



Pre-Construction Notification (PCN) Form

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

April 4, 2021 Ver 4

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:*

Brunswick

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-5624

WBS #*

45579.1.1

(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)

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

Yes No

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 401 Water Quality Certification
 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.

Is this a courtesy copy notification? *

Yes No

ID#

20201511

Version

1

Pre-filing Meeting or Request Date *

9/28/2020

Attach documentation of Pre-Filing Meeting Request here: *

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

DWR response Pre Filing Notification List of Projects from 12 MLL Through Sept 21 to NCDWR.pdf

141.27KB

File type must be PDF

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

B-5624_DMS Acceptance_RW_LU 06.pdf

355.49KB

FILE TYPE MUST BE PDF

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

Yes No

1i. Is the project located within a NC DCM Area of Environmental Concern (AEC)? *

Yes No Unknown

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? *

Gordon Cashin

1b. Primary Contact Email: *

gcashin@ncdot.gov

1c. Primary Contact Phone: *

(xxx)xxx-xxxx

(919)749-0442

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. Contact Person:

(for Corporations)

2d. Address *

Street Address

1000 Birch Ridge Road

Address Line 2

City

Raleigh

Postal / Zip Code

27610

State / Province / Region

North Carolina

Country

USA

2e. Telephone Number: *

(xxx)xxx-xxxx

(919)749-0442

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: *

Bridge No. 57 on NC 211 (Green Swamp Road) over Driving/Juniper Creek, B-5624

1b. Subdivision name:

(if appropriate)

1c. Nearest municipality / town: *

Supply

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

Postal / Zip Code

State / Province / Region

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: *

34.1021128426057

ex: 34.208504

Longitude: *

-78.3066391958156

-77.796371

3. Surface Waters

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

Driving Creek / Juniper Creek

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

C-Sw

Surface Water Lookup

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

Lumber

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

030402060403

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: *

The project vicinity is forested.

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

Yes No Unknown

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:

10.5

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

(intermittent and perennial)

1,500

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

Replace the existing NC 211 bridge over the stream, which will also require relocating existing utilities.

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

Bridge No. 57 was built in 1954, and is a 53 feet long, 23-foot wide 3-span structure that is functionally obsolete due to deck, superstructure and substructure conditions. The replacement bridge will approximately 75 feet long and 40-feet wide. Project construction will extend along the bridge approaches approximately 664 feet from the north and south ends of the bridge. An on-site detour will be used during construction. The shortest off-site detour is approximately 23 miles, with 3 miles being an unpaved gravel/dirt road. This length of detour from NC 211 would be problematic for daily traffic, emergency services, and hurricane evacuation.

Standard roadbuilding equipment will be used. Fiber optic cables will also be adjusted along the project.

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

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

B-5624_Permit Drawings_20210311.pdf

3.39MB

B-5624 Utilities.pdf

1.44MB

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-2016-02148

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

Name (if known): Brian Dustin

Agency/Consultant Company: Calyx

Other:

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

PJD signed 10/26/2016 by Brad Shaver, site visit was 10/19/2016.

5d1. Jurisdictional determination upload

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

B-5624 final counter signed PJD.pdf

286.95KB

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 [*]
1	Roadway fill	P	Riverine Swamp Forest	WA	Yes	Both	0.055 (acres)
2	Bridge	P	Riverine Swamp Forest	WA	Yes	Both	0.004 (acres)
3	Roadway fill	P	Riverine Swamp Forest	WA	Yes	Both	0.110 (acres)
3	Roadway fill	T	Riverine Swamp Forest	WA	Yes	Both	0.274 (acres)
4	Roadway fill	P	Riverine Swamp Forest	WA	Yes	Both	0.140 (acres)
5	Roadway fill	P	Riverine Swamp Forest	WA	Yes	Both	0.085 (acres)

2g. Total Temporary Wetland Impact

0.274

2g. Total Permanent Wetland Impact

0.394

2g. Total Wetland Impact

0.668

2i. Comments:

There will be 0.08 acre of hand clearing in wetlands. 0.03 acre of temporary fill will be needed in the hand clearing areas for erosion control measures.

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 [*]	3h. Impact length [*]
S1	Roadway fill	Permanent	Fill	Site 2 - Driving Creek	Perennial	Both	30 Average (feet)	25 (linear feet)
S2	Roadway fill	Temporary	Fill	Site 2 Driving Creek	Perennial	Both	30 Average (feet)	31 (linear feet)
S3	Bank stabilization	Permanent	Bank Stabilization	Site 2 Driving Creek	Perennial	Both	30 Average (feet)	43 (linear feet)
S4	Bridge	Temporary	Other	Site 2 Driving Creek	Perennial	Both	30 Average (feet)	85 (linear feet)

** 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:

68

3i. Total temporary stream impacts:

116

3i. Total stream and ditch impacts:

184

3j. Comments:

Site 1 (Stream SA) is being relocated; it is considered JS - non-mitigable based on agency site visits.

4. Open Water Impacts

If there are proposed impacts to lakes, ponds, estuaries, tributaries, sounds, the Atlantic Ocean, or any other open water of the U.S. then individually list all open water impacts below.

4a. Site # [*] (?)	4a1. Impact Reason	4b. Impact type [*] (?)	4c. Name of waterbody(?)	4d. Activity type [*]	4e. Waterbody type [*]	4f. Impact area [*]
1	Roadway fill	P	SA (JS - non-mit)	Fill	Tributary	0.18 (acres)
2	Roadway fill, bridge	P	Driving Creek	Fill	Tributary	0.01 (acres)
2	Roadway fill, bridge	T	Driving Creek	Fill	Tributary	0.03 (acres)
4	Roadway fill	P	Driving Creek	Fill	Tributary	0.00 (acres)

4g. Total temporary open water Impacts:

0.03

4g. Total permanent open water impacts:

0.19

4g. Total open water impacts:

0.22

4h. Comments:

Site 1 (Stream SA) is being relocated; it is considered JS - non-mitigable based on agency site visits.
Site 4 impact is 0.001 ac

E. Impact Justification and Mitigation

1. Avoidance and Minimization

1a. Specifically describe measures taken to avoid or minimize the proposed impacts in designing the project: ^{*}

The bridge will be replaced on the existing alignment. No impacts to waters or wetlands are proposed due to utility relocations.

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

Best Management Practices for Construction and Maintenance Activities will be used. The relocated channel will be stabilized with coir fiber matting on the banks and reforested with live stakes prior to completion of project. No deck drains will be used on the proposed or detour structure, reducing adverse stream impacts associated with direct roadway runoff. Additional measures implemented to reduce impacts to stream and surrounding wetlands include; maintaining existing drainage patterns, utilizing 2:1 fill slopes in areas with guardrail, utilizing 3:1 fill slopes in areas without guardrail, discharging stormwater as far away from the stream and wetlands as practicable. Further, rip rap is used at drainage outlets to dissipate energy and reduce erosion.

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

2c. If yes, mitigation is required by (check all that apply):

DWR Corps

2d. If yes, which mitigation option(s) will be used for this project?

Mitigation bank Payment to in-lieu fee program Permittee Responsible Mitigation

4. Complete if Making a Payment to In-lieu Fee Program

4a. Approval letter from in-lieu fee program is attached.

Yes No

4b. Stream mitigation requested:

(linear feet)

4c. If using stream mitigation, what is the stream temperature:

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

4d. Buffer mitigation requested (DWR only):

(square feet)

4e. Riparian wetland mitigation requested:

(acres)

0.394

4f. Non-riparian wetland mitigation requested:

(acres)

4g. Coastal (tidal) wetland mitigation requested:

(acres)

4h. Comments

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

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

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

If no, explain why:

Buffer rules do not apply to the Lumber River Basin.

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

NEPA or SEPA Final Approval Letter

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

FILE TYPE MUST BE PDF

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.

Replacement of the existing bridge 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?

NMFS

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? *

Surveys, USFWS County List, IPaC, coordination with USFWS and NMFS. Remaining surveys will be updated prior to construction.

Consultation Documentation Upload

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

20210603_ltr_USFWS_NCDOT_B-5624.pdf

178.43KB

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? *

Coordination with NMFS during NRTR research, Essential Fish Mapper checked in 2021.

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? *

Programmatic CE 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:

Hydraulics Unit coordination with FEMA

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

FEMA mapping

Miscellaneous

Comments

The project crosses The Green Swamp, a designated nature preserve, and most of the surrounding parcels are owned by The Nature Conservancy. Right-of-Way (ROW) acquisition is ongoing and a public hearing is required due to the The Nature Conservancy property. The Department understands that impacts to Waters of the US, even if permitted, cannot occur until ROW is adequately resolved.

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 *

Mac C Riverbank, III

Date

6/3/2021

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

DWR Reg	NCDDOT Contact	Let Date	Let Type	TP	D I M	County	Project Description	Type of Previous DWR Correspondence	DWR #	Version #	Received	Letter/Link
Wanaha	Bill Barrett	09/21/2021	5-6728	Replace Letting	-	Albemarle	REPLACE BRIDGE 110 OVER RICHYFORK CREEK IN SPOUSE ON NC 87	No Fax found in Laserfiche	20201505	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Hood	Erin Cheely	05/18/2021	5-4407	Replace Letting	-	Anson, Stanly	BRIDGE TO OVER BUCKY RIVER ON US 52	No Fax found in Laserfiche	20201506	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Hood	Erin Cheely	03/16/2021	5-5818	Replace Letting	-	Anson	REPLACE BRIDGE 11 OVER BEAUFORT CREEK ON NC 188	No Fax found in Laserfiche	20201507	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Hood	Bill Barrett	07/20/2021	5F-0107	Replace Letting	-	David	SR 1077 BRIDGE 01 REPLACE BRIDGE 19 OVER TO SNOW CREEK	No Fax found in Laserfiche	20201508	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Hood	Rod Dixon	08/17/2021	7-2704	Replace Letting	-	Hendersonburg	CONVERT TO 315 CONNECTION - 20A	No Fax found in Laserfiche	20181692	2	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Ridgely	Chris Murray	02/16/2021	5-5318	DDRL	-	Wake	REPLACE BRIDGE #1038 OVER SMITH CREEK SR 2041 & DONNELL ROAD IN WAKE FOREST	Laserfiche File: Scoping Letter	20201509	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Gordon Castin	07/20/2021	5-5124	Replace Letting	-	Brunswick	BRIDGE 07 OVER JAMES CREEK ON NC 201	Laserfiche File: P/D Package	20201510	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Gordon Castin	07/20/2021	5-5562	Replace Letting	-	Brunswick	BRIDGE 95 OVER HOOB CREEK ON NC 87	No Fax found in Laserfiche	20201511	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Chris Rowland	05/18/2021	5B-0017	Replace Letting	-	Duplin	BRIDGE 38810 ON NC 110 OVER LITTLE ROCKY RIVER CREEK	Laserfiche File: P/D Package	20201512	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Greg Price	07/20/2021	-5878	DDRL	-	Harnett	REPLACE BRIDGE 101 OVER SR 1700 OVER LITTLE ROCKY RIVER CREEK	No Fax found in Laserfiche	20201513	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Greg Price	07/20/2021	-5883	DDRL	-	Harnett	REPLACE BRIDGE 102 OVER SR 1700 OVER LITTLE ROCKY RIVER CREEK	Laserfiche File: Scoping Letter and JD Request	20201514	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Greg Price	07/20/2021	-5888	DDRL	-	Harnett, Johnston	REPLACE BRIDGE 103 OVER SR 1700 OVER LITTLE ROCKY RIVER CREEK	No Fax found in Laserfiche	20190214	3	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Jason Dilley	04/20/2021	5-2581CA	DDRL	-	Columbus	SR 87 AT NC 11 - CONSTRUCT INTERCHANGE	Laserfiche File: P/D Package	20201515	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Sheephus	Greg Price	04/20/2021	5-5797	DDRL	-	Columbus	SR 74 AT SR 100 (BOGARDWAY ROAD)	Laserfiche File: P/D Package	20201516	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Wanaha	Kevin Hing	07/20/2021	718P-11-R-13	DDRL	-	Wilkes	BRIDGE 416 ON SR 1148 OVER WAZZ CREEK	No Fax found in Laserfiche	20201517	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Wanaha	Erin Cheely	06/15/2021	5F-0048	Replace Letting	-	Surry	BRIDGE 103 ON NC 288 OVER MITCHELL RIVER REPLACE BRIDGE	Laserfiche File: Start of Study Letter	20201518	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Wanaha	Jeff Huppel	07/20/2021	5B-0108	Replace Letting	-	Wilkes	SR 218 BRIDGE 416 REPLACE BRIDGE 410 OVER LITTLE ROCKY CREEK	No Fax found in Laserfiche	20201519	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Ward	Jason Dilley	09/21/2021	5-4926	DDRL	-	Lenoir	REPLACE BRIDGE 101 OVER SR 102 AND SR 101 OVER NEUSE RIVER ON NC 55	Laserfiche File: Previous NW 6	20181733	2	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Ward	Deanna Riffley	09/21/2021	5-5514	Replace Letting	-	Stanly	REPLACE BRIDGE 91 OVER SR 200 OVER CREEK ON SR 1152	No Fax found in Laserfiche	20201520	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Ward	Deanna Riffley	05/18/2021	5-5619	Replace Letting	-	Lenoir	REPLACE BRIDGE 92 OVER NEUSE RIVER AND REPLACE BRIDGE 102 OVER NEUSE RIVER ON SR 101 OVER BRIDGE ROAD	No Fax found in Laserfiche	20201521	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource
Ward	Deanna Riffley	09/21/2021	5B-0004	Replace Letting	-	Stanly	REPLACE BRIDGE 93 OVER NEUSE RIVER AND REPLACE BRIDGE 103 OVER NEUSE RIVER ON SR 101 OVER BRIDGE ROAD	No Fax found in Laserfiche	20201522	1	9/28/2020	https://dcds.dcr.nc.gov/WaterResource/Browse.aspx?C=11760708.dcf-0&type=WaterResource

ROY COOPER
 Governor
 DIONNE DELLI-GATTI
 Secretary
 TIM BAUMGARTNER
 Director



May 6, 2021

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

Dear Mr. Harris:

Subject: Mitigation Acceptance Letter:

B-5624, Replace Bridge 57 on NC 211 over Juniper Creek, Brunswick County

The purpose of this letter is to notify you that the Division of Mitigation Services (DMS) will provide the compensatory wetland mitigation for the subject project. Based on the information supplied by you on May 6, 2021, the impacts are located in CU 03040206 of the Lumber River basin in the Southern Outer Coastal Plain (SOCP) Eco-Region, and are as follows:

Lumber 03040206 SOCP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.394	0	0	0	0

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

The impacts and associated mitigation needs were under projected by the NCDOT in the 2021 impact data. DMS will commit to implement 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 Beth Harmon at 919-707-8420.

Sincerely,

James B. Stanfill
 DMS Asset Management Supervisor

cc: Mr. Monte Matthews, USACE – Raleigh Regulatory Field Office
 Ms. Amy Chapman, NCDWR
 File: B-5624





North Carolina Department of Transportation

**Highway Stormwater Program
STORMWATER MANAGEMENT PLAN
FOR NCDOT PROJECTS**



(Version 2.08; Released April 2018)

WBS Element: 45579.1.1 **TIP No.:** B-5624 **County(ies):** Brunswick **Page** 1 **of** 1

General Project Information

WBS Element:	45579.1.1	TIP Number:	B-5624	Project Type:	Bridge Replacement	Date:	2/22/2020
NCDOT Contact:	Tierre Peterson, PE		Contractor / Designer:	Sungate Design Group			
Address:	Structures Management Unit		Address:	905 Jones Franklin Rd			
	1581 Mail Service Center			Raleigh, NC 27606			
	Raleigh, NC 27699						
Phone:	919-707-6488		Phone:	919-710-8459			
Email:	tpeterson@ncdot.gov		Email:	belam@sungatedesign.com			
City/Town:	N/A		County(ies):	Brunswick			
River Basin(s):	Lumber		CAMA County?	Yes			
Wetlands within Project Limits?	Yes						

Project Description

Project Length (lin. miles or feet):	0.266 mi	Surrounding Land Use:	Rural, Conservation, Agricultural					
	Proposed Project			Existing Site				
Project Built-Upon Area (ac.)	1.1	ac.	0.8	ac.				
Typical Cross Section Description:	2 - 12ft lanes with 8ft shoulder (4ft Paved)			2 - 12ft lanes with 5ft shoulder (2ft Paved)				
Annual Avg Daily Traffic (veh/hr/day):	Design/Future:	3,000	Year:	2040	Existing:	1,971	Year:	2021
General Project Narrative: (Description of Minimization of Water Quality Impacts)	<p>B-5624 is a bridge replacement project that involves removing existing Brunswick County bridge #57, on NC 211 over Driving Creek, and replacing with a 1@85', 45" prestressed concrete girder bridge with 4.0' end bent caps. A detour and a temporary 75' long detour bridge will be constructed just downstream of the existing structure prior to its removal. Approximatley 420ft of an existing jurisdictional stream will be relocated for the construction of the detour alignment. The relocated channel will be stabilized with coir fiber matting on the banks and reforested with live stakes prior to completion of project. No deck drains will be used on the proposed or detour structure, reducing adverse stream impacts associated with direct roadway runoff. Additional measures implemented to reduce impacts to stream and surrounding wetlands include; maintaining existing drainage patterns, utilizing 2:1 fill slopes in areas with guardrail, utilizing 3:1 fill slopes in areas without guardrail, discharging stormwater as far away from the stream and wetlands as practicable. Further, rip rap is used at drainage outlets to dissipate energy and reduce erosion.</p>							

Waterbody Information

Surface Water Body (1):	Driving Creek		NCDWR Stream Index No.:	15-7-1			
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C				
	Supplemental Classification:		Swamp Waters (Sw)				
Other Stream Classification:	None						
Impairments:	None						
Aquatic T&E Species?	Comments:						
NRTR Stream ID:							
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	No	Buffer Rules in Effect:	N/A		
Deck Drains Discharge Over Water Body?	No	(If yes, provide justification in the General Project Narrative)		Dissipator Pads Provided in Buffer?			
(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)			

Submitted 6/3/2021

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERMIT DRAWING
SHEET 1 OF 14
DATE: 03-11-2021

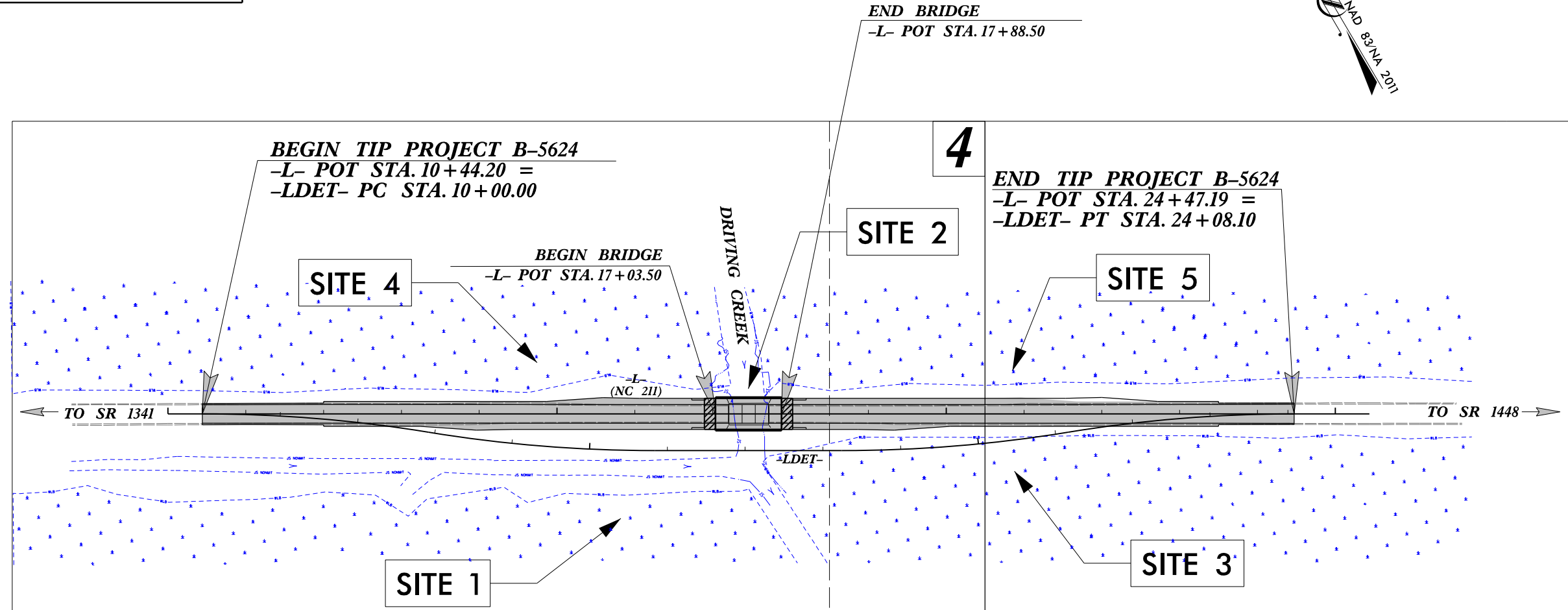
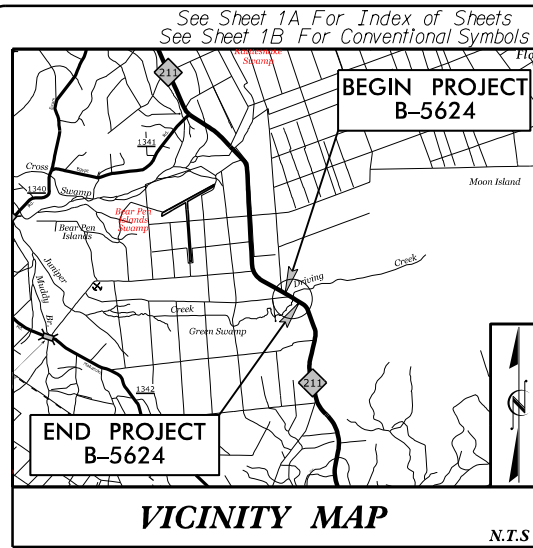
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N.C.	B-5624	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45579.1.1	N/A	PE	
45579.2.1	N/A	UTIL./ROW	

BRUNSWICK COUNTY

LOCATION: REPLACE BRIDGE NO. 57 OVER DRIVING CREEK
ON NC 211 (GREEN SWAMP ROAD NW)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

TIP PROJECT: B-5624

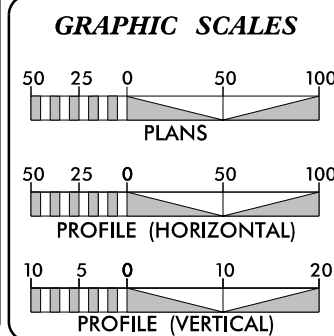


WETLAND AND SURFACE WATER IMPACTS PERMIT

CLEARING AND GRUBBING ON THIS PROJECT SHALL BE TO THE LIMITS ESTABLISHED BY MODIFIED METHOD III.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT:



DESIGN DATA

ADT 2021 =	1,971
ADT 2040 =	3,000
K =	9 %
D =	55 %
T =	15 % *
V =	60 MPH
* TTST = 9% DUAL 6%	
FUNC CLASS =	
MAJOR COLLECTOR	
REGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5624 =	0.250 MILES
LENGTH STRUCTURE TIP PROJECT B-5624 =	0.016 MILES
TOTAL LENGTH TIP PROJECT B-5624 =	0.266 MILES

Prepared in the Office of:
CDM Smith
CDM Smith Inc.
5400 Glenwood Avenue
Suite 400
Raleigh, NC 27612-3228
NC COA No. F-1255

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
DECEMBER 18, 2020

LETTING DATE:
JULY 20, 2021

ADAM M. CONRAD, P.E.
PROJECT ENGINEER

MONIQUE N. GYANT, E.I.
PROJECT DESIGN ENGINEER

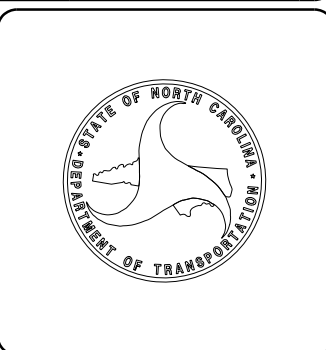
DAVID STUTTS, P.E.
NCDOT CONTACT

HYDRAULICS ENGINEER

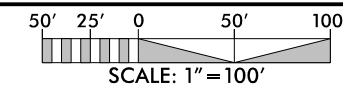
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ROADWAY DESIGN ENGINEER

