

Project Submittal Interim Form



Updated September 4, 2020

*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.*

- Project Type: ***
- For the Record Only (Courtesy Copy)
 - New Project
 - Modification/New Project with Existing ID
 - More Information Response
 - Other Agency Comments
 - Pre-Application Submittal
 - Re-Issuance\Renewal Request
 - Stream or Buffer Appeal

Pre-Filing Meeting Date Request was submitted on:

5/3/2019

Project Contact Information

Name: Gordon Cashin
Who is submitting the information?

Email Address: * gcashin@ncdot.gov

Project Information

Existing ID #: *

20190585
20170001 (no dashes)

Existing Version: *

1
1

Project Name: * Bridge 38 over Trent Creek

Is this a public transportation project? *

- Yes
- No

Is this a DOT project? *

- Yes
- No

Is the project located within a NC DCM Area of Environmental Concern (AEC)? *

- Yes
- No
- Unknown

TIP#:

B-4593

WBS#:

42328.1.2

(Applies to DOT projects only)

County (ies) *

Please upload all files that need to be submitted.

[Click the upload button or drag and drop files here to attach document](#)

B-4593 Nationwide CAMA Modification May 6 3.78MB
2022.pdf

[Only pdf or kmz files are accepted.](#)

Describe the attachments or add comments:

Revised utility permit drawings resulting from changes to utility relocation methodology though no changes to permitted impact totals.

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

- I, the project proponent, hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief.
- I, 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 agree that submission of this online 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 online form.

Signature: *



Submittal Date: 5/6/2022

[Is filled in automatically once submitted.](#)



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

May 6, 2022

Wilmington Regulatory Field Office
US Army Corps of Engineers
2407 West 5th Street
Washington, NC 27889

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

ATTN: Mr. Tom Steffens
NCDOT Coordinator

ATTN: Mr. Stephen Lane
NCDOT Coordinator

N.C. Department of Environmental Quality
Division of Water Resources
943 Washington Square Mall
Washington, NC 27889

ATTN: Mr. Garcy Ward
NCDOT Coordinator

Subject: **Modification Request for Section 10 Permit, Nationwide Permit 14, Section 401 Water Quality Certification and CAMA Major Development Permit** for the Proposed Replacement of Bridge No. 38 over Trent Creek on NC 55 in Pamlico County, North Carolina; TIP No. B-4593; WBS No. 42328.1.2

Dear Sirs,

As you are aware, the North Carolina Department of Transportation (NCDOT) proposes to replace the existing 145-foot bridge No. 38 on NC 55 over Trent Creek in Pamlico County. The purpose of the project is to replace a deficient bridge. The Corps of Engineers verified NWP 14 authorization on July 3, 2019 (SAW-2019-01204), and the N.C. Division of Water Resources (DWR) approved the project on June 24, 2019 (NCDWR Project No. 20190585). The Division of Coastal Management approved the project under Major Permit 77-19 issued September 13, 2019.

Several revisions have been made to the utility plans for the proposed project. The reason for this modification request is that Duke Energy did not believe the original design was structurally adequate and wanted to increase the resiliency of their facilities. Based on the revised utility relocation plans, the utility narrative, the utility permit drawings, and impact summary sheets have been reviewed and revised as appropriate. The new drawings are attached. A brief summary of the changes is provided below:

Utility Narrative

The Duke Energy section of the Utility narrative has been revised to describe their current plans. A new pole, pole 15, is proposed in wetlands and steel encasements are to be put around all the proposed poles. This results in a slight increase in impacts, from 15 square feet due to utility poles to 36 square feet.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
NATURAL ENVIRONMENT SECTION
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

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

Location:
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

Other proposed utility relocations remain unchanged.

Utility Permit Drawings were revised to depict the revised relocation plan and profile design files. The updated Utility Impact Summary Sheets are also provided however impact amount did not change (the additional 21 square feet of utility pole impacts amount to 0.00048 acre of impacts). Additional notes are listed on the Utility Impact Summary Sheet describing the excavation impacts in detail, and they total 0.016 acre, rounded to 0.02 in the spreadsheet which also remains unchanged.

Regulatory Approvals

Section 404/Section 10 Permit: NCDOT is requesting revision to the NWP 14 authorization previously issued.

Section 401 Permit: NCDOT is requesting revision to the NWP 14 authorization previously issued.

CAMA Major Development Permit: NCDOT requests that the revised work be authorized via modification of the previously issued Coastal Area Management Act Major Permit. Authorization to debit the \$475 Permit Application Fee from WBS Element 42328.1.2 is hereby given if an actual modification is required for this revision.

A copy of this modification request will be posted on the NCDOT Website at <https://xfer.services.ncdot.gov/pdea/PermApps/>. Should you have any questions regarding this information, please contact Gordon Cashin at (919) 707-6107 or gcashin@ncdot.gov.

