

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

Project Contact Information

Name: Gordon Cashin
Who is submitting the information?

Email Address: * gcashin@ncdot.gov

Project Information

Existing ID #: *

20181598
20170001 (no dashes)

Existing Version: *

5
1

Project Name: * Havelock Bypass, US 70 R-1015

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#:

R-1015

WBS#:

34360

(Applies to DOT projects only)

County (ies) *

Craven

Please upload all files that need to be submitted.

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

R-1015 Individual Modification Craven March 4

4.42MB

2022.pdf

Only pdf or kmz files are accepted.

Describe the attachments or add comments:

See attached cover letter, DMS Mitigation Letter, and Revised Permit Drawings.

* ☒ 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: *

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

Submittal Date:

3/4/2022

Is filled in automatically once submitted.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

March 3, 2022

US Army Corps of Engineers
2407 West 5th Street
Washington, North Carolina 27889-1000

Attention: Mr. Tom Steffens
NCDOT Coordinator

Dear Sir:

Subject: **Application for Modifications to Section 404 Individual Permit and Section 401 Water Quality Certification** for the proposed Havelock Bypass in Craven County. TIP No. R-1015. Debit WBS 34360.1.2

The North Carolina Department of Transportation (NCDOT) obtained Section 404 CWA authorization and Section 401 Water Quality Certification to construct a new US 70 bypass of Havelock, North Carolina in Craven County under Corps Action ID: SAW-1993-02466 and NCDWR Project No. 20181598 in April 2019. The contractor and Division 2 have found certain components of our existing permit that require modification. The purpose of this letter is to provide permit drawings depicting these changes in the project plans and to request a modification to the project permits.

Several modifications are being made in the project design:

Site 3: (MSC Walls) At Site #3, the fill section needs to be extended out further due to the elevation of the MSE wall. The slope will have to extend further out to match the existing grade.
Fill: increase 0.11 ac (change of 0.10 ac in the page summary)
Mech Clearing: increase 0.01 ac

Site 5: At Site #5, Excavation is need for the footers, therefore the Hand Clearing and Mechanized Clearing will need to be changed to excavation in wetlands. Also, the contractor needs to install a RR crossing for construction. In doing so, it will require temporary fill in wetlands.

Temp Fill: Increase 0.13 ac
Excavation: Increase 0.11 ac
Mech Clearing: Increase 0.04 ac
Hand Clearing: Decrease 0.08 ac

Site 35B: Excavation is needed in wetlands to allow for positive drainage for an adjacent pipe.

Excavation increase 0.01 ac

Mech Clearing: increase <0.01 ac (no change in summary sheet total)

In summary, proposed changes to permanent and temporary wetland impacts are as follows:

Permanent fill increases 0.11 ac

Mechanized clearing increases 0.05 ac

Excavation increases 0.12 ac

Temporary fill increases 0.13 ac

Hand clearing decreases 0.08 ac

Revised permit drawings are attached, along with an updated acceptance letter from the NC Division of Mitigation Services.

A copy of this modification request and its distribution list will be posted on the NCDOT website at: <https://xfer.services.ncdot.gov/pdea/PermApps/>

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Gordon Cashin at gcashin@ncdot.gov or (919) 749-0442.

Sincerely,

DocuSigned by:

Mack C. Rivenbark III

AAAD1248B309416...

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

cc: NCDOT Permit Application Standard Distribution List

ROY COOPER

Governor

ELIZABETH S. BISER

Secretary

MARC RECKTENWALD

Director



NORTH CAROLINA
Environmental Quality

March 2, 2022

Mr. Philip S. Harris, P.E., CPM
Environmental Analysis Unit
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, North Carolina 27699-1598

Dear Mr. Harris:

Subject: DMS Mitigation Acceptance Letter:

R-1015, US 70 – Havelock Bypass from North of Pine Grove to North of the Carteret County Line, Craven County

References: USACE 404 Individual Permit issued April 18, 2019 and permit modifications issued May 11, 2020 and July 21, 2021 (USACE Action ID 1993-02466)

NCDWR 401 Water Quality Certification issued April 3, 2019, correction letter dated November 25, 2019 and permit modifications issued on May 1, 2020 and July 9, 2021 (NCDWR ID 2018-1598)

The purpose of this letter is to notify you that the Division of Mitigation Services (DMS) will provide the additional compensatory wetland mitigation for the subject project. Based on the information supplied by you on March 1, 2022, the impacts are located in CU 03020204 of the Neuse River basin in the Southern Outer Coastal Plain (SOCP) Eco-Region, and are as follows:

Table 1 – Additional Impacts (feet / acres)

Neuse 03020204 SOCP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.010	0.280	0	0	0

*NOTE: Some of the stream impacts may be proposed to be mitigated at a 1:1 mitigation ratio. See permit application for details.

This additional impact and associated mitigation needs were not projected by the NCDOT in the 2022 impact data. DMS is currently providing stream, wetland, and buffer mitigation for the impacts associated with this project located in cataloging unit 03020204 of the Neuse River basin as required by the 404 and 401 permits issued in April 2019, May 2020, and July 2021 as shown in the below table (in mitigation credits)



North Carolina Department of Environmental Quality | Division of Mitigation Services
217 West Jones Street | 1652 Mail Service Center | Raleigh, North Carolina 27699-1652
919.707.8976

Table 2 – Current Permitted Impacts and Associated Mitigation Requirements provided by DMS (based on issued permits) and Revised Anticipated Impacts (based on mitigation request)

Impact Type	Total Permitted Impacts (feet / acre / sq ft)	Mitigation Provided by DMS per Issued Permits (Credits)	Additional Impact (for approval)	Revised Total Impacts*
Stream (warm)	2,870.000	5,740.000	0.000	2,870.000
Riparian Wetland	15.820	31.640	0.010	15.830
Non-Riparian Wetland	98.440	196.210	0.280	98.720
Riparian Buffer	89,824.000	210,473.000	0.000	89,824.000

*Some of the additional stream impacts may be proposed to be mitigated at a 1:1 mitigation ratio. See permit application for details. DMS will provide the amount of mitigation as determined by the regulatory agencies.

DMS commits to implementing additional sufficient compensatory wetland mitigation credits to offset the impacts associated with this project as determined by the regulatory agencies using the delivery timeline listed in Section F.3.c.iii of the In-Lieu Fee Instrument dated July 28, 2010. If the above referenced impact amounts are revised, then this mitigation acceptance letter will no longer be valid and a new mitigation acceptance letter will be required from DMS.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-707-8420.

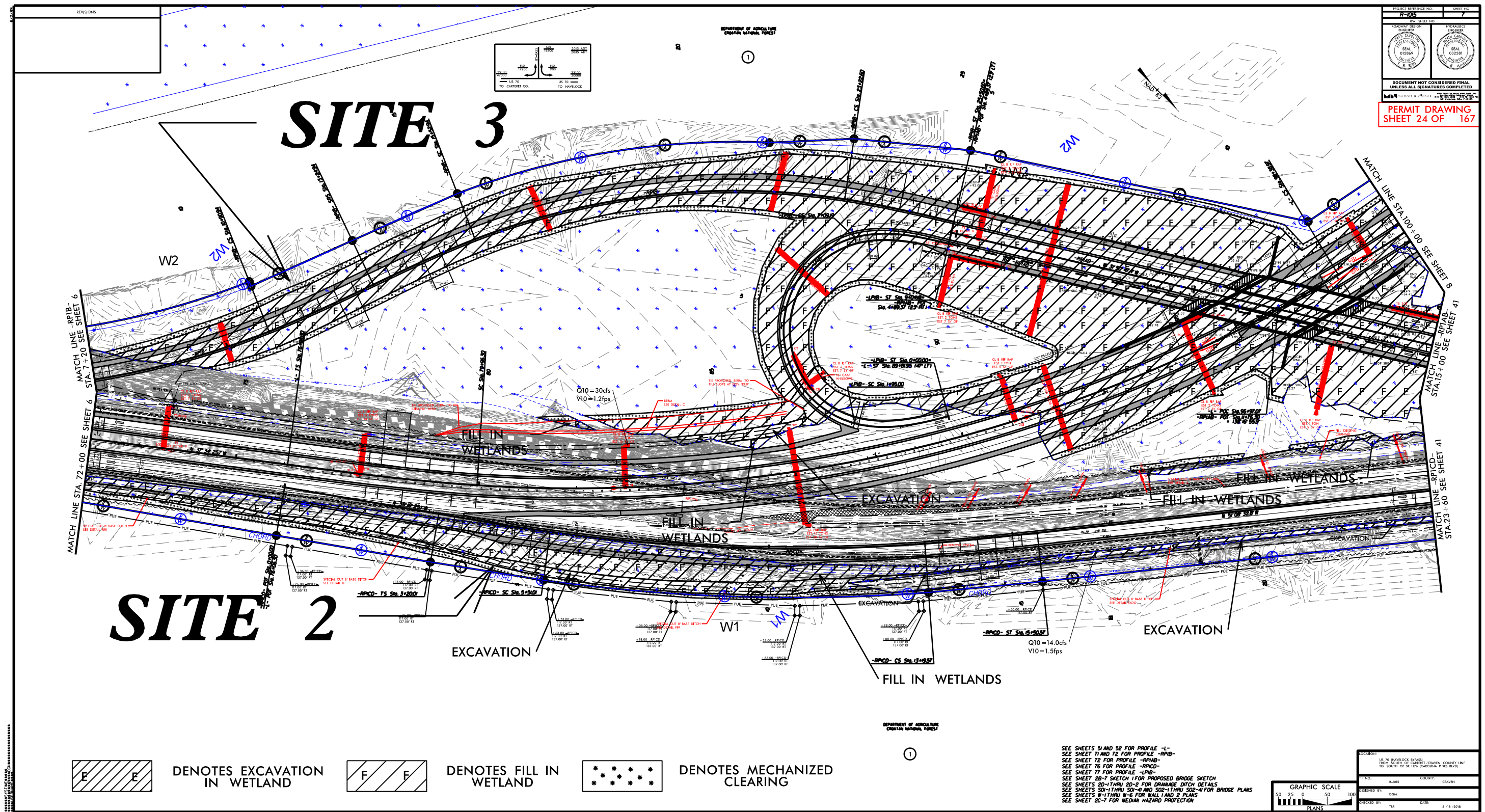
Sincerely,



for James B. Stanfill
Asset Management Supervisor

cc: Mr. Monte Matthews, USACE – Raleigh Regulatory Field Office
Ms. Amy Chapman, Division of Water Resources, Wetlands/401 Unit
File: R-1015 Mod 3

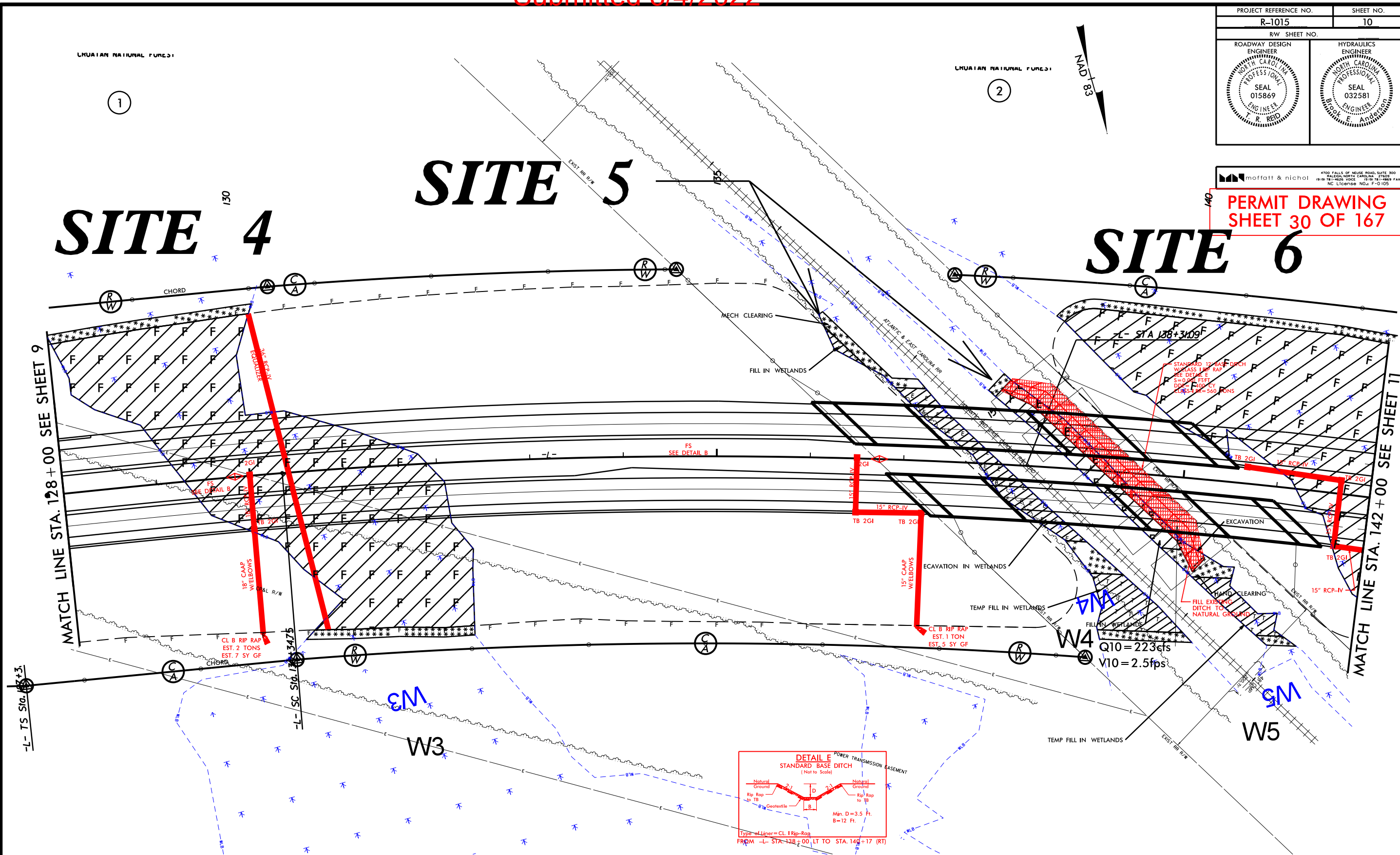




SITE 4

SITE ***5***

SITE 6



SEE SHEET 9

A close-up photograph of a matchbook cover. A large, stylized red letter 'F' is the central focus. To its right, the text '2GI' is printed in red. Below the 'F', there is a red line and the text '-IV-'. The background is a black and white geometric pattern of diagonal lines. The word 'MATCH' is visible at the bottom edge of the frame.

-L- TS Sta. 107+3.

2/18/2022
mgberry
R:\Hydraulics\PERMITS Environmental\Drawings\Wetland & Stream\c-1015 Hyd prn wet psh10.dgn

DETAIL E
STANDARD BASE DITCH
(Not to Scale)

Natural Ground
2:1
D
B
8'
Min. D = 3.5 Ft.
8-12 Ft.

Rip-Rap to TB
Geotextile
POWER TRANSMISSION E.A.

Type of Liner = CL I Rip-Rap

FROM -L- STA. 138 ± 00 LT TO STA. 140 ± 17 (RT)

TEMPORARY FILL IN WETLAND

DENOTES EXCAVATION
IN WETLAND

Diagram showing two HC (Heavy Commercial) vehicles in a lane.

DENOTES HAND
CLEARING

DENOTES MECHANIZED
CLEARING

DENOTES FILL IN
WETLAND

50' 0' 50' 100' 150'

GRAPHIC SCALE

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-1015	32
RW SHEET NO.	
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 015869 T. R. RED	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 032581 B. R. ANDERSON

moffatt & nichol
4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
(919) 781-4400 VOICE (919) 781-4889 FAX
NC License No. F-0105

PERMIT DRAWING
SHEET 120 OF 167

SITE 35B

SITE 36A SITE 36B

EXCAVATION IN WETLANDS

MATCH LINE STA. 450 + 00 SEE SHEET 31

MATCH LINE STA. 464 + 00 SEE SHEET 33

CL B RIP RAP
EST. 1 TONS
EST. 5 SY GF

FS
2GI-D SEE DETAIL B

MEDIAN 'V' DITCH
SEE DETAIL NN

N 29° 51' 36.9" W

CL 'I' RIP RAP
EST. 24 TONS
EST. 50 SY GF

CL 'B' RIP RAP
EST. 1 TON
EST. 5 SY GF

15" RCP-IV

2GI

FS
SEE DETAIL B

CL 'B' RIP RAP
EST. 1 TON
EST. 5 SY GF

15" RCP-IV

2GI

FS
SEE DETAIL B

CL 'B' RIP RAP
EST. 1 TON
EST. 5 SY GF

FS
SEE DETAIL B

2GI

CL 'B' RIP RAP
EST. 1 TON
EST. 5 SY GF

BOLING FAMILY INVESTMENTS, L.L.C., et al

CLYDE O. BELANGIA, JR., et al

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

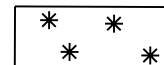
NAD 83

W67

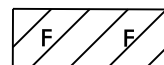
W67



WETLAND EXCAVATION CLYDE O. BELANGIA, JR., et al

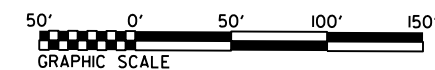


DENOTES MECHANIZED
CLEARING



DENOTES FILL IN
WETLAND

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



SEE SHEETS 65 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

REVISIONS

2/18/2022
mgberry
R:\Hydraulics\PERMITS_Environmental\Drawings\Wetland & Stream\r-1015_Hyd_prm_wet_psh32.dgn

WETLAND AND SURACE WATER IMPACTS SUMMARY												
			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	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)
20	57+34 TO 62+48 -Y3- RT	ROADWAY FILL	1.46		0.10	0.18						
21	58+29 TO 63+51 -Y3- RT	ROADWAY FILL	0.56		0.21	0.08						
21A	58+89 TO 64+03Y3DET- LT/RT	TEMP DETOUR		0.25	0.11		0.12					
22	267+83 TO 273+90 -L- LT/RT	84" RCP, BURIED 1'	0.86			0.12		0.05	0.01	583.6	61.1099	
23	280+57 TO 293+27 -L- LT/RT	Dual Bridge; 7 @ 135', 72" MBT	1.03			0.15	3.05					
24	308+19 TO 314+60 -L- LT/RT	42" RCP	0.74		0.04	0.06						
25A	328+41 TO 336+80 -L- LT/RT	2@ 72" RCP, BURIED 1'	1.80		0.10	0.12						
25B	325+13 TO 325+48 -L- RT	ROADWAY FILL	< 0.01			< 0.01						
26	337+97 TO 342+81 -L- RT	72" RCP, BURRIED 1'	0.47		< 0.01		0.11					
27	340+63 TO 344+93 -L- LT	72" RCP, BURRIED 1'	0.75		0.08		0.05					
28A	348+96 TO 349+65 -L- RT	ROADWAY FILL	0.01				0.02					
28B	351+33 TO 352+19 -L- RT	ROADWAY FILL	< 0.01				0.02					
29	355+33 TO 357+51 -L- LT	ROADWAY FILL	0.03		0.07		0.04					
30	355+83 TO 357+47 -L- RT	ROADWAY FILL	0.27				0.04					
31	373+16 TO 380+23 -L- LT/RT	ROADWAY FILL	2.22		0.07		0.32					
32	392+99 TO 399+33 -L- LT/RT	ROADWAY FILL	0.56			0.15						
33	408+22 TO 408+87 -L- LT	ROADWAY FILL	< 0.01			0.01						
34	409+25 TO 409+75 -L- RT	ROADWAY FILL	0.18			< 0.01						
35A	432+62 TO 449+72 -L- LT/RT	ROADWAY FILL	5.49			0.77						
35B	450+94 TO 454+47 -L- LT/RT	ROADWAY FILL	0.71		0.01	0.11						
36A	456+65 TO 461+70 -L- LT/RT	84" RCP, BURIED 1'	0.79			0.15						
36B	462+57 TO 464+60 -L- LT/RT	ROADWAY FILL	0.50		0.02	0.05						
37	468+85 TO 486+94 -L- LT/RT	ROADWAY FILL	3.43		0.01	0.50						
SUB TOTALS THIS SHEET*:			21.89	0.25	0.81	2.47	3.77	0.05	0.01	584	61	0
*Rounded totals are sum of actual impacts												
NOTES: Bridge Impacts at Site 23: 0.04 acres for Temporary Bents, <0.01 acres for all permanent bents.												
								NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 02/18/2022 CRAVEN COUNTY R-1015 34360.1.2				
Revised 2016 09 09								SHEET	166	OF	167	