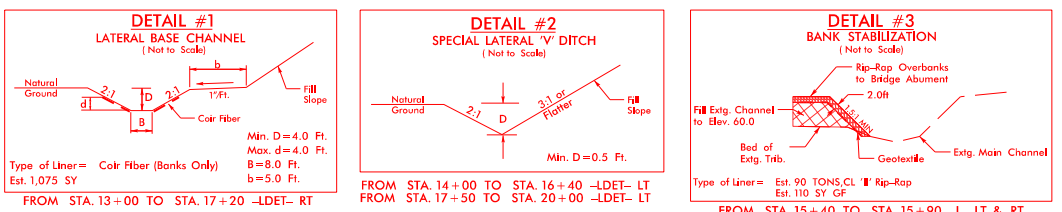
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\$\$\$\$\$\$ SYSTEM \$\$\$\$\$\$ DGN \$\$\$\$\$\$ USERNAME \$\$\$\$\$\$



PROJECT REFERENCE NO. B-5624	SHEET NO. 2B-1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith CDM Smith Inc. 4401 Greenwood Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255	SUNGATE DESIGN GROUP, P.A. 501 JONES PARKWAY ROAD Raleigh, NC 27612-1000 NC CDA No. C24889

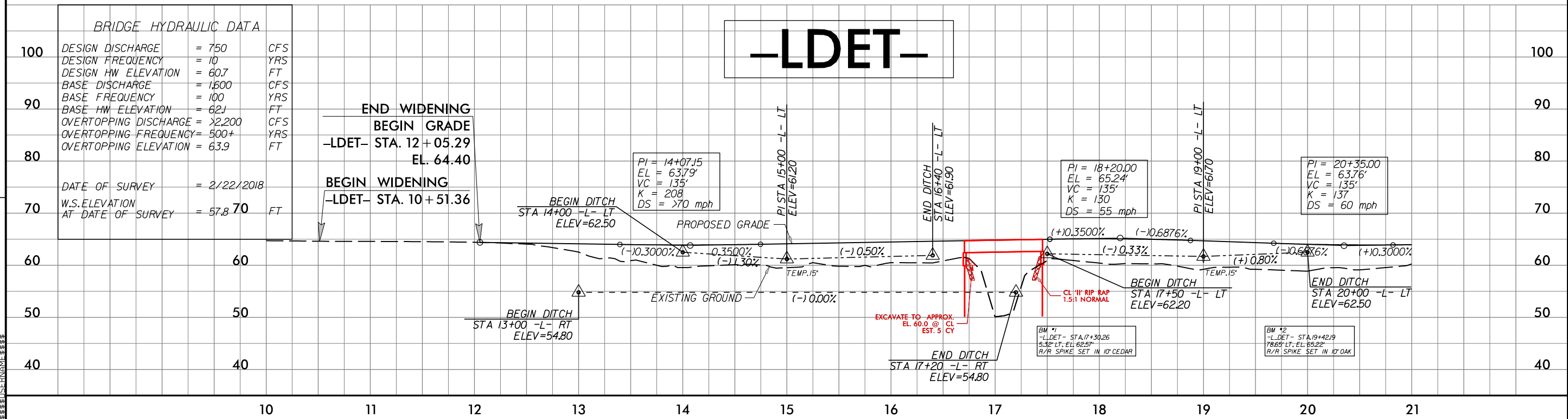
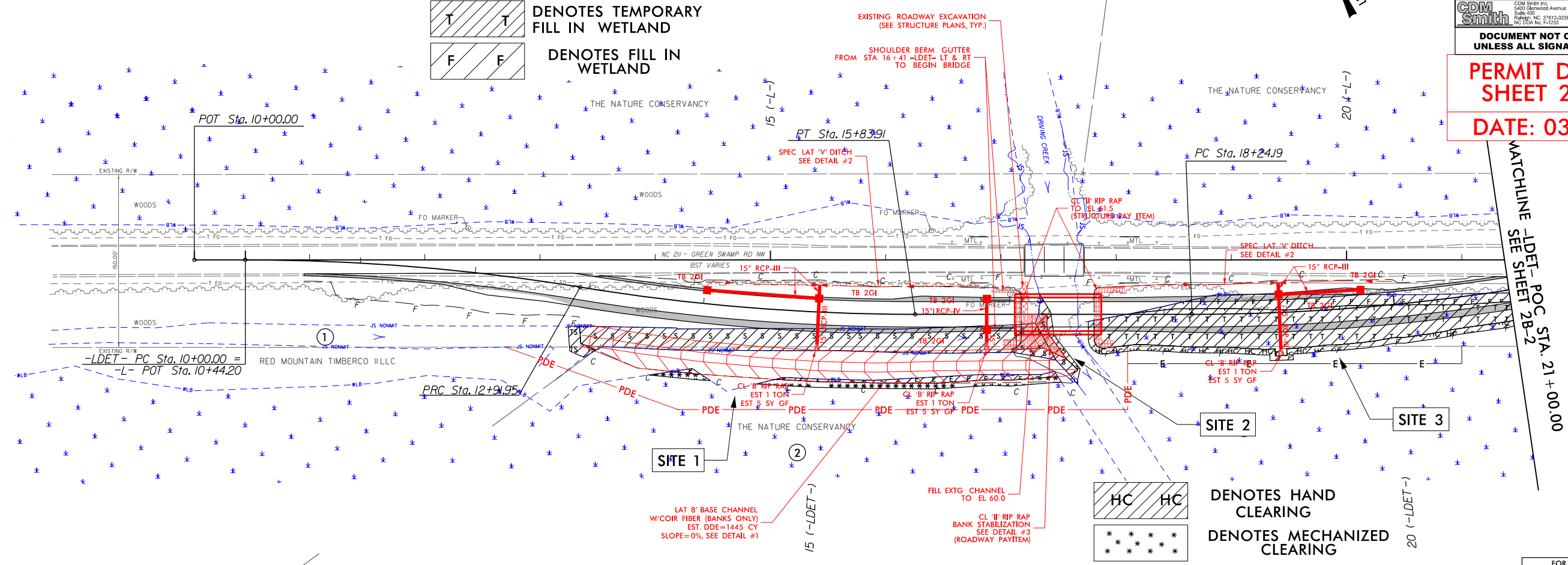


S S DENOTES IMPACTS IN SURFACE WATER
TS TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER
E E DENOTES EXCAVATION IN WETLAND

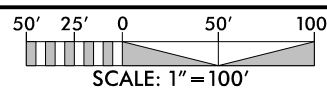
T T DENOTES TEMPORARY FILL IN WETLAND
F F DENOTES FILL IN WETLAND

HC HC DENOTES HAND CLEARING
***** DENOTES MECHANIZED CLEARING

PERMIT DRAWING
SHEET 2 OF 14
DATE: 03-11-2021



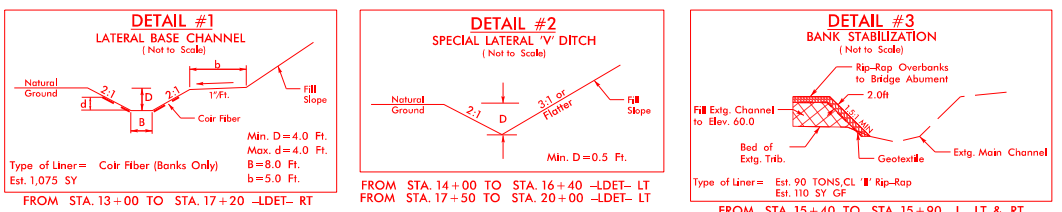
FOR -L- SEE SHEET NO. 4



PROJECT REFERENCE NO. B-5624	SHEET NO. 2B-1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith	SUNGATE DESIGN GROUP, P.A.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

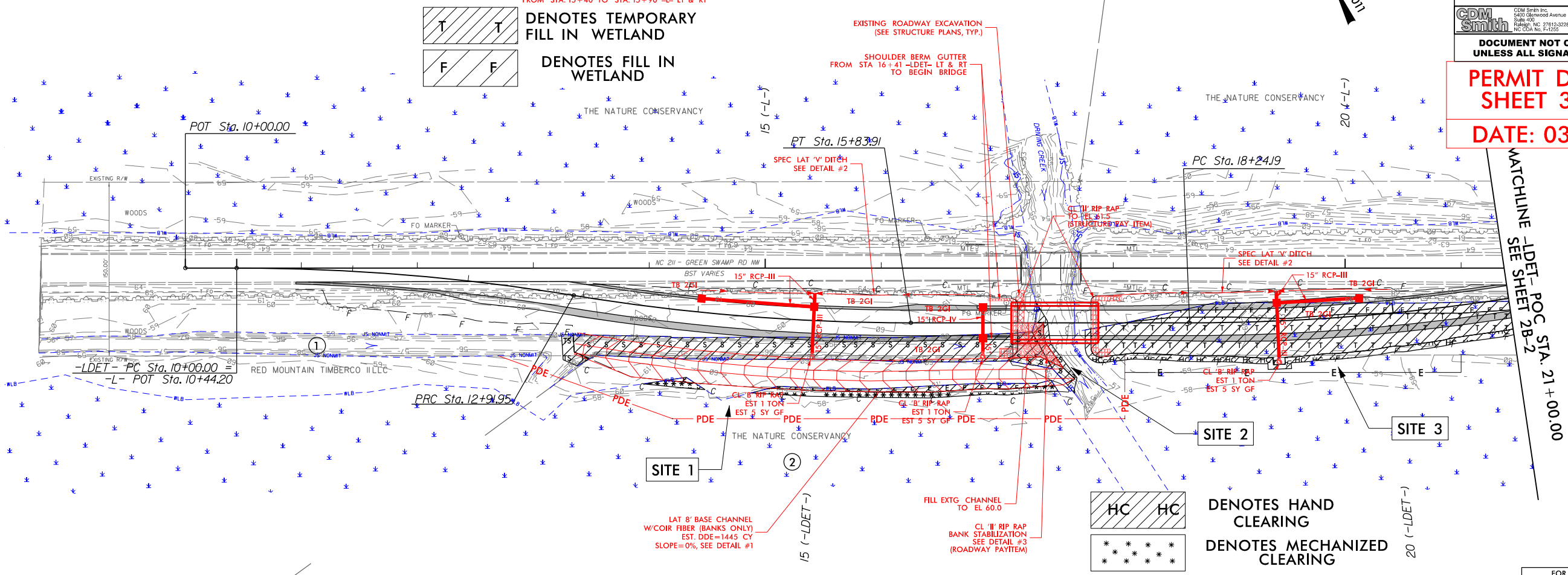
PERMIT DRAWING
SHEET 3 OF 14
DATE: 03-11-2021



S S DENOTES IMPACTS IN SURFACE WATER
TS TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER
E E DENOTES EXCAVATION IN WETLAND

T T DENOTES TEMPORARY FILL IN WETLAND
F F DENOTES FILL IN WETLAND

HC HC DENOTES HAND CLEARING
***** DENOTES MECHANIZED CLEARING

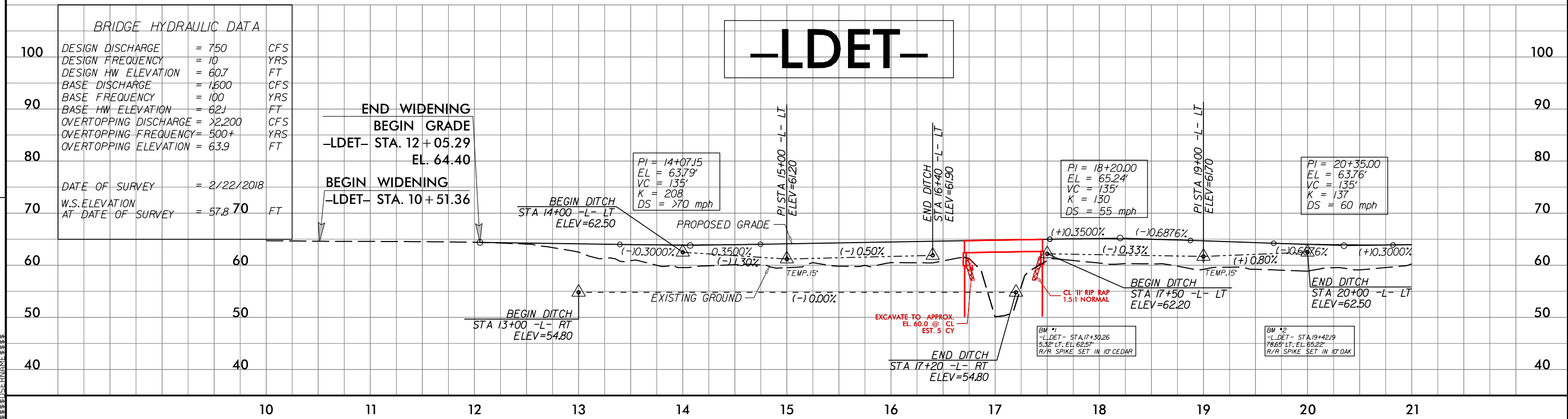


DESIGN DISCHARGE	= 750	CFS
DESIGN FREQUENCY	= 10	YRS
DESIGN HW ELEVATION	= 60.7	FT
BASE DISCHARGE	= 1,600	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 62.1	FT
OVERTOPPING DISCHARGE	= >2,200	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 63.9	FT
DATE OF SURVEY	= 2/22/2018	
W.S. ELEVATION AT DATE OF SURVEY	= 57.8	70 FT

END WIDENING
BEGIN GRADE
 -LDET- STA. 12+05.29
 EL. 64.40

BEGIN WIDENING
 -LDET- STA. 10+51.36

-LDET-



FOR -L- SEE SHEET NO. 4

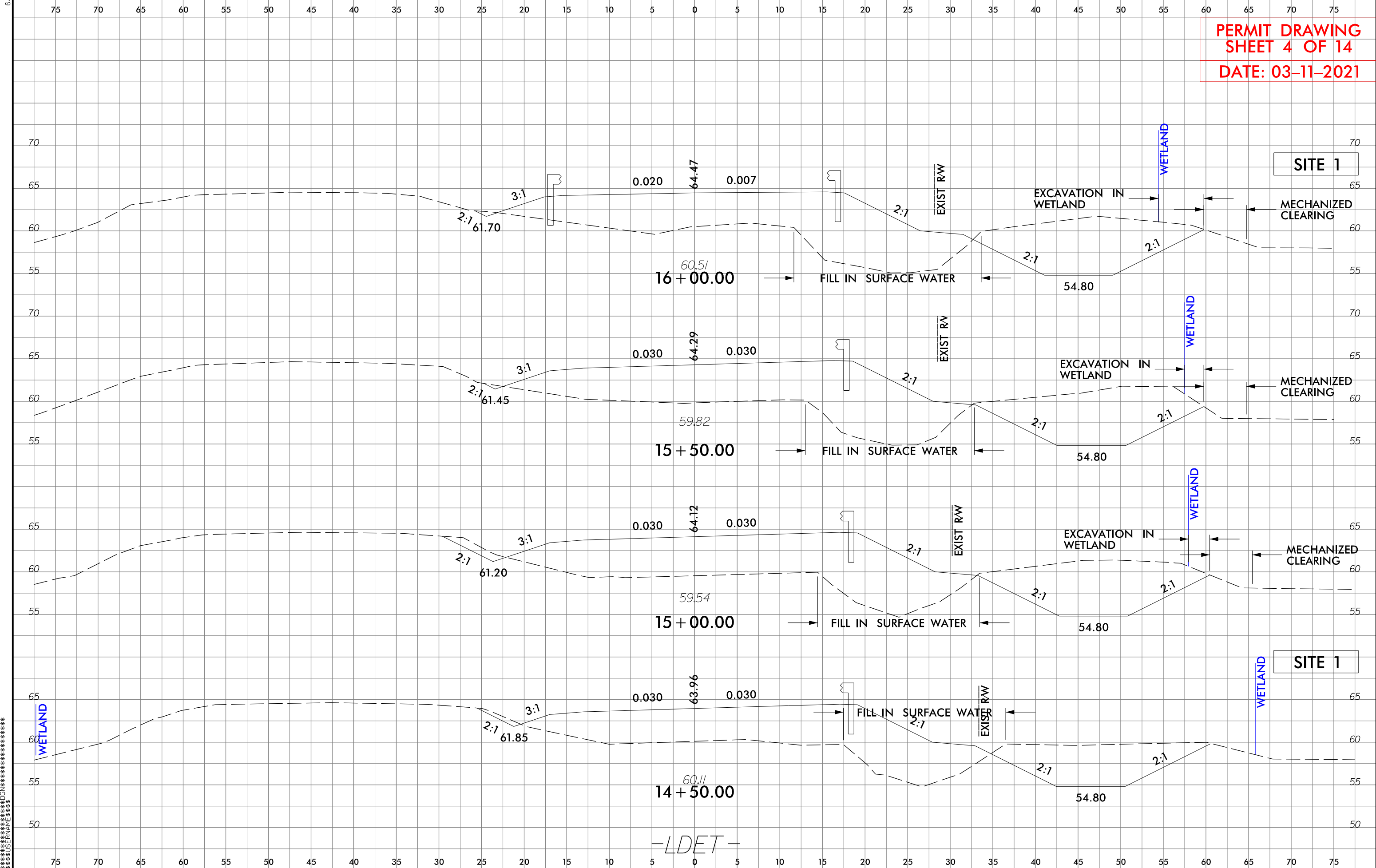
REVISIONS

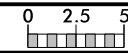
B.17/99



PROJ. REFERENCE NO. B-5624	SHEET NO. X-12
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SHEET 4 OF 14
DATE: 03-11-2021

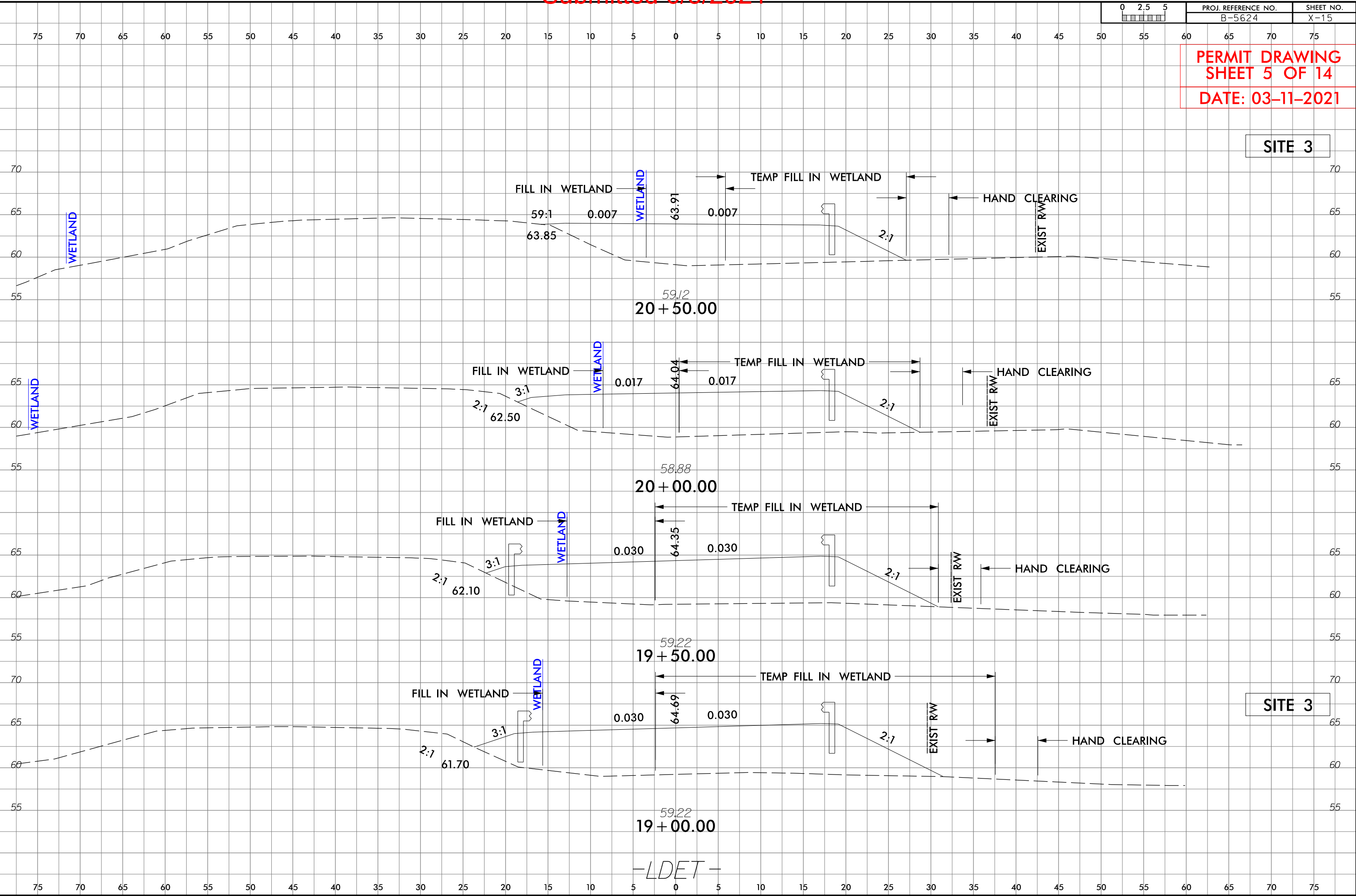




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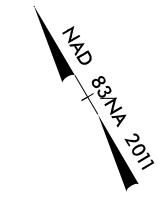
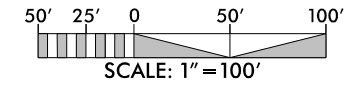
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SHEET 5 OF 14
DATE: 03-11-2021


SITE 3





-LDET-



SYSTEMS TIME SENSITIVE DOCUMENT



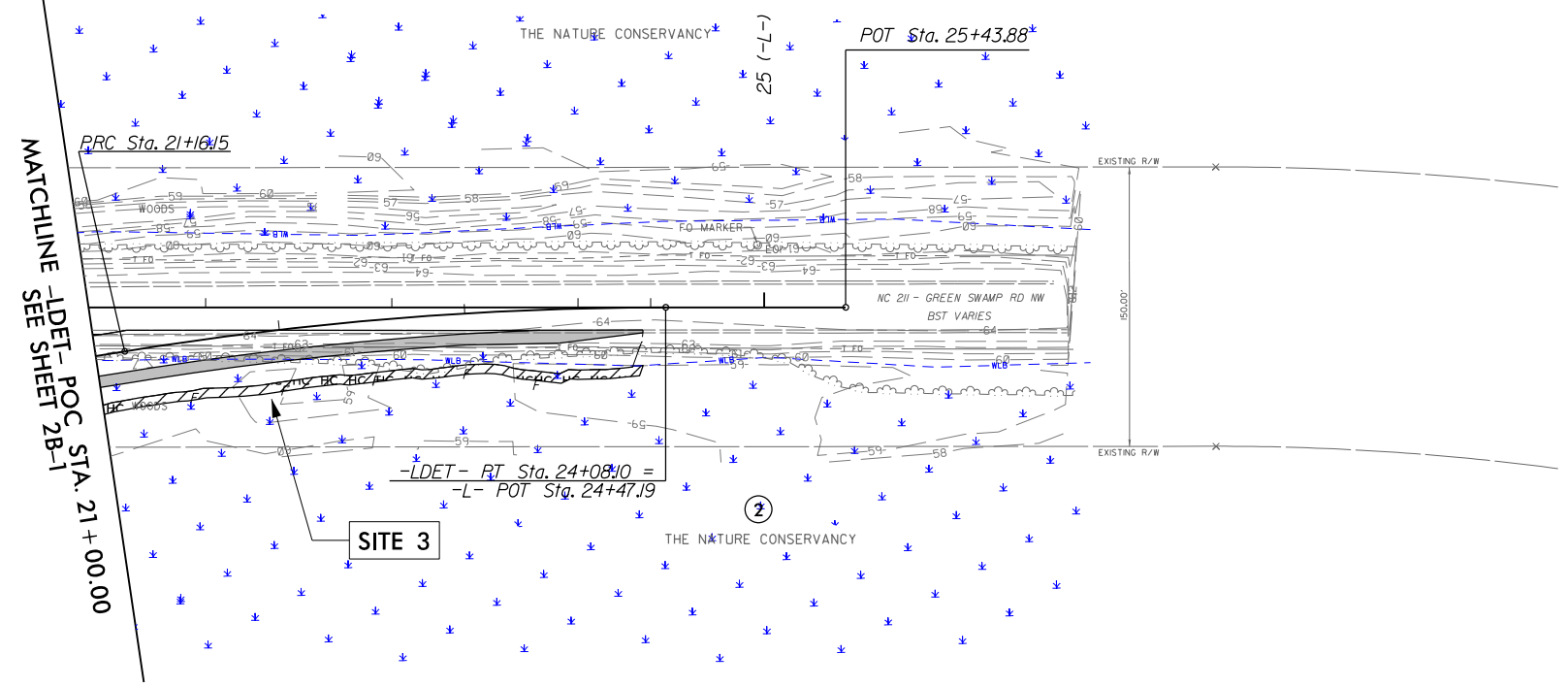
 DENOTES TEMPORARY FILL IN WETLAND

 DENOTES FILL IN WETLAND

 DENOTES HAND CLEARING

PROJECT REFERENCE NO. B-5624	SHEET NO. 2B-2
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
 <small>CDM Smith Inc. 5401 Glenwood Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255</small>	 <small>SUNGATE DESIGN GROUP, P.A. 501 JONES PARKWAY, SUITE 200 RALEIGH, NORTH CAROLINA 27609 NC CDA No. G28820</small>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

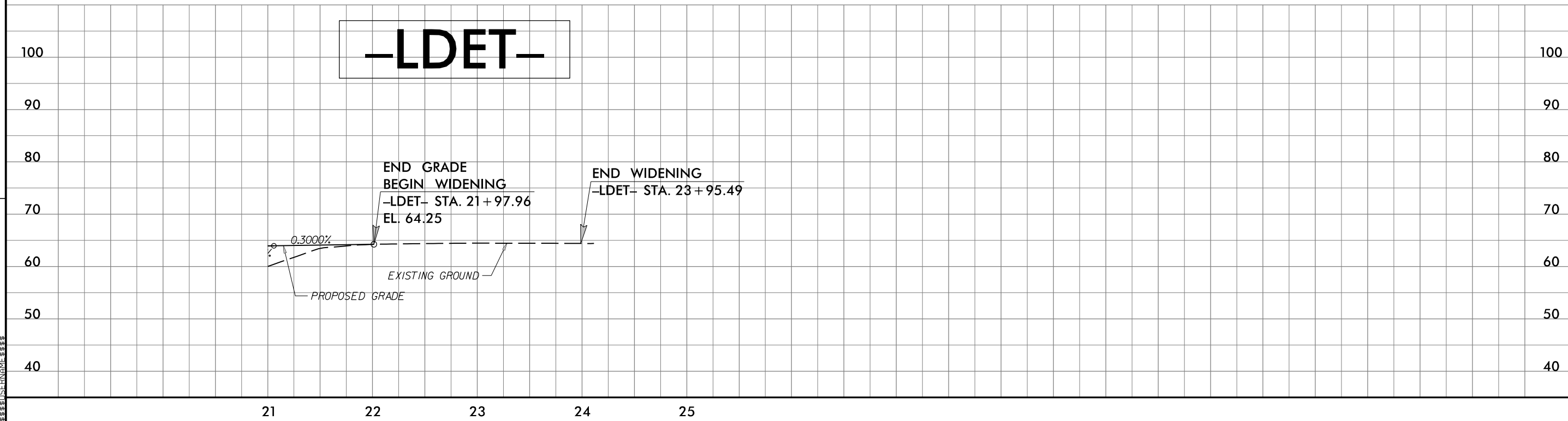
PERMIT DRAWING
SHEET 7 OF 14
DATE: 03-11-2021



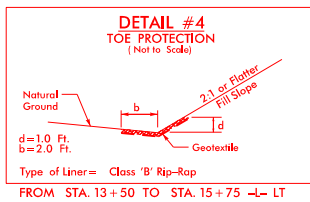
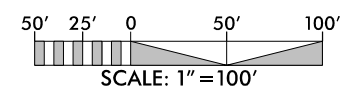
REVISIONS

FOR -L- SEE SHEET NO. 5

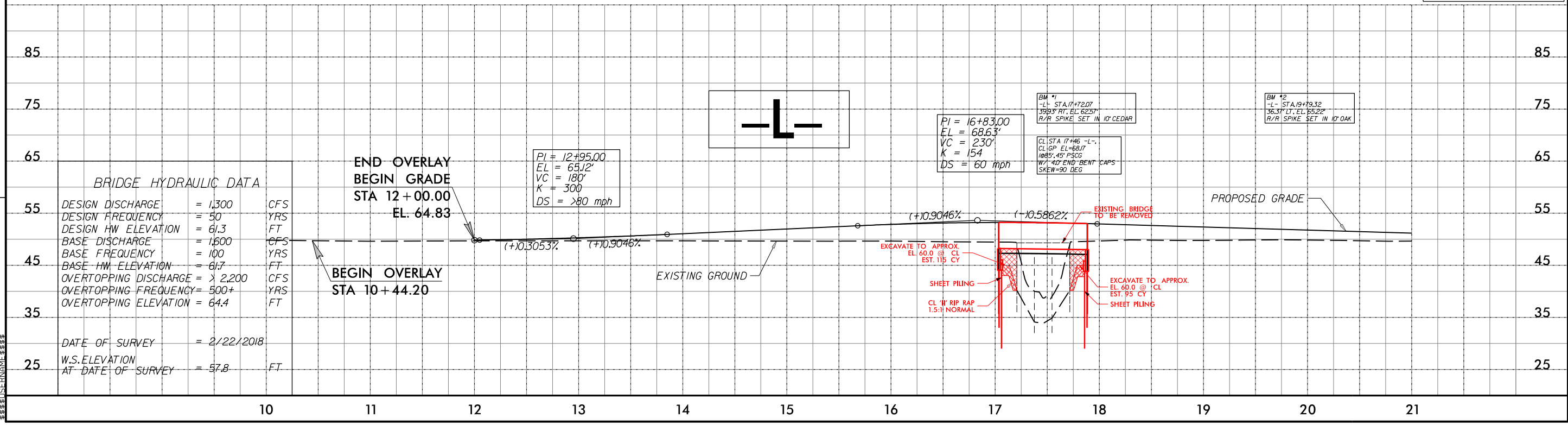
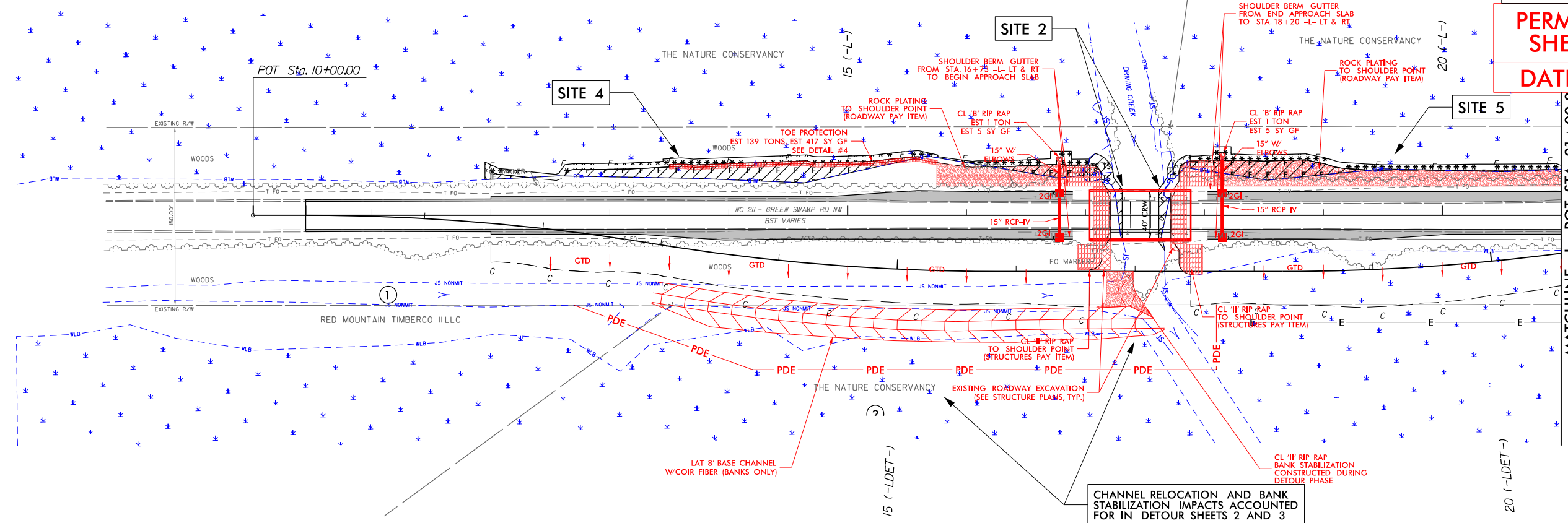
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PROJECT REFERENCE NO. B-5624	SHEET NO. 4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith CDM Smith Inc. 4401 Greenwood Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255	SUNGATE DESIGN GROUP, P.A. 101 JONES PARKWAY, SUITE 200 RALEIGH, NORTH CAROLINA 27615 NC CDA No. G-08870
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING

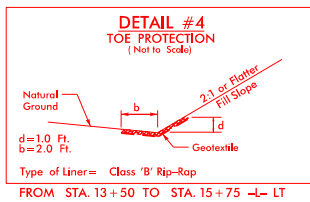
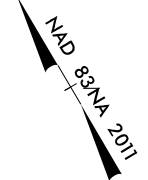
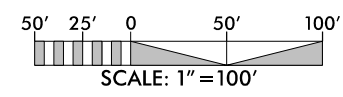


REVISIONS

BRIDGE APPROACH SLAB
FOR -LDET- SEE SHEET NO. 2B-1

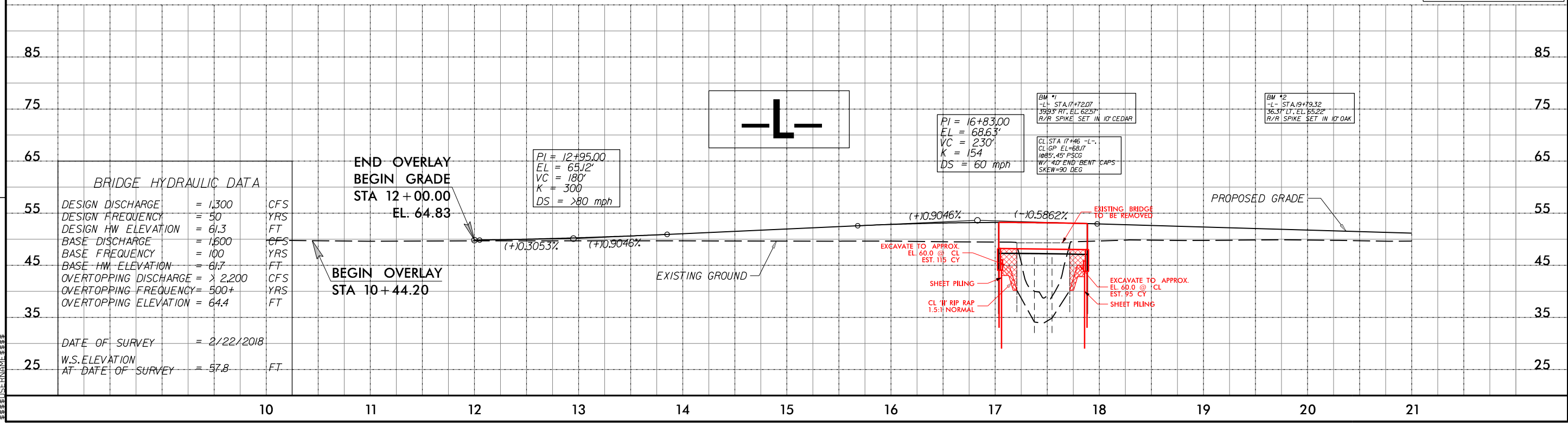
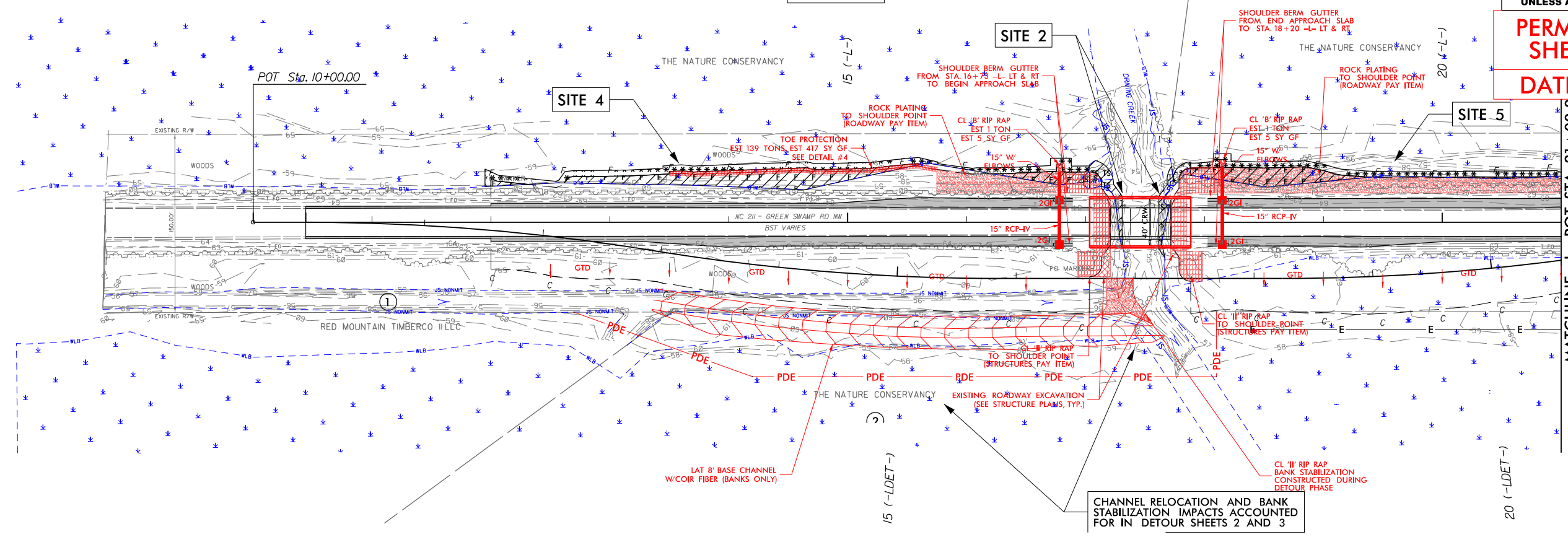
PERMIT DRAWING
SHEET 8 OF 14
DATE: 03-11-2021

PROJECT REFERENCE NO. B-5624	SHEET NO. 4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith CDM Smith Inc. 5401 Greenwood Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255	SUNGATE DESIGN GROUP, P.A. 101 JONES PARKWAY, SUITE 200 RALEIGH, NORTH CAROLINA 27615 NC CDA No. G24859
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

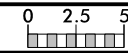


- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING

PERMIT DRAWING
SHEET 9 OF 14
DATE: 03-11-2021

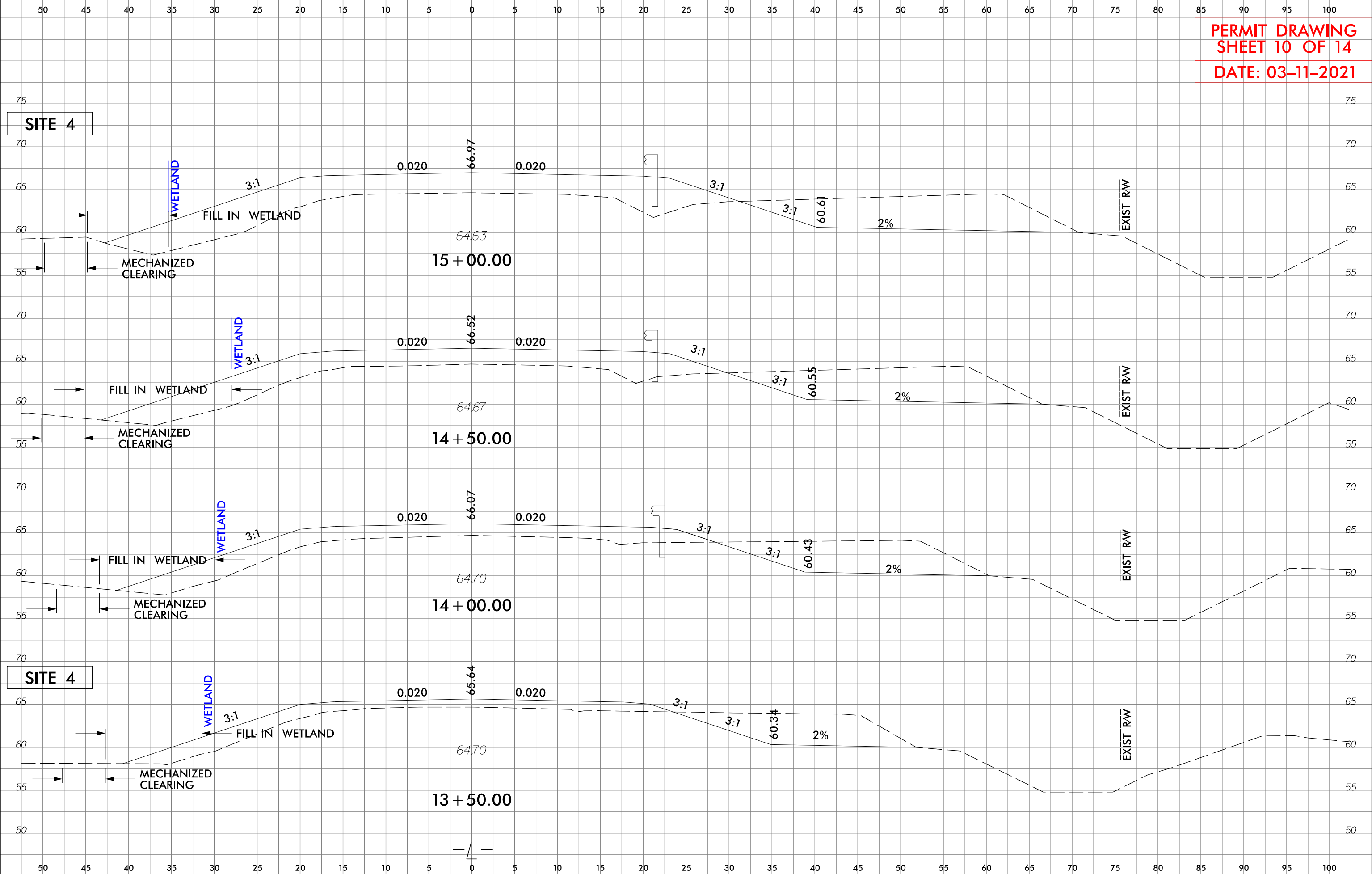


REVISIONS

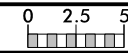


PROJ. REFERENCE NO. B-5624	SHEET NO. X-3
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PERMIT DRAWING
SHEET 10 OF 14
DATE: 03-11-2021



***** SYSTEMS *****
***** CONSULTING *****
***** ENGINEERS *****

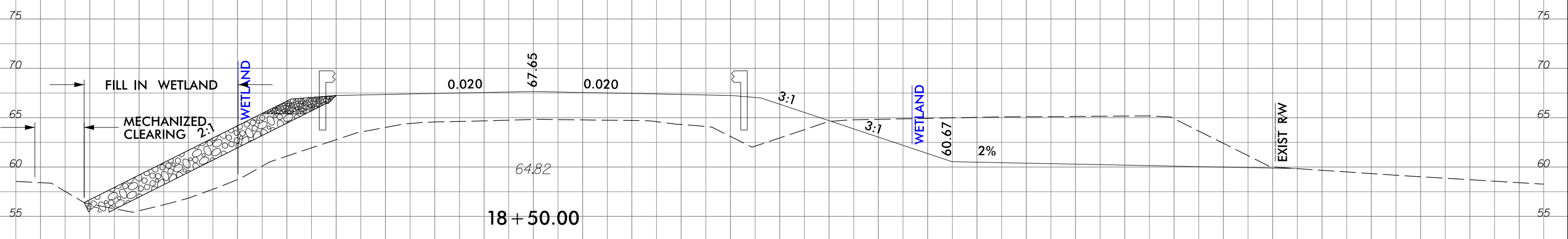
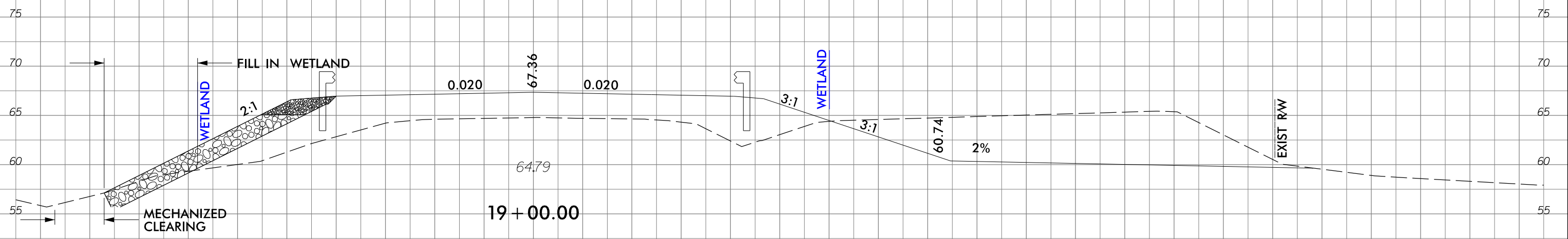


PROJ. REFERENCE NO. B-5624	SHEET NO. X-6
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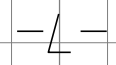
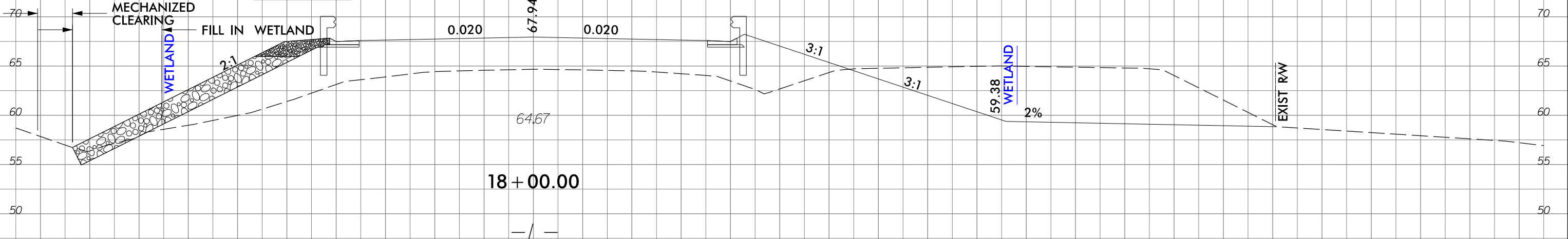
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PERMIT DRAWING
SHEET 11 OF 14
DATE: 03-11-2021

SITE 5

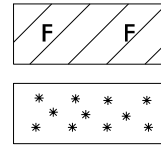


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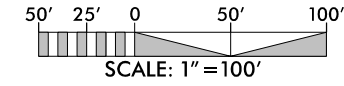
SYSTEMS TIME S&S DESIGN

8.17/99



DENOTES FILL IN WETLAND

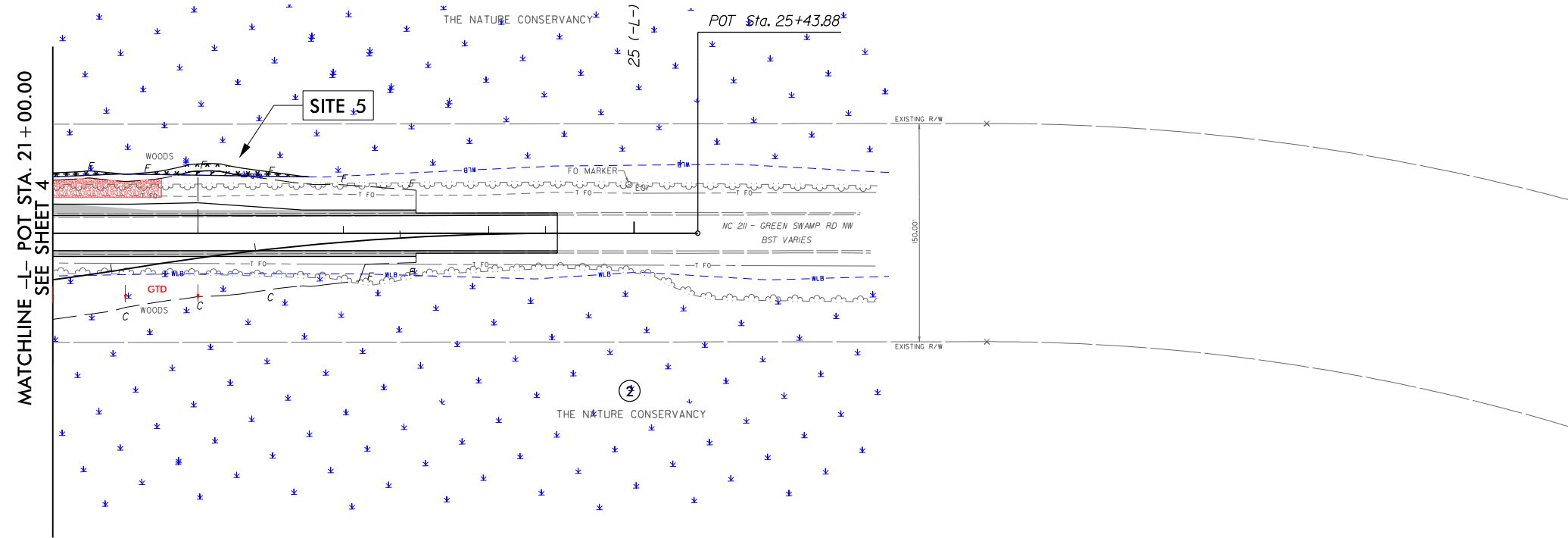
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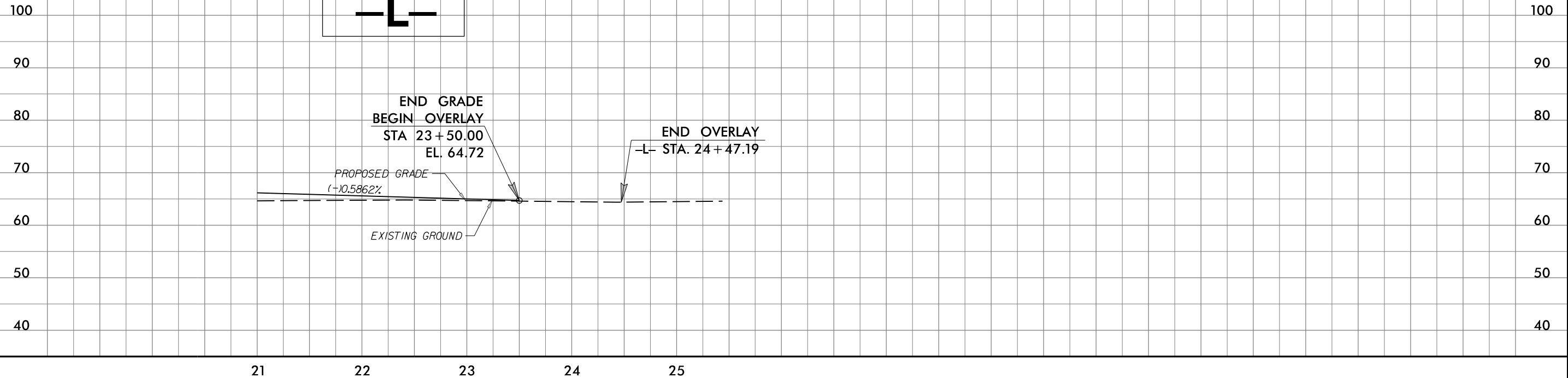
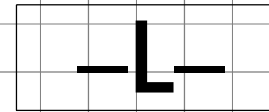
PROJECT REFERENCE NO. <i>B-5624</i>	SHEET NO. <i>5</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith Inc. 5425 Greenway Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255	SUNGATE DESIGN GROUP, P.A. 101 JONES PARKWAY, SUITE 200 RALEIGH, NORTH CAROLINA 27615 NC CDA No. G28859

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PERMIT DRAWING
SHEET 12 OF 14
DATE: 03-11-2021

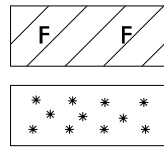


FOR -LDET- SEE SHEET NO. 2B-2

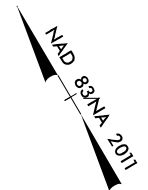
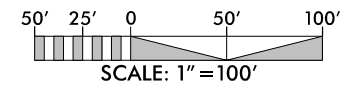


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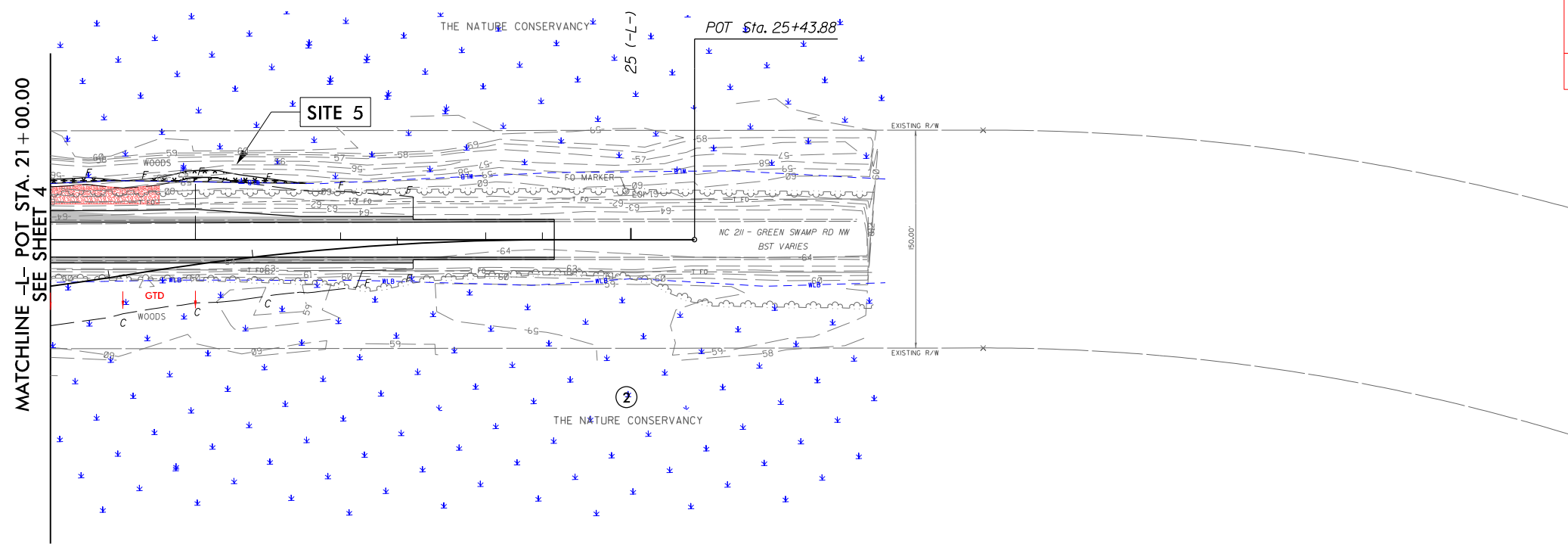


DENOTES FILL IN WETLAND
DENOTES MECHANIZED CLEARING



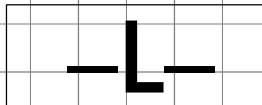
PROJECT REFERENCE NO. B-5624	SHEET NO. 5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith Inc. 5425 Greenway Avenue Suite 400 Raleigh, NC 27612-3229 NC CDA No. F-1255	SUNGATE DESIGN GROUP, P.A. 101 JONES PARKWAY, SUITE 200 Raleigh, North Carolina 27615 NC CDA No. C24852
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PERMIT DRAWING
SHEET 13 OF 14
DATE: 03-11-2021



MATCHLINE -L- POT STA. 21 + 00.00
SEE SHEET 4

FOR -LDET- SEE SHEET NO. 2B-2



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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	12+87 to 14+14-LDET-RT	ROADWAY FILL			0.02	0.03		0.18	< 0.01			
2	16+72 to 18+02-LDET-RT	ROADWAY FILL						< 0.01	< 0.01	25	31	
	17+88 to 17+98-LDET-RT	BANK STABILIZATION								43		
	17+04 to 17+89-L-	BRIDGE	< 0.01			< 0.01		< 0.01	0.02		85	
3	17+34 to 23+96-LDET-RT	ROADWAY FILL	0.11	0.27			0.08					
4	11+95 to 17+04-L-LT	ROADWAY FILL	0.08			0.06		< 0.01				
5	17+89 to 22+76-L-LT	ROADWAY FILL	0.04			0.05						
TOTALS*:			0.23	0.27	0.02	0.14	0.08	0.18	0.03	68	116	0

*Rounded totals are sum of actual impacts

NOTES:

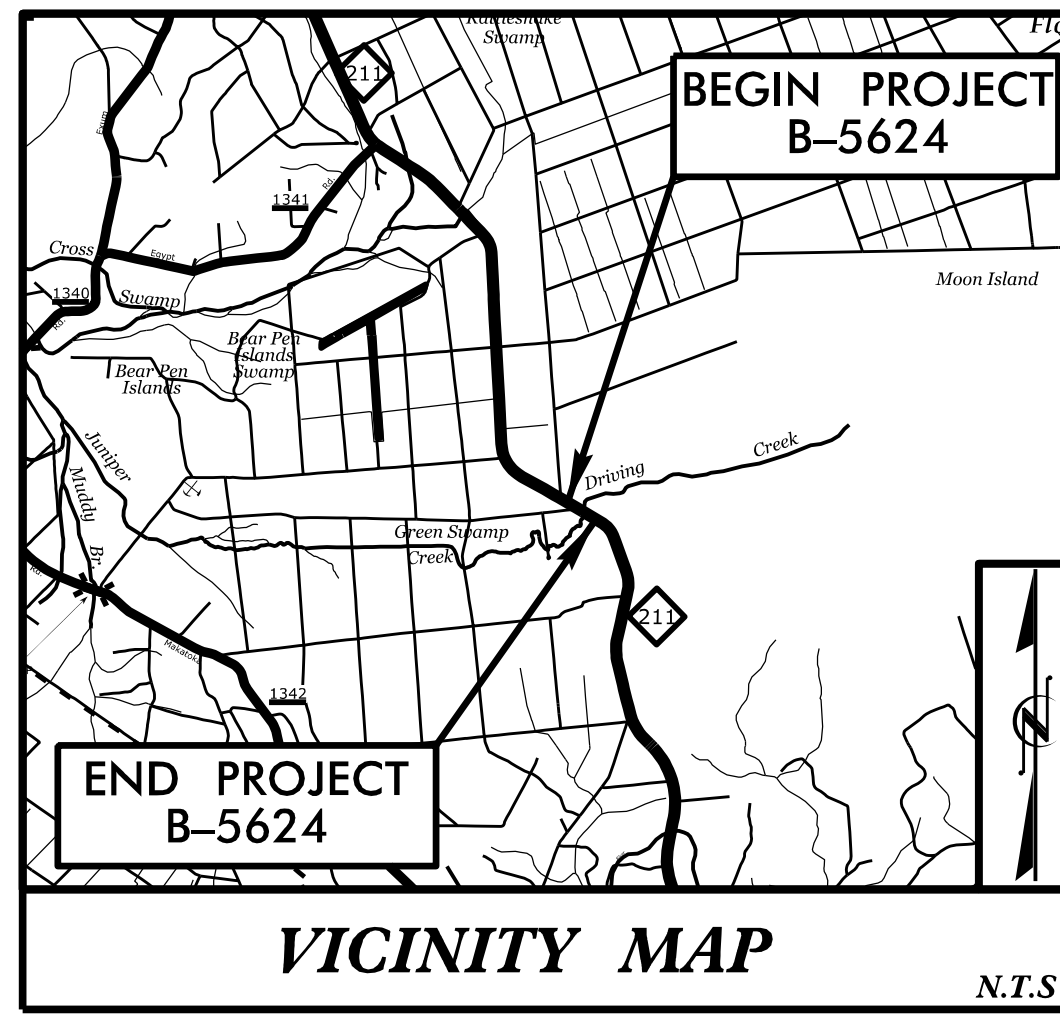
-Site 1: JS Non-Mit

-0.03 acre of temporary fill will be needed in the hand clearing areas for erosion control measures.

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 3/11/2021
 BRUNSWICK COUNTY
 B-5624
 45579.2.1

09/08/99

TIP PROJECT: B-5624



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
BRUNSWICK COUNTY**

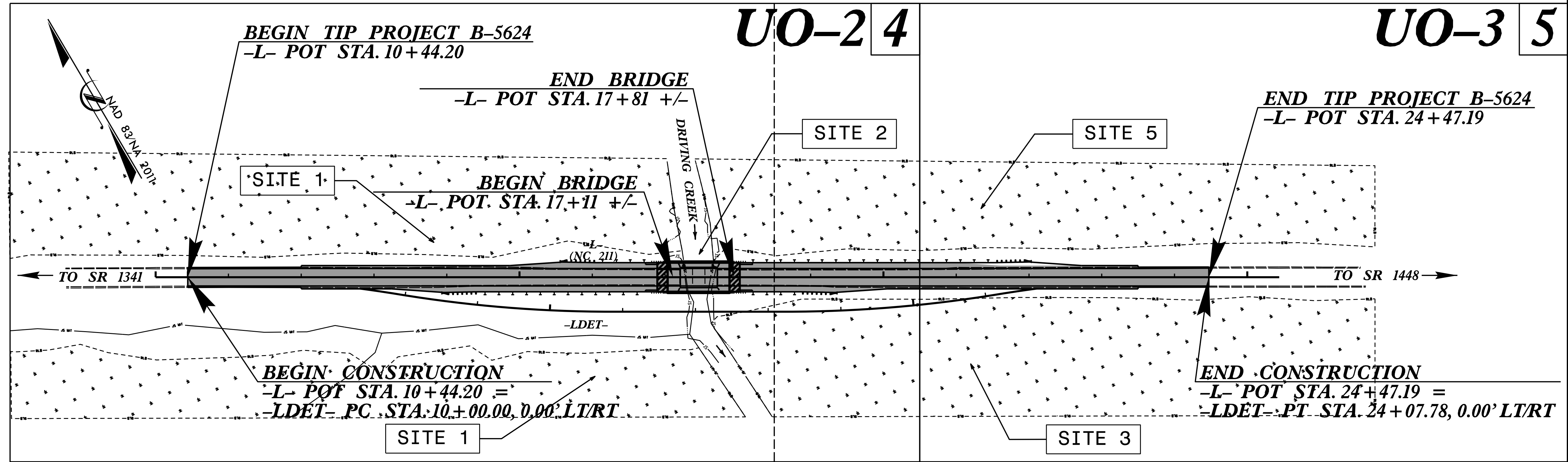
LOCATION: REPLACE BRIDGE NO.57 OVER DRIVING CREEK
ON NC211 (GREEN SWAMP ROAD NW)

TYPE OF WORK: RELOCATION OF COMMUNICATION LINES

PERMIT DRAWING
SHEET 1 OF 4
DATE: 3-11-2021

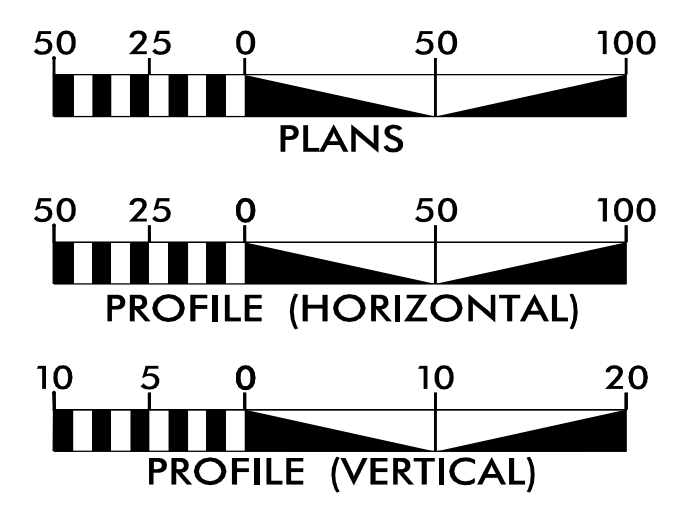
T.I.P. NO.	SHEET NO.
B-5624	UO-1

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.



WETLAND AND SURFACE WATER IMPACTS PERMIT

GRAPHIC SCALES



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-02 THRU UO-03	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

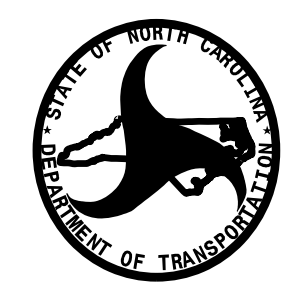
- (A) AT&T - COMMUNICATIONS
- (B) ATMC - COMMUNICATIONS
- (C) MCNC - COMMUNICATIONS

PREPARED IN THE OFFICE OF:



FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Freddie Bunn UTILITY PROJECT MANAGER
Matthew Ward PROJECT UTILITY COORDINATOR



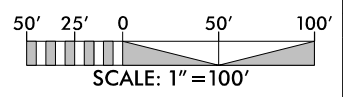
DIVISION OF HIGHWAYS
UTILITIES UNIT
1020 BIRCH RIDGE DR
RALEIGH NC 27610
PHONE (919) 707-6690
FAX (919) 250-4151

Bo Hemphill, PE EASTERN UTILITIES MANAGER
Kelvin Martin, EI SENIOR UTILITIES ENGINEER
Larry M. James, Jr. SENIOR UTILITY COORDINATOR

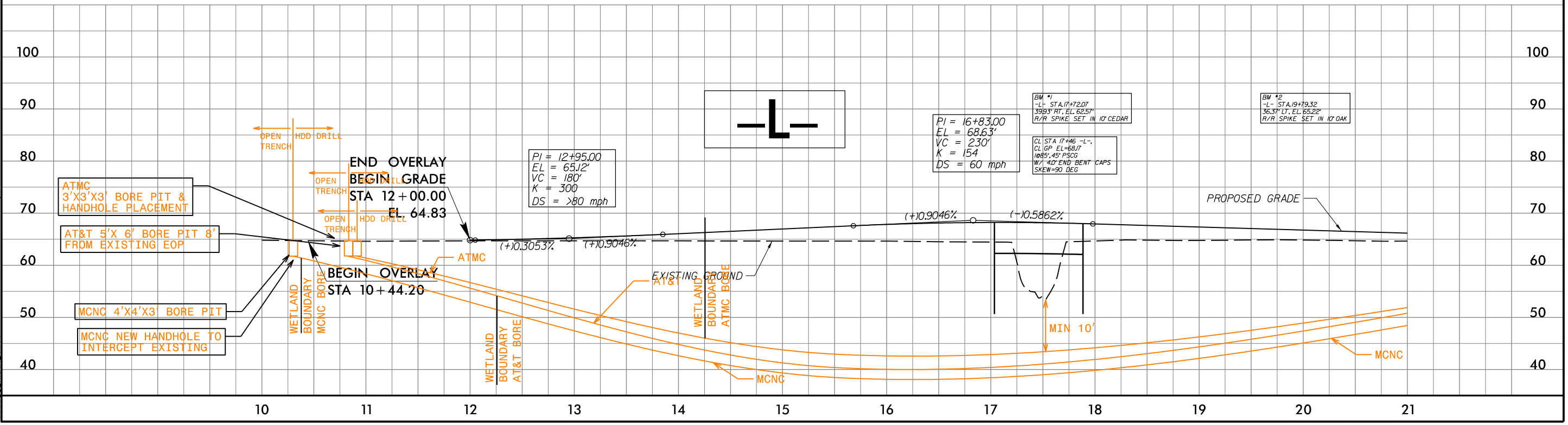
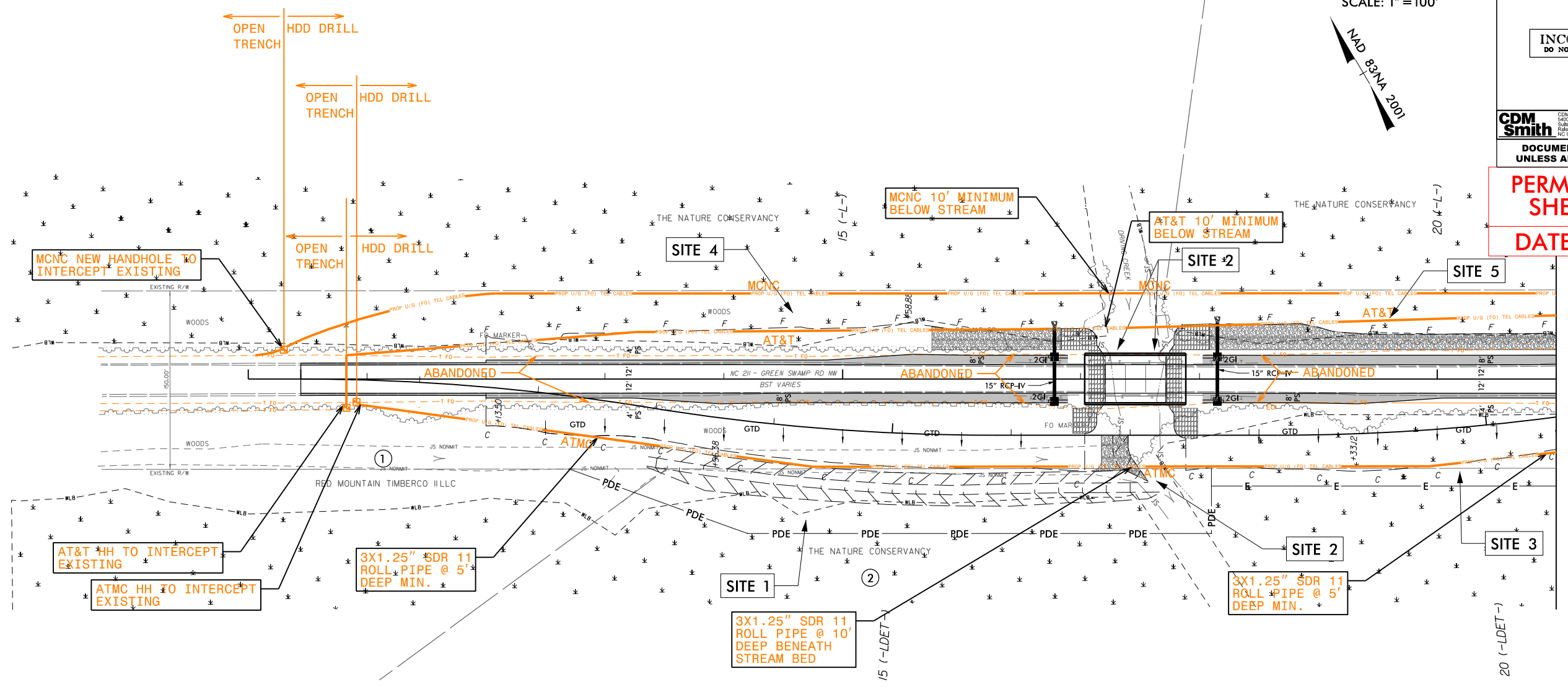
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\$\$\$\$\$ DDMMYY\$\$\$\$\$
\$\$\$\$\$ USERNAME\$\$\$\$\$

8/17/99

PROJECT REFERENCE NO. B-5624	SHEET NO. UO-2
RW SHEET NO. 04	ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER	INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION
CDM Smith	SUNGATE DESIGN GROUP P.A.
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



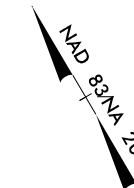
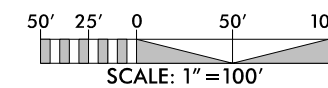
PERMIT DRAWING
SHEET 2 OF 4
DATE: 03-11-2021



REVISIONS

BRIDGE APