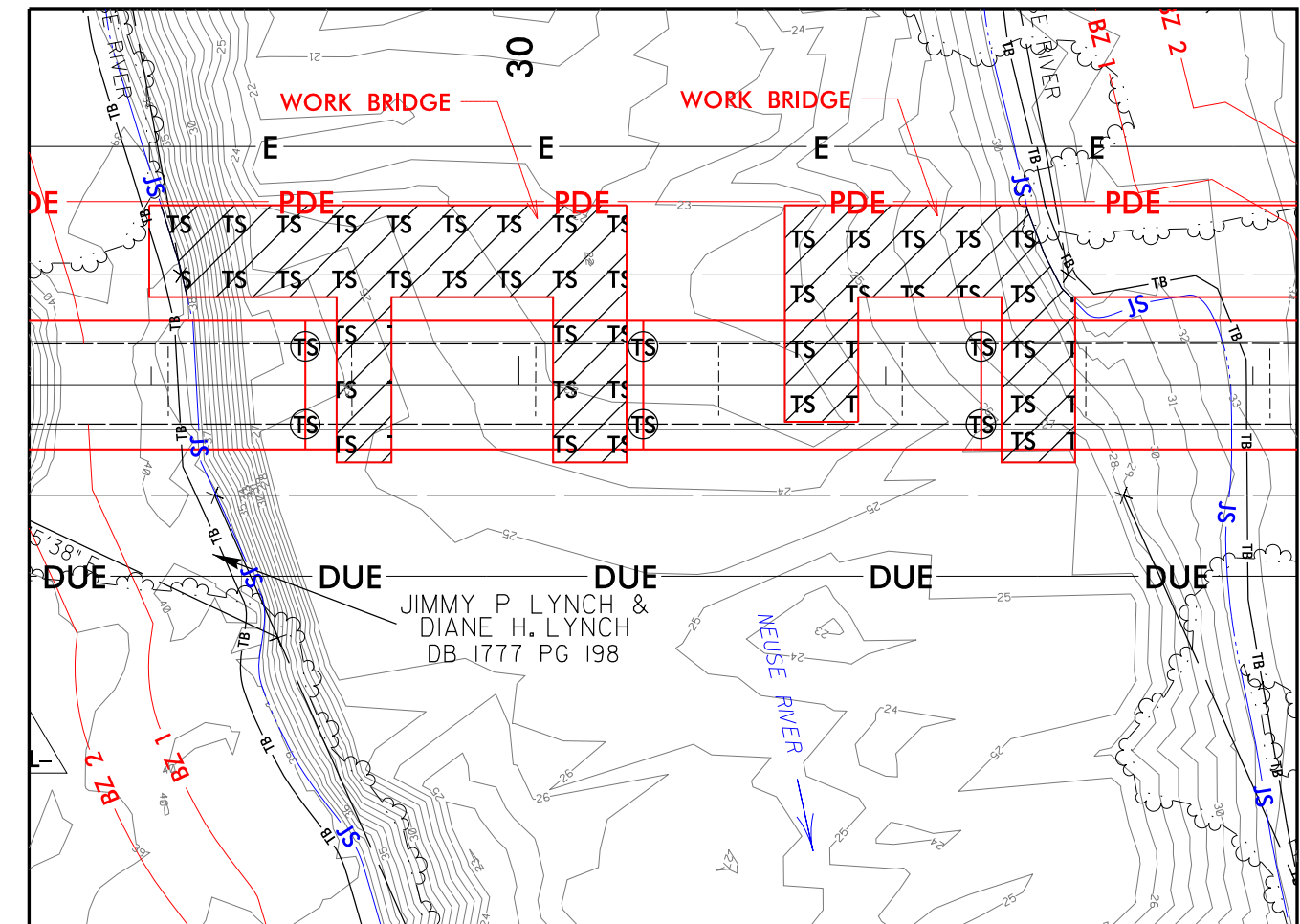
SITE 2 – WETLAND IMPACTS



PROJECT REFERENCE NO.	SHEET NO.
B-5619	5 - INSET
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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PERMIT DRAWING SHEET 9 OF 12	