Sincerely,

DocuSigned by:

Mack C. Rivenbark III

AAAD1248B309416...

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

B-4593 Utility Narrative
Pamlico County, North Carolina
Updated April 20, 2022

Duke Energy

Contact Information: Alex Craig (919) 399-3081 ext. 7304
alex.craig@duke-energy.com

Duke Energy will be placing (6) new poles in the new PUE acquired north of NC Hwy 55, removing (5) existing poles north of NC Hwy 55, placing (1) new pole south of NC Hwy 55, and installing (11) and replacing (1) guys and anchors.

Wetland areas will be impacted by the installation of (6) new poles and (11) guys and anchors in the wetland areas and the clearing required. The clearing for the proposed power lines will be 30 feet wide (15 feet on each side of the lines), and the hand clearing impacts total 0.65 acres. There are also 36 square feet of utility pole impacts attributed to Duke Energy. Additionally, Duke Energy guy wires/anchors account for 33 square feet of impacts.

CenturyLink

Contact Information: Rod Medlin (252) 413-7711
rod.m.medlin@lumen.com

CenturyLink will be removing (2) poles, installing (4) guys and anchors, and abandoning buried cables south of NC Hwy 55. The replacement copper and fiber cables will be placed on the north side on NC Hwy 55 both buried in the R/W, and aurally west of the project, then both aurally attached to the new Duke poles inside the project, then riser down the existing pole at Florence Road, and buried under NC Hwy 55 to an existing handhole south of NC Hwy 55.

Wetland areas will be impacted by the installation of (2) guys and anchors in the wetland which account for 6 square feet of impacts.

Spectrum

Contact Information: Stan Ramsay (252) 725-1141
stan.ramsay@pintechcorp.com

Spectrum will be abandoning buried cable south of NC Hwy 55, and removed from the aerial crossing attached to CenturyLink's poles (to be removed). Spectrum will be attaching to Duke's new poles north of NC Hwy 55, and to Duke's existing poles until they are east of Florence Rd. Then, they will go buried under NC Hwy 55 to tie back into their existing facilities west of N Trent Rd. Spectrum will be installing (4) guys and anchors.

Wetland areas will be impacted by the installation of (3) guys and anchors in the wetland areas which account for 9 square feet of impacts.

Bay River Metropolitan Sewer

Contact Information: Eric Harper - (252) 670-4055 - (252) 745-4812 (office)
ericbayriver@gmail.com
Chris Venters (252) 670-8236
venters.brmsd@gmail.com

Bay River Metropolitan Sewer will be abandoning approximately 1184 LF of 6-inch PVC sanitary sewer forcemain north on the northside of NC Hwy 55. The abandoned segment will be replaced by approximately 207 LF of 8-inch PVC forcemain, 1050 LF of 8-inch FPVC forcemain, two 8-inch insertion valves, 2 8-inch 11.25-degree bends, one 8-inch 22.5 degree bends, two combination air valve and vaults, and two 10"x8" HDPE Reducers with 8" MJ Adaptors. The new segment will connect to the existing sanitary sewer forcemain east and west of the bridge. The proposed forcemain will cross underneath Trent Creek (maintaining a 20' minimum separation below the bottom of the channel) with 1050 LF of directionally drilled 8-inch FPVC. All open cut sections are outside the wetland boundary, so, there are no wetland impacts associated with this relocation.

Pamlico County Water

Contact Information: Jeff Sanders (252) 670-7519, (252) 745-5453 (office)
jeff.sanders@pamlicocounty.org
Paul Campbell (252) 670-2037, (252) 745-5453 (office)
paul.campbell@pamlicocounty.org

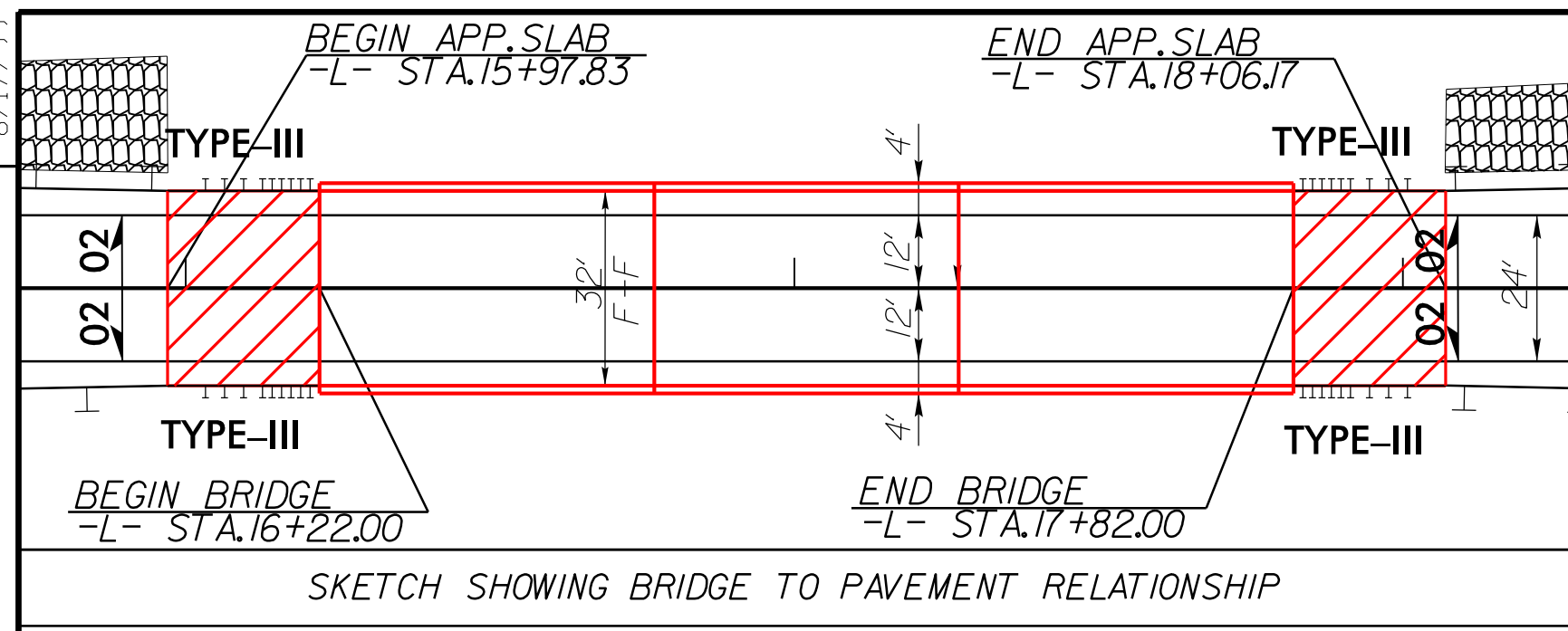
Pamlico County Water will be removing/abandoning approximately 1111 feet of 8-inch PVC waterline on the south side of NC Hwy 55. The existing waterline is suspended from the existing bridge. This segment will be removed. The removed/abandoned segment of waterline will be replaced with approximately 265 LF of 8-inch PVC, 980 LF of 10" HDPE, two 8-inch insertion valves, three 8-inch 90-degree bends, an 8-inch 22.5-degree bend, an 8-inch 45-degree bend, and two 10"x8" HDPE Reducers with 8" MJ Adaptors. The new segment will cross NC Hwy 55 West and East of the bridge, requiring 40 and 60 LF of 16-inch steel casing respectively. The steel casing will be bore and jacked which will require a 30'x15' bore pit at the east and west crossings. Both bore pits will be north of NC Hwy 55. The new segment will connect to the existing waterline at the crossings of NC Hwy 55 which will require 15'x15' receiving pits at both locations. The proposed waterline will cross underneath Trent Creek (maintaining a 20' minimum separation below the bottom of the channel) with 960 LF of directionally drilled 10-inch HDPE. Wetland areas will be impacted by the bore pits at both crossings of NC Hwy 55 (north of NC Hwy 55), the receiving pit south of NC Hwy 55 and east of the bridge, and some open cut installation east of the bridge. These impacts total 0.014 acres (164 square feet in Site 2 and 453 square feet in Site 3). Note it was assumed excavation limits for the open cut section would extend 7.0' from the center of the waterline.

NOTE: SITE 2 IS ALL WETLAND AREAS WEST OF TRENT CREEK AND SITE 3 IS ALL WETLAND AREAS EAST OF TRENT CREEK

PROJECT REFERENCE NO. B-4593	SHEET NO. RDY-4,UE-2
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	SEAL 046981 PAUL E. JANKO
	SEAL 053755 TRUCK M. HARTNET

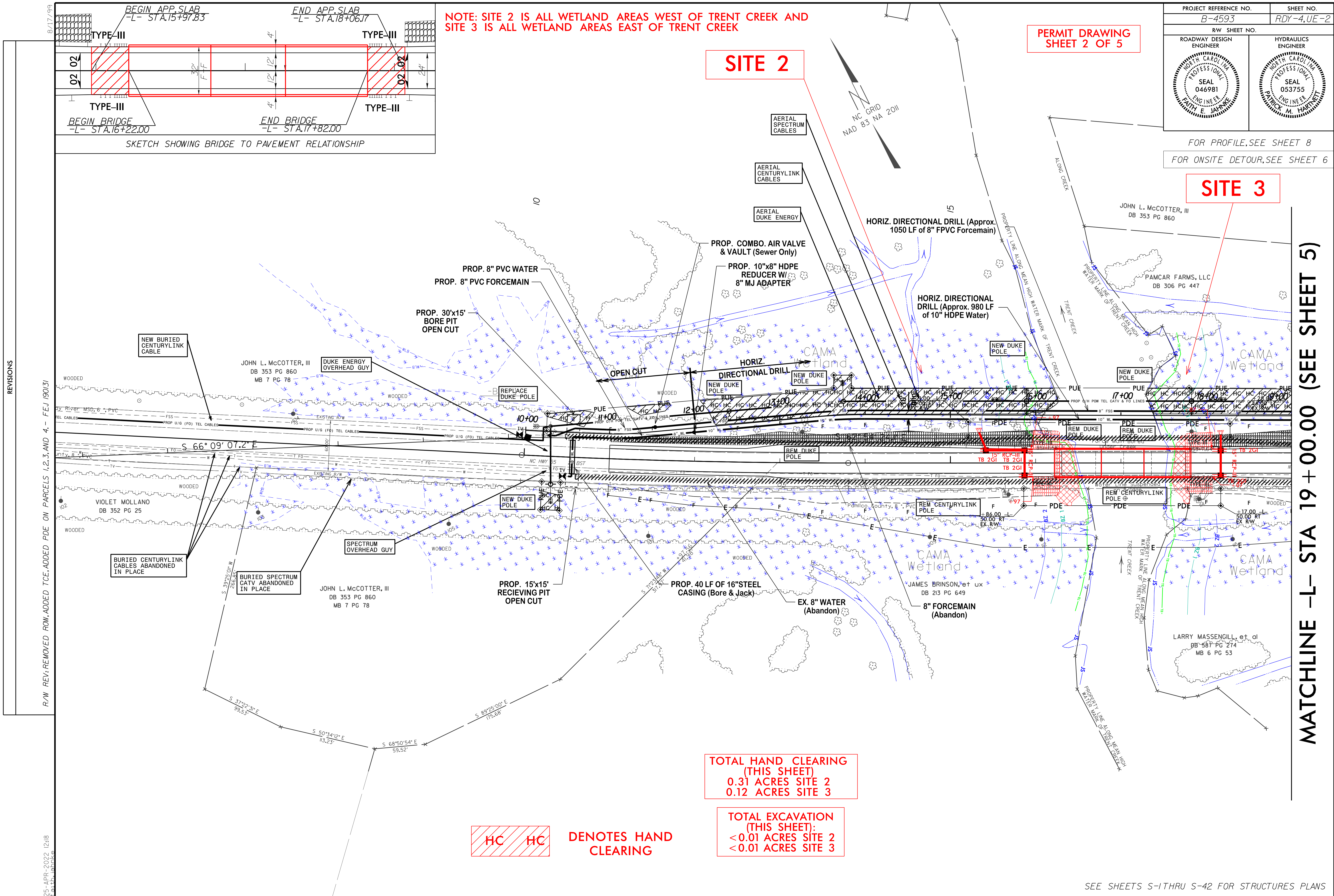
PERMIT DRAWING SHEET 2 OF 5

FOR PROFILE, SEE SHEET 8
FOR ONSITE DETOUR, SEE SHEET 6



SITE 2

SITE 3



TOTAL HAND CLEARING (THIS SHEET)
0.31 ACRES SITE 2
0.12 ACRES SITE 3

TOTAL EXCAVATION (THIS SHEET):
< 0.01 ACRES SITE 2
< 0.01 ACRES SITE 3

HC HC DENOTES HAND CLEARING

NOTE: SITE 2 IS ALL WETLAND AREAS WEST OF TRENT CREEK AND SITE 3 IS ALL WETLAND AREAS EAST OF TRENT CREEK

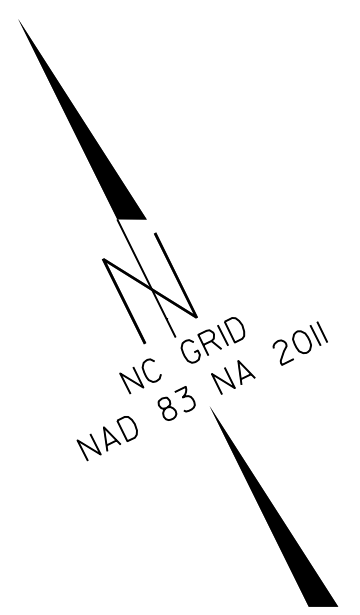
PROJECT REFERENCE NO. B-4593	SHEET NO. RDY-5, UE-3
RW SHEET NO.	
ROADWAY DESIGN ENGINEER SEAL 046981 PAUL E. JARVIS	HYDRAULICS ENGINEER SEAL 053755 PATRICK M. HARTNETT
FOR PROFILE, SEE SHEET 8	
FOR ONSITE DETOUR, SEE SHEET 7	

PERMIT DRAWING SHEET 3 OF 5

TOTAL EXCAVATION (THIS SHEET): 0.01 ACRES SITE 3

TOTAL HAND CLEARING (THIS SHEET) 0.22 ACRES HC SITE 3

HC HC DENOTES HAND CLEARING

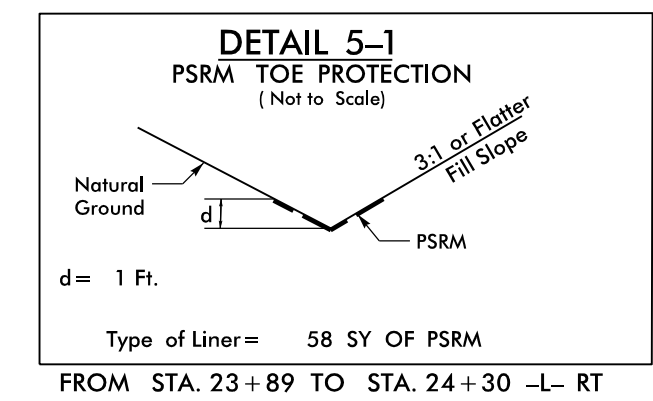
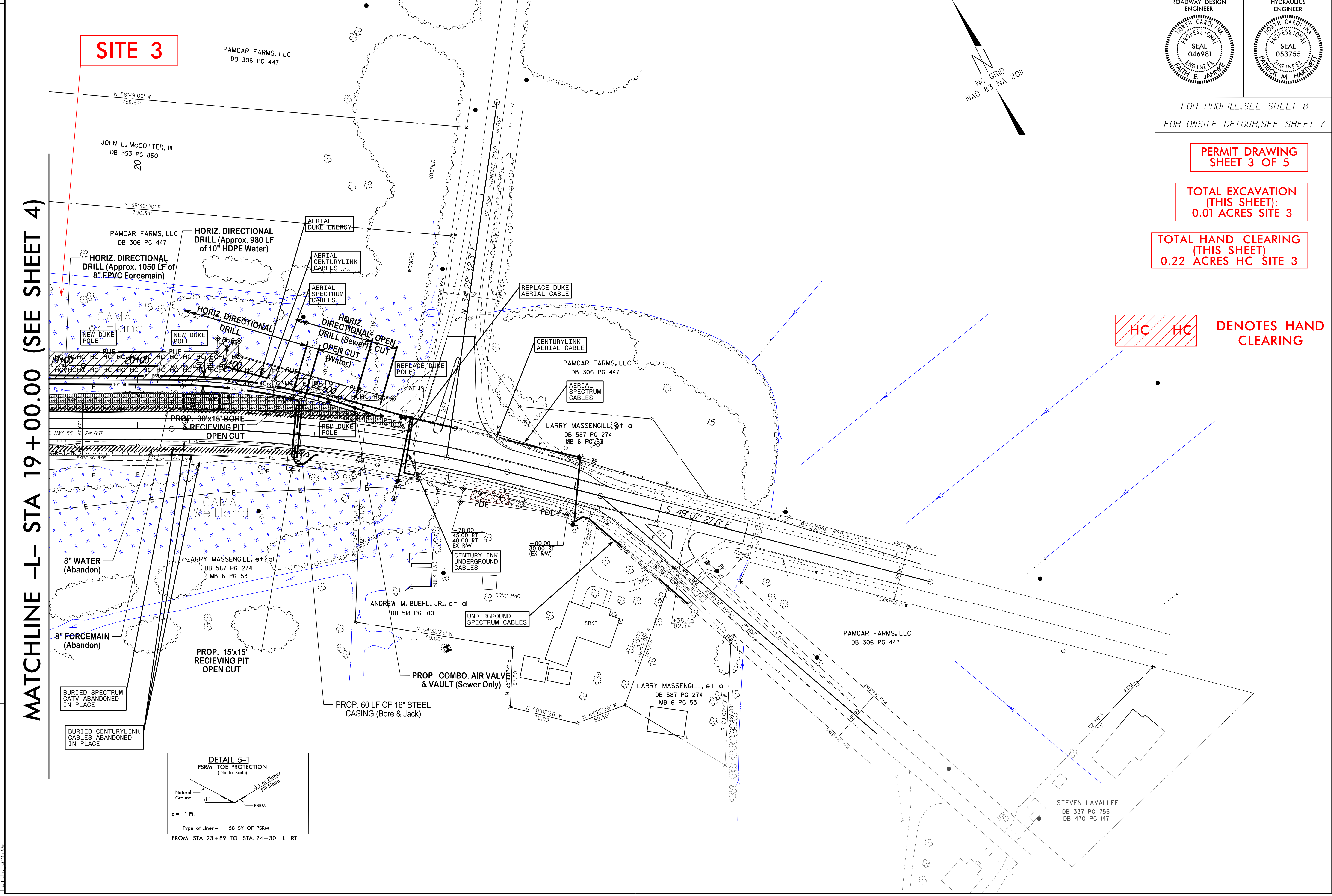


MATCHLINE -L- STA 19 + 00.00 (SEE SHEET 4)

R/W REV: REMOVED ROW, ADDED PDE, ADDED TCE, ADDED PDE ON PARCELS 1, 2, 3, AND 4 - FEJ 19/01/31

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8.17/7/99

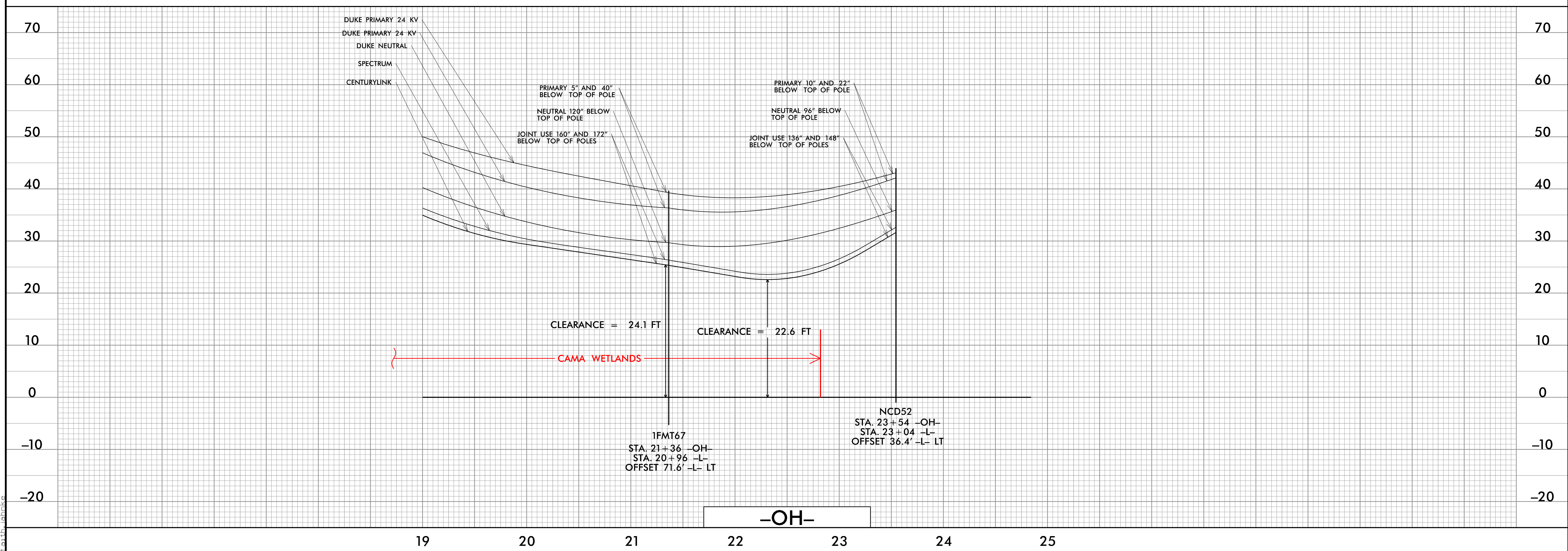
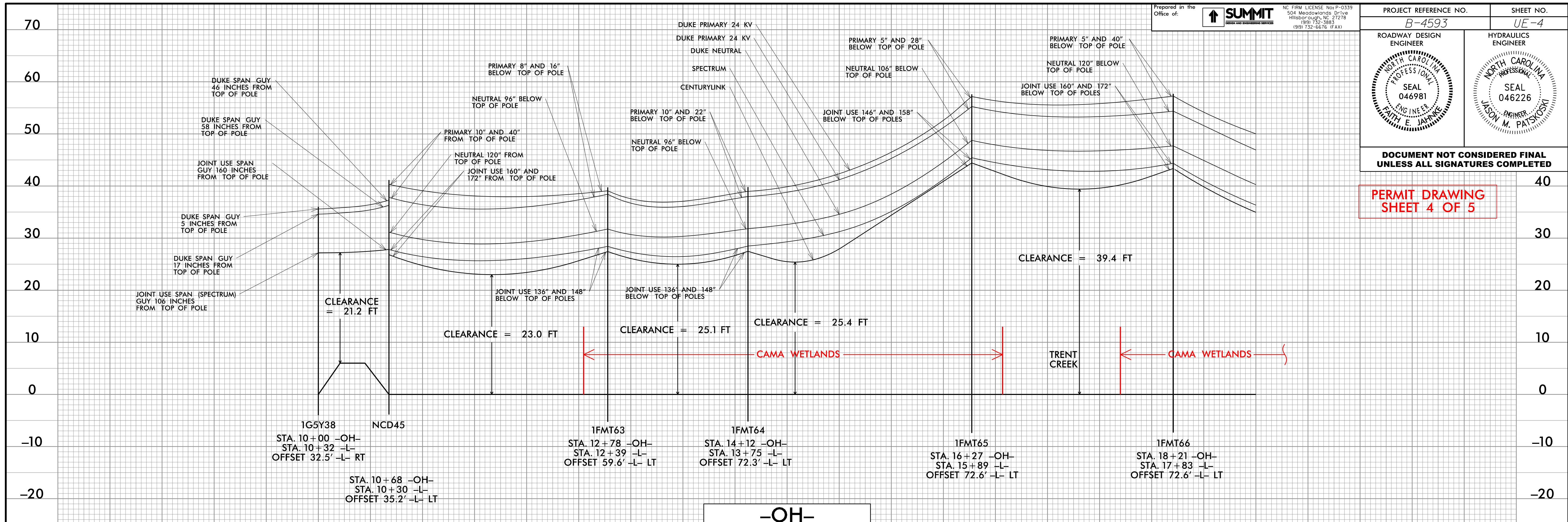


REVISIONS

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PERMIT DRAWING SHEET 4 OF 5

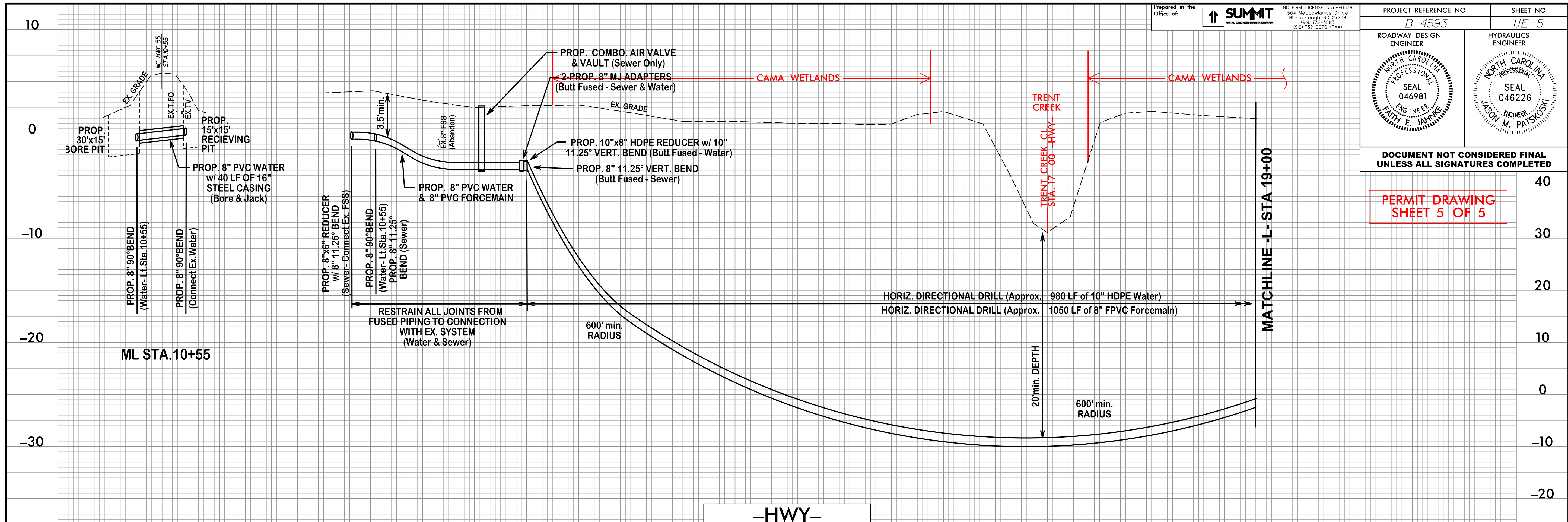


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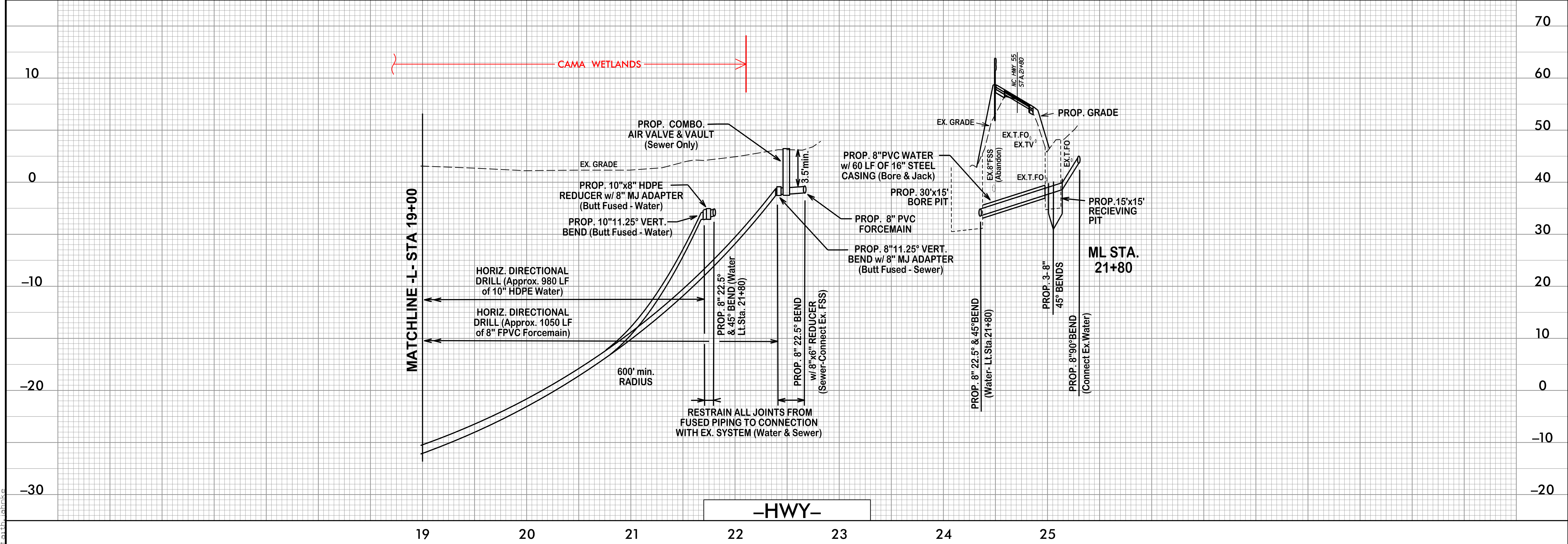
PROJECT REFERENCE NO. B-4593	SHEET NO. UE-5
ROADWAY DESIGN ENGINEER PAUL E. JAHANEK SEAL 046981 NORTH CAROLINA PROFESSIONAL ENGINEER	HYDRAULICS ENGINEER JUSTIN M. PATSKOSKI SEAL 046226 NORTH CAROLINA PROFESSIONAL ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PERMIT DRAWING SHEET 5 OF 5



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19 20 21 22 23 24 25

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Paul E. Jahanek

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Temp Fill In Wetlands (ac)	Permanent 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)
2	10+00 to 16+30 -L- LT & RT	Utility Easement					0.31					
2	10+00 to 16+30-L- LT & RT	Utility Poles and Guys			< 0.01 **							
2	10+45 to 16+65 -L- LT	Water Main			<0.01***							
3	17+25 to 22+80 -L- LT	Utility Easement					0.34					
3	17+75 to 21+00 -L- LT	Utility Poles and Guy Wires			< 0.01 **							
3	21+62 to 21+91 -L- LT	Water Main			0.01							
3	21+62 to 21+91 -L- RT	Water Main			<0.01***							
TOTALS*:			0.00	0.00	0.02	0.00	0.65	0.00	0.00	0.00	0.00	0.00

Rounded totals are sum of actual impacts

NOTES:

- **Utility Pole and Guy Wire Anchor Impacts = 45 SF in Site 2, 39 SF in Site 3 (2 Utility Poles fall within Buffer zones, 1 in Buffer Zone 1, 1 in Buffer Zone 2)
- *** Water Main Impacts in Site 2 = 164 SF, in Site 3 = 376 SF north of NC 55 and 77 SF south of NC 55
- *****Total excavation impacts = 164 SF + 376 SF + 77 SF + 45 SF + 39 SF = 701 SF = 0.016 acres

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 4/25/2022
 PAMLICO COUNTY
 B-4593
 BRIDGE REPLACEMENT ON NC 55 OVER TRENT CREEK

WETLANDS IN BUFFER IMPACTS SUMMARY

SITE NO.	STATION (FROM/TO)	WETLANDS IN BUFFERS	
		ZONE 1 (ft ²)	ZONE 2 (ft ²)
1	15+37 to 18+09 -L- LT	2092	1392
TOTAL:		2092	1392

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 7/10/2019
 PAMLICO COUNTY
 B-4593
 BRIDGE REPLACEMENT ON NC HWY 55 BYPASS
 OVER TRENT CREEK
 SHEET 3 OF 3

Revised 2018 Feb