SITE 3 – SURFACE WATER IMPACTS



SITE 3 – SURFACE WATER IMPACTS

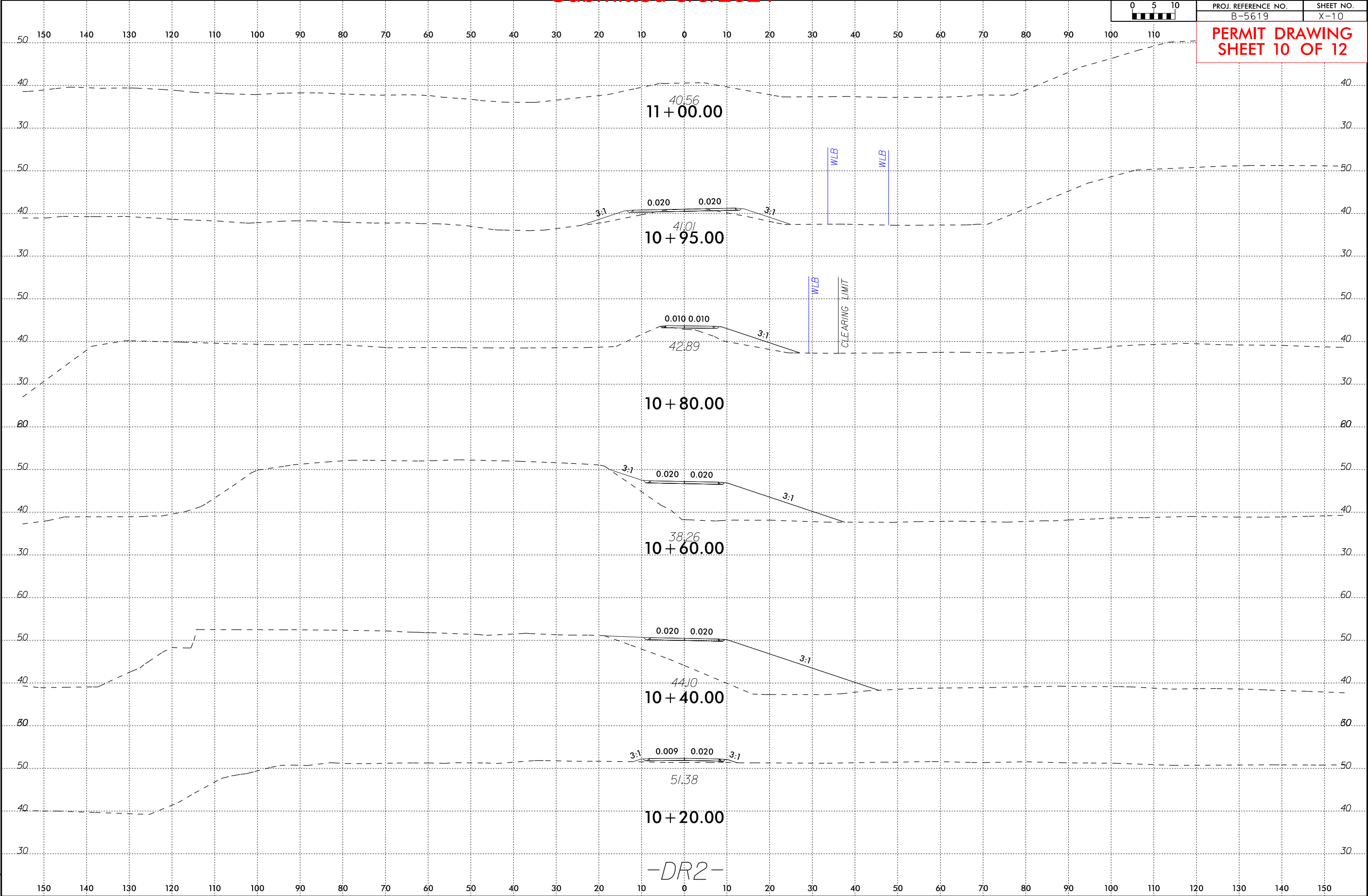
6/23/16

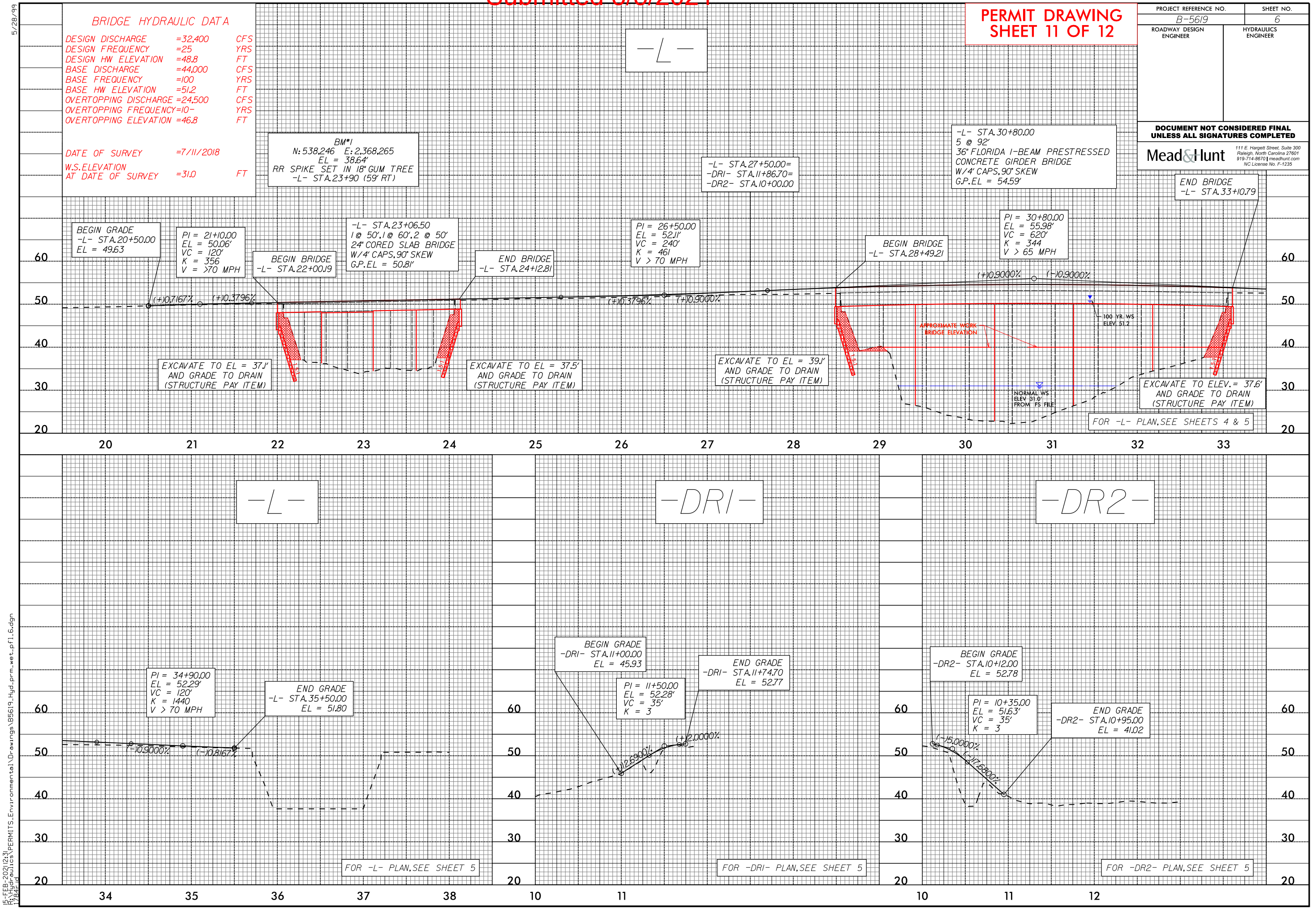
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17847-10



PROJ. REFERENCE NO.	SHEET NO.
B-5619	X-10

PERMIT DRAWING
SHEET 10 OF 12





WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- 21+92 to 24+35 LT	Proposed Bridge Bents	< 0.01		0.02		0.06					
1	-L- 21+83 to 24+09 RT	Proposed Bridge Bents	< 0.01		0.02		0.06					
2	-DR2- 10+42 to 11+05 LT	Fill	< 0.01				< 0.01					
3	-L- 29+12 to 31+94 RT	Temporary Work Bridge							0.18		70	
TOTALS*:			< 0.01		0.04		0.12		0.18	0	70	0

*Rounded totals are sum of actual impacts

NOTES:

96" Drilled Shaft Casings will be used to construct interior bents in Neuse River, with a temporary surface water impact of <0.01 ac.

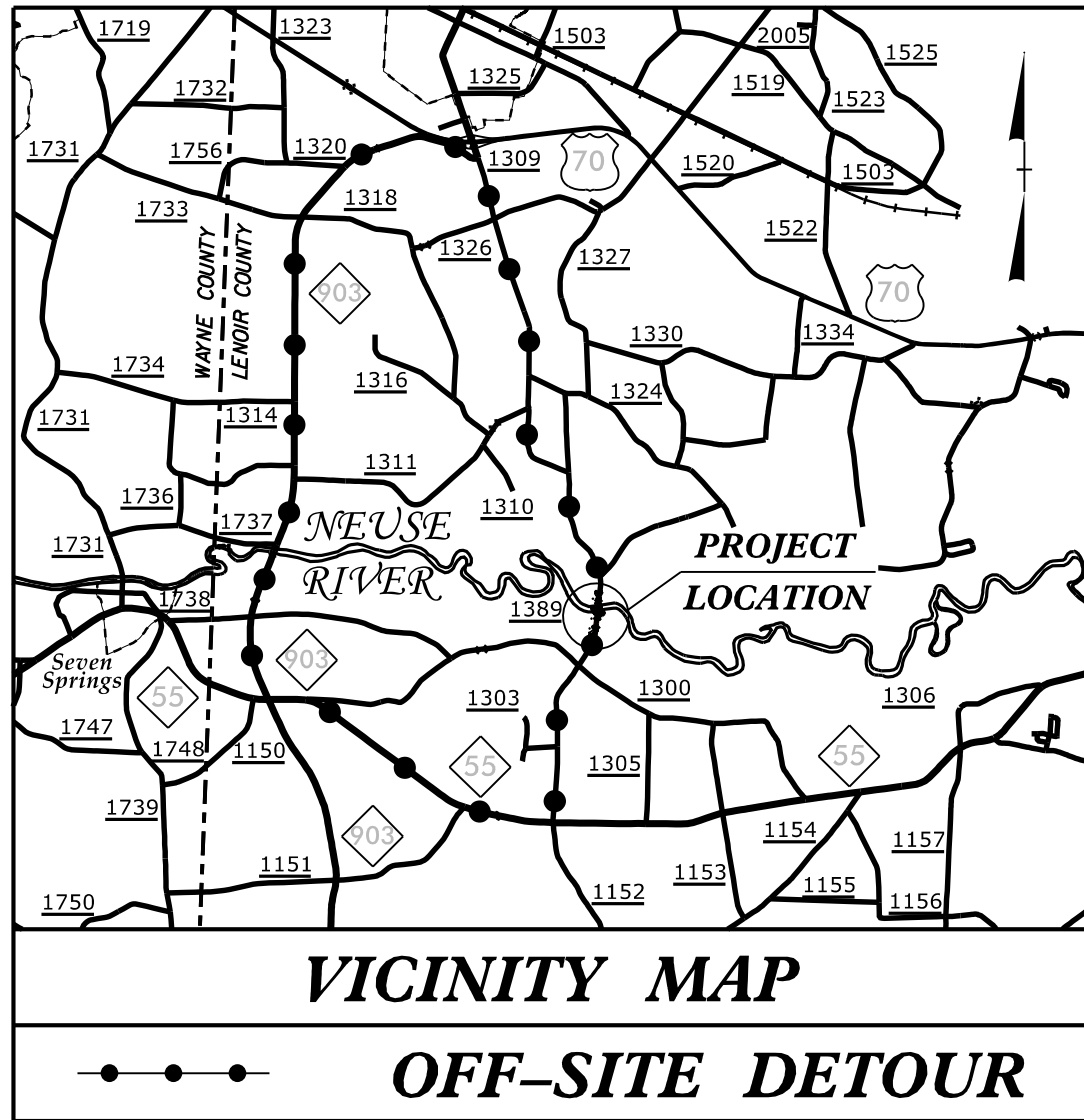
NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
2/15/2021
LENOIR COUNTY
B-5619
45574.1.1

09.08/299

TIP PROJECT: B-5619

CONTRACT: C204475

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LENOIR COUNTY

**LOCATION: BRIDGE NO. 52 OVER NEUSE RIVER AND
BRIDGE NO. 152 OVER NEUSE RIVER OVERFLOW ON
SR 1389 (HARDY BRIDGE ROAD)**

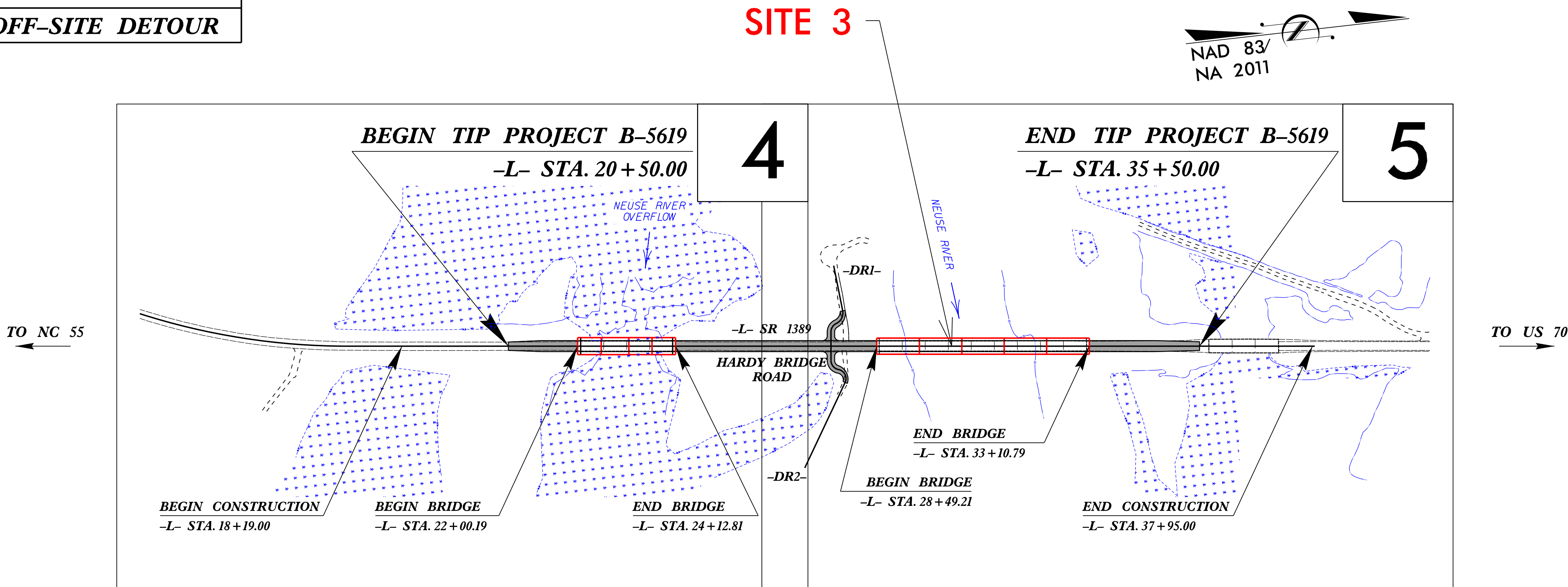
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

BUFFER IMPACTS PERMIT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5619	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45574.1.1	N/A	PE	
45574.2.1	BRZ-1389(003)	R/W & UTILITY	

ROW PLANS

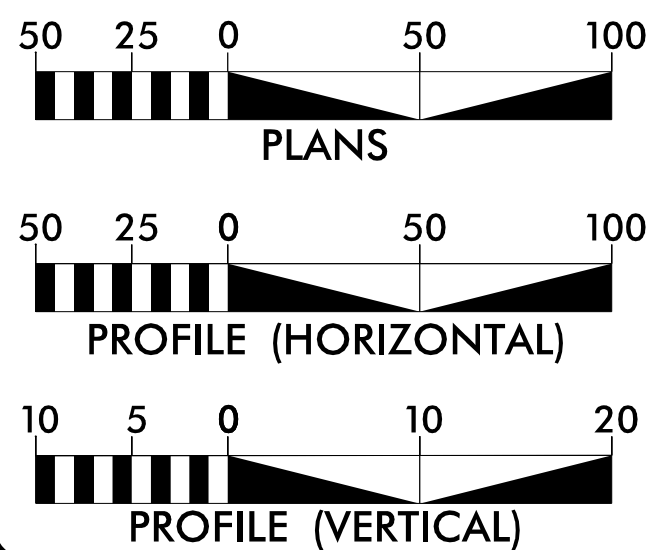
**BUFFER DRAWING
SHEET 1 OF 4**



THERE IS NO CONTROL OF ACCESS ON THIS PROJECT.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

GRAPHIC SCALES



DESIGN DATA

ADT 2020 = 1850
ADT 2040 = 3000
K = 10 %
D = 70 %
T = 6 % *
V = 60 MPH
* TTST = 2% DUAL = 4%
FUNC CLASS =
MINOR COLLECTOR
SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5619 = 0.156 MILES
LENGTH STRUCTURE TIP PROJECT B-5619 = 0.128 MILES
TOTAL LENGTH TIP PROJECT B-5619 = 0.284 MILES

Prepared for NCDOT in the Office of:

Mead&Hunt

111 E. Hargett Street, Suite 300
Raleigh, North Carolina 27601
919-714-8670 | meadhunt.com
NC License No. F-1235

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
SEPTEMBER 15, 2020

LETTING DATE:
MAY 18, 2021

RICK DECOLA, PE
PROJECT ENGINEER

SURAJ SANGHANI, EI
PROJECT DESIGN ENGINEER

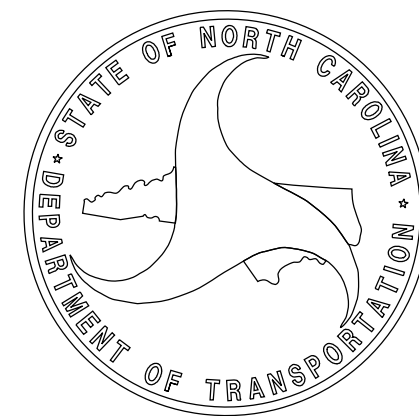
DAVID STUTTS, PE
NCDOT CONTACT


**HYDRAULICS
ENGINEER**

SIGNATURE: P.E.

**ROADWAY DESIGN
ENGINEER**

SIGNATURE: P.E.



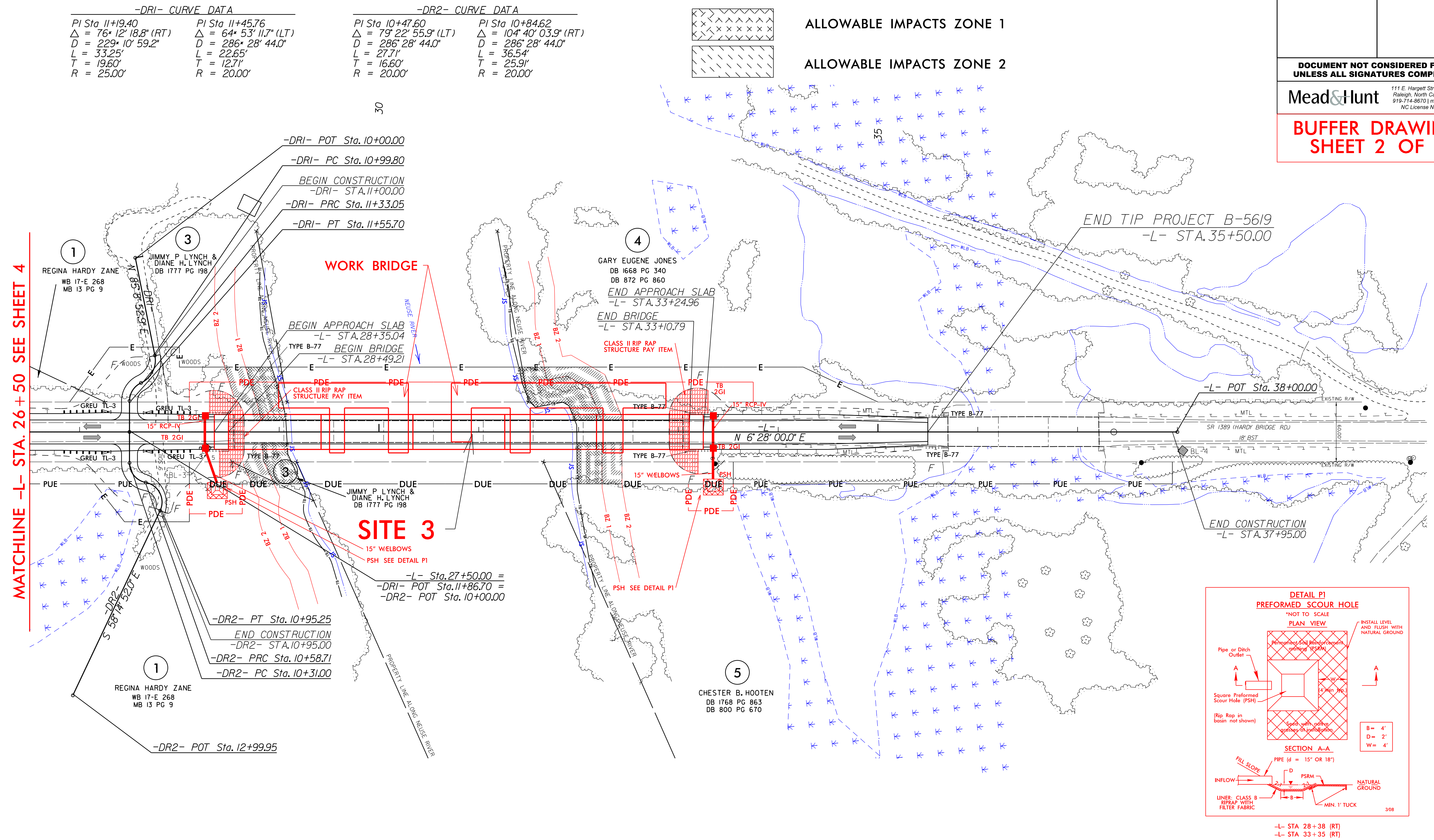
PROJECT REFERENCE NO.	SHEET NO.
B-5619	5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 <p>111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235</p>	
BUFFER DRAWING SHEET 2 OF 4	

BUFFER IMPACTS PERMIT

NAD 83/NA 2011

ALLOWABLE IMPACTS ZONE 1

ALLOWABLE IMPACTS ZONE 2



NOTE: ALL DRIVEWAY RADII ARE 10'

 BRIDGE APPROACH SLAB

FOR -L-, -DRI- & -DR2- PROFILES, SEE SHEET 6

FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-?

BUFFER IMPACTS SUMMARY

			IMPACT									BUFFER REPLACEMENT	
SITE NO.	STRUCTURE SIZE / TYPE	STATION (FROM/TO)	TYPE			ALLOWABLE			MITIGABLE			ZONE 1 (ft ²)	ZONE 2 (ft ²)
			ROAD CROSSING	BRIDGE	PARALLEL IMPACT	ZONE 1 (ft ²)	ZONE 2 (ft ²)	TOTAL (ft ²)	ZONE 1 (ft ²)	ZONE 2 (ft ²)	TOTAL (ft ²)		
3	5 @ 92' - 36" PCG	-L- 28+45 to 32+43 LT		X		3765	2419	6184					
3	5 @ 92' - 36" PCG	-L- 28+64 to 32+43 RT		X		2138	1532	3670					
TOTAL:						5903	3951	9854					

Note:

N.C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS

LENOIR COUNTY
B-5619
45574.1.1

SHEET 4 OF 4 2/15/2021



Utility Permit Narrative

Subject: Project 45574.1.1 (B-5619) Lenoir County
F.A. Project BRZ-1389(003)
Bridge No. 52 over Neuse River and Bridge No. 152 over
Neuse River Overflow on SR 1389 (Hardy Bridge Road)

Date: February 18, 2021

Utility relocations associated with this bridge replacement project are located over the Neuse River, as well as the northern and southern overflows to the Neuse River. Aerial power and communications lines are proposed to be relocated from the existing roadway shoulder and will be located over buffer zones and delineated wetlands. No additional buffer zone impacts will result from utility relocations.

Tri-County EMC (Power)

Existing overhead power lines will conflict with construction of the proposed bridges. New poles will be set an additional five feet outside of the existing NCDOT right-of-way to move the overhead power lines out of conflict. There will be no new poles placed in buffer zones or wetlands. Clearing and trimming as well as pole and aerial line relocation will take place from the roadway shoulder, to the extent possible. Clearing and/or construction operations in the wetlands are not anticipated based on field visits and previous coordination. Actual construction activities may necessitate additional work beyond the existing roadway shoulder, but it is not possible to determine the extent of this scenario prior to construction beginning. Existing poles within this relocation area will be removed and disposed of and all voids left after pole removal will be filled.

There are the 3 areas of impact from the proposed construction:

- 1) An existing pole and anchor will be replaced in the same location with a taller pole at -L- Sta. 18+21 (58' RT). Approximately <0.01 acres of hand clearing in delineated wetlands will be done for placement of the anchor. Placement of this pole and anchor will occur within a Conservation Easement Boundary, which has been coordinated with IRT.
- 2) Relocated overhead power lines will be installed from -L- Sta. 22+26 to Sta. 23+86 (37' RT). Hand clearing may be done in this delineated wetland adjacent to Bridge No. 152 (southern overflow structure) to create the needed clear zone for the new overhead power lines. The area of hand clearing impact in the wetland will be approximately 0.08 acres. Hand clearing impacts due to construction of the bridge will overlap those due to utility relocations, and are accounted for in the Hydraulics permit drawings.
- 3) Relocated overhead power lines will be installed from -L- Sta. 35+75 to Sta. 37+74 (36' RT). Hand clearing may be done in this delineated wetland adjacent to Bridge No. 153 (northern overflow structure) to create the needed clear zone for the new overhead power lines. The area of hand clearing impact in the wetland will be approximately 0.10 acres. No proposed construction will take place at this wetland crossing, but the power line relocation is necessary due to placement locations of new poles.

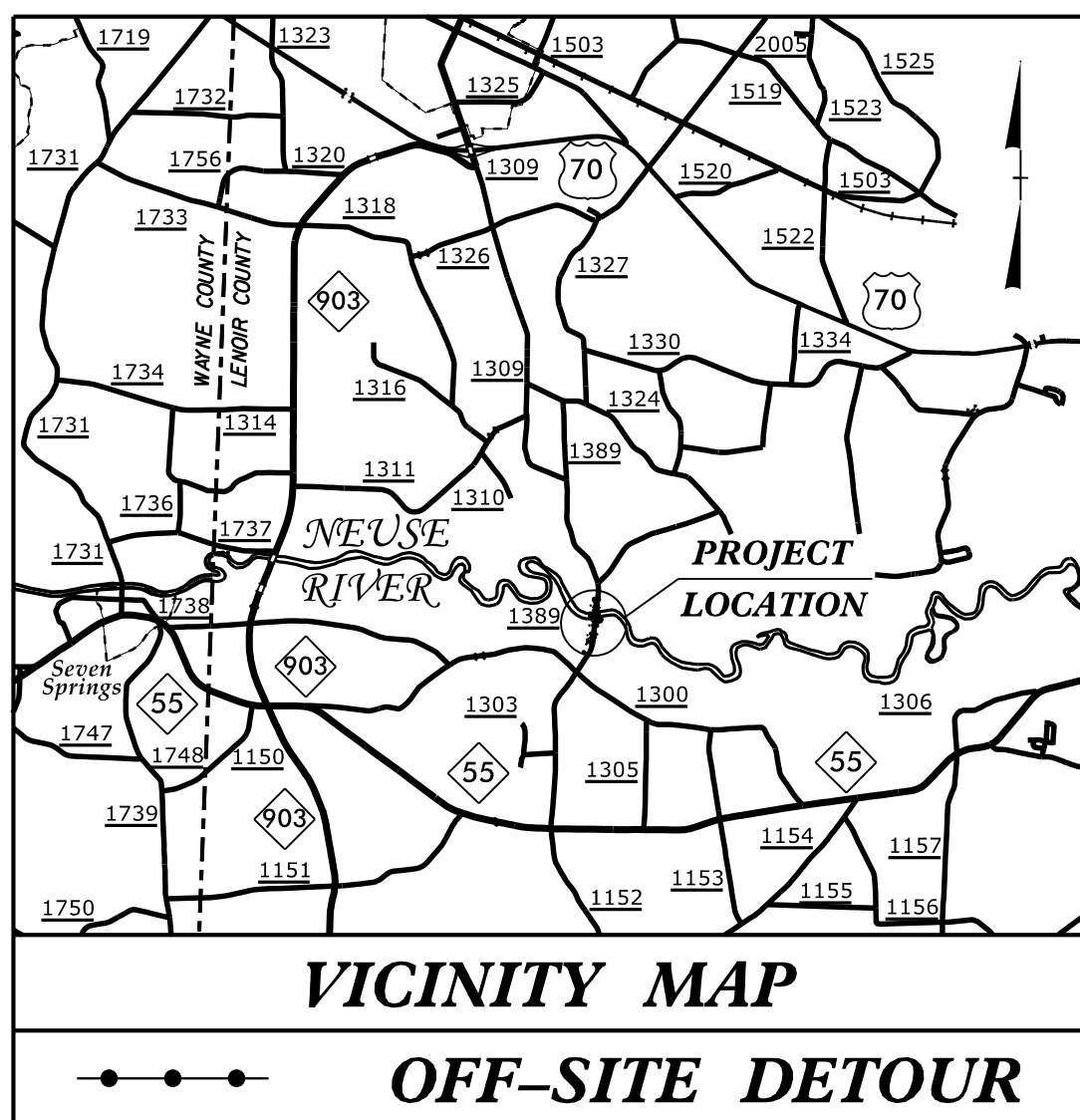
Century Link (Communications)

Century Link will attach their new overhead communication lines to Tri-County EMC's poles. There will be no additional wetland or buffer impacts from Century Link's overhead relocation work. Century Link will relocate a small portion of underground communication lines and place a new hand hole on the proposed roadway shoulder behind the proposed guardrail, which will not impact any wetlands or buffer zones.

Respectfully submitted,
MEAD & HUNT, Inc.

09.08/99

TIP PROJECT: B-5619

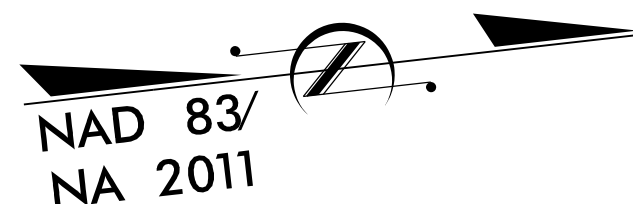


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

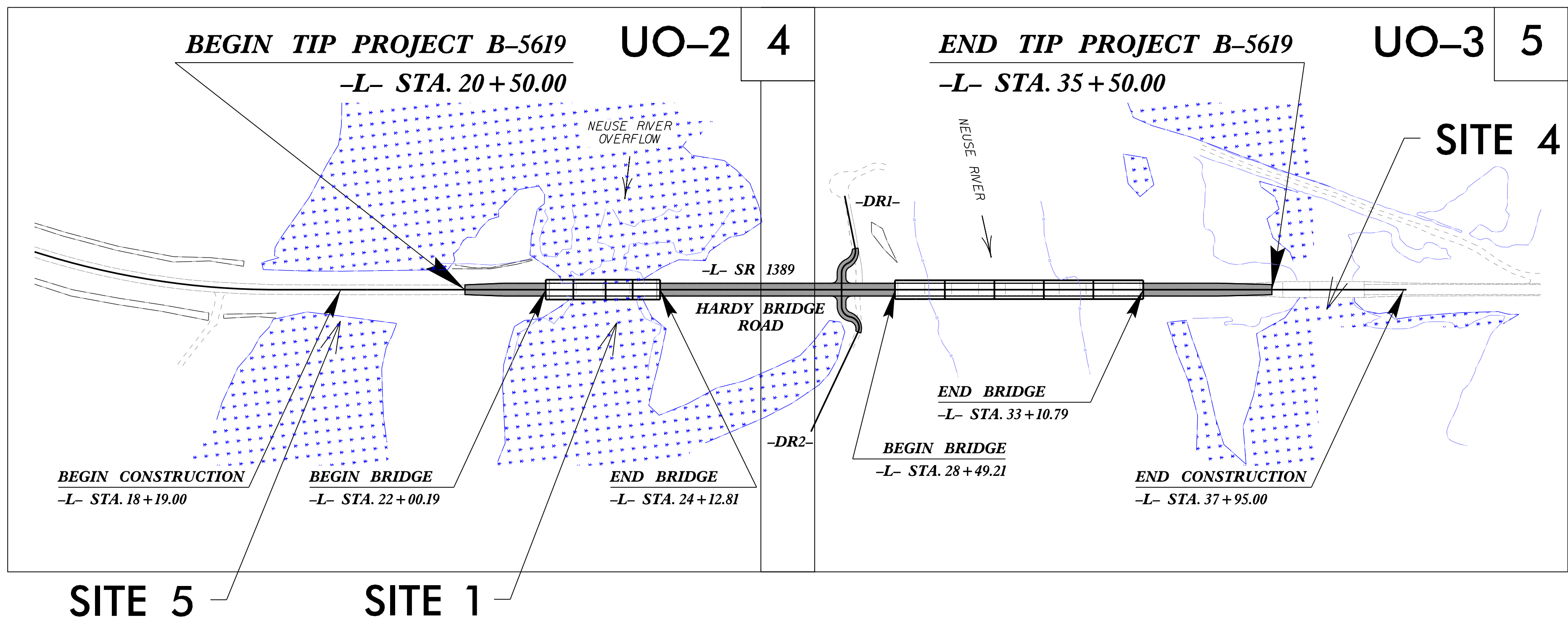
UTILITIES BY OTHERS PLANS LENOIR COUNTY

**LOCATION: BRIDGE NO. 52 OVER NEUSE RIVER AND
BRIDGE NO. 152 OVER NEUSE OVERFLOW
ON SR 1389 (HARDY BRIDGE ROAD)**
**TYPE OF WORK: RELOCATION OF POWER AND
COMMUNICATION**

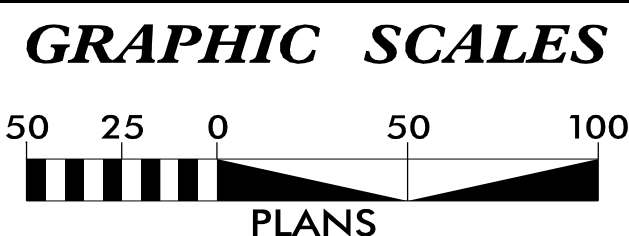
UTILITIES WETLAND AND SURFACE WATER IMPACTS PERMIT



NOTE:
ALL UTILITY WORK SHOWN ON THIS
SHEET WILL BE DONE BY OTHERS.
NO PAYMENT WILL BE MADE TO
THE CONTRACTOR FOR UTILITY WORK
SHOWN ON THIS SHEET.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2 THRU UO-3	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

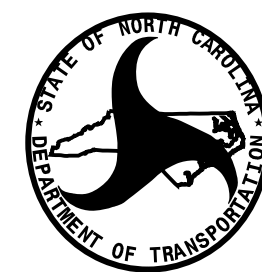
- (A) POWER - TRI-COUNTY EMC
- (B) FIBER OPTIC - CENTURY LINK

PREPARED FOR NCDOT IN THE OFFICE OF:

Mead&Hunt

111 E. Hargett Street, Suite 300
Raleigh, North Carolina 27601
919-714-8670 | meadhunt.com
NC License No. F-1235

<u>Rick DeCola, PE</u>	PROJECT MANAGER
<u>Kevin Barnes, PE</u>	UTILITY MANAGER
<u>Jennifer Smith, PE</u>	UTILITY COORDINATOR



**DIVISION OF HIGHWAYS
UTILITIES UNIT**
1555 MAIL SERVICES CENTER
RALEIGH, NC 27699-1555
PHONE (919) 707-6690
FAX (919) 250-4151

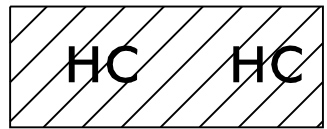
<u>Nabil Hamdan</u>	REGIONAL UTILITIES ENGINEER
<u>Kelvin Martin, EI</u>	SENIOR UTILITIES ENGINEER
<u>Kyle Pleasant</u>	REGIONAL UTILITY COORDINATOR
<u>Larry James</u>	SENIOR UTILITY COORDINATOR

UTILITIES BY OTHERS

MATCHLINE -L- STA. 26+50.00 SEE SHEET UO-3

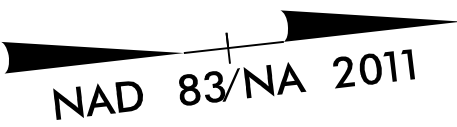


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111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	



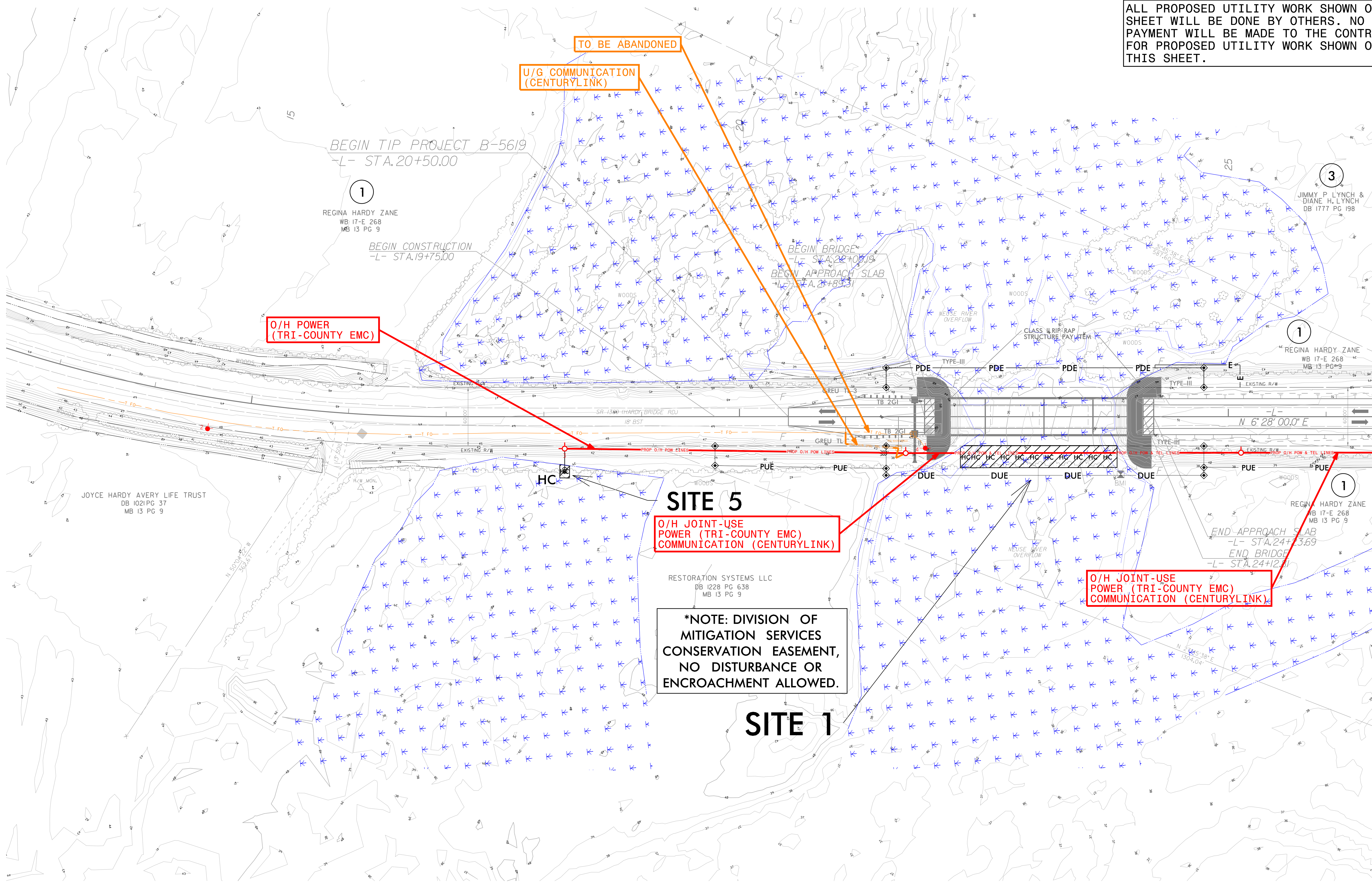
DENOTES HAND
CLEARING

UTILITIES WETLAND AND SURFACE WATER IMPACTS PERMIT



UTILITIES BY OTHERS

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

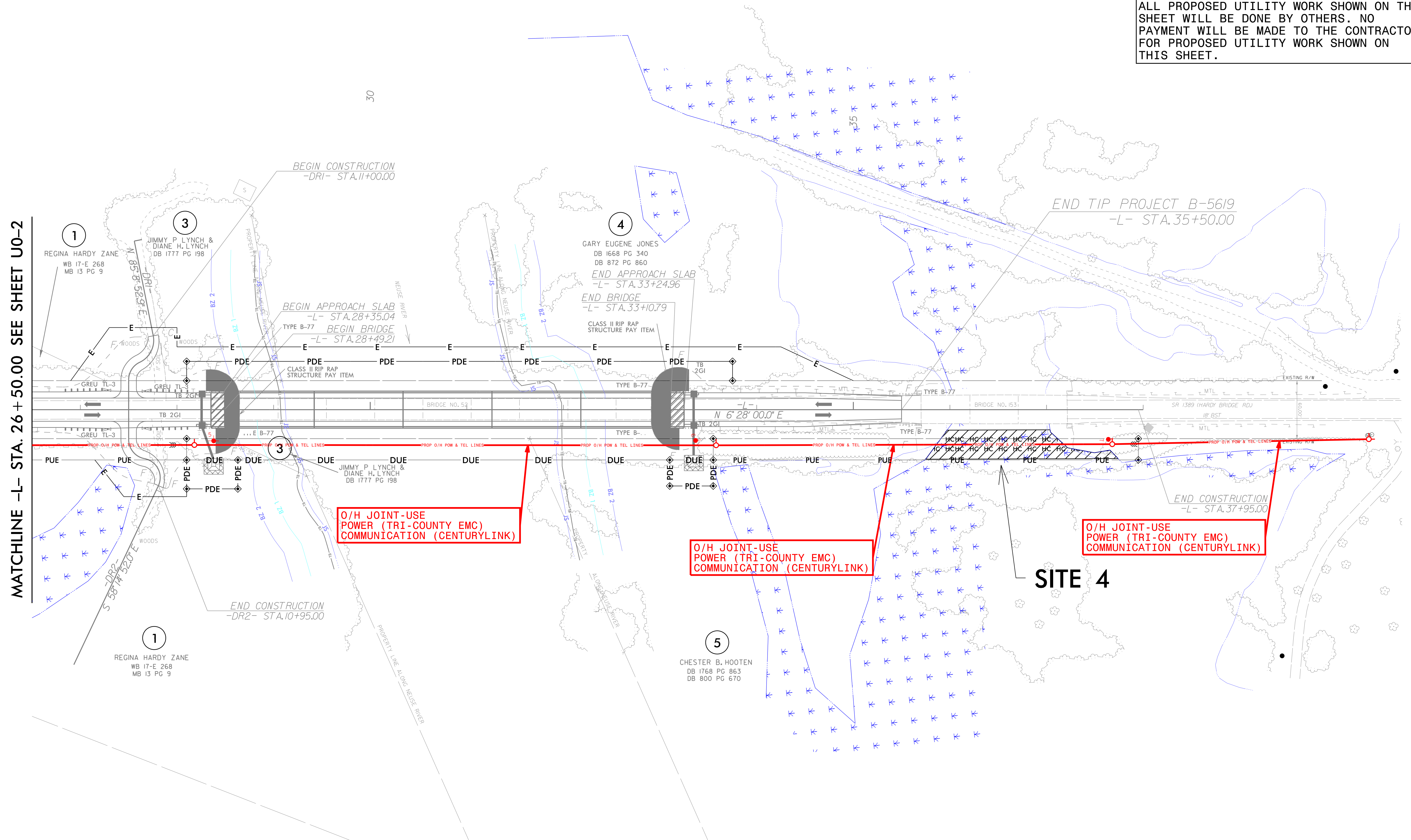


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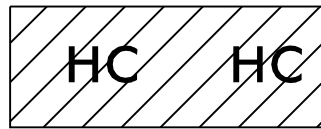
UTILITIES BY OTHERS

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NAD 83/NA 2011

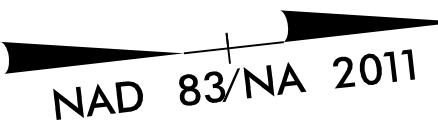


PROJECT REFERENCE NO.	SHEET NO.
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THIS SHEET CORRESPONDS TO RDY-5	
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111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	



DENOTES HAND
CLEARING

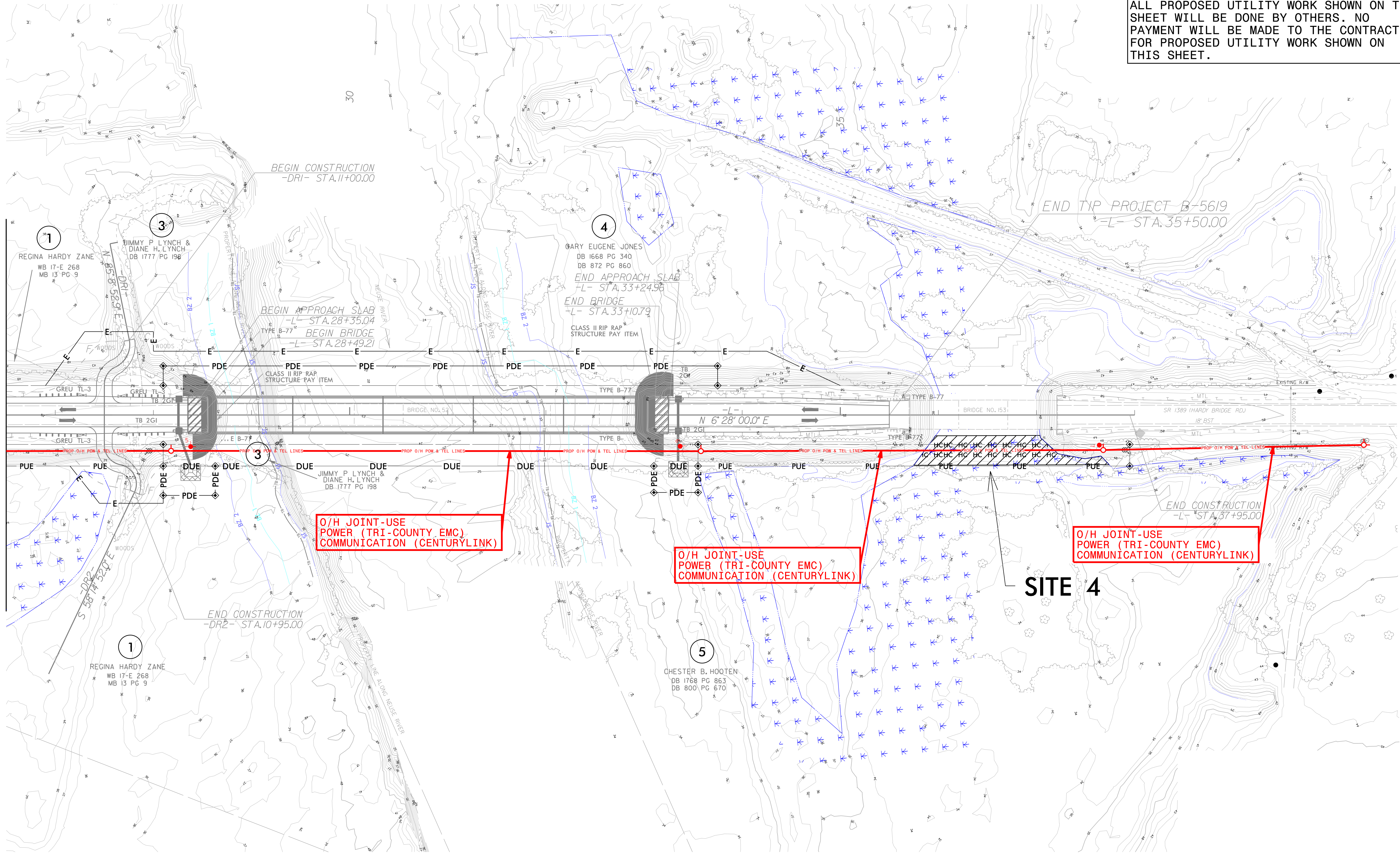
UTILITIES WETLAND AND SURFACE WATER IMPACTS PERMIT



UTILITIES BY OTHERS

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

MATCHLINE -L- STA. 26 + 50.00 SEE SHEET U0-2



O/H JOINT-USE
POWER (TRI-COUNTY EMC)
COMMUNICATION (CENTURYLINK)

O/H JOINT-USE
POWER (TRI-COUNTY EMC)
COMMUNICATION (CENTURYLINK)

O/H JOINT-USE
POWER (TRI-COUNTY EMC)
COMMUNICATION (CENTURYLINK)

SITE 4

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- Sta. 22+26 - 23+86 RT	Overhead Utilities					0.08					
4	-L- Sta. 35+75 - 37+74 RT	Overhead Utilities					0.10					
5	-L- Sta. 18+16 - 18+26 RT	Overhead Utilities					< 0.01					
TOTALS*:							0.18			0	0	0

*Rounded totals are sum of actual impacts

NOTES:

Site 1 - Additional Wetland impacts are shown on Hydraulics Permit Drawings.

Site 5 - Existing pole and anchor placement within the Conservation Easement Boundary has been coordinated with IRT.

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

2/15/2021

LENOIR

B-5619

45574.1.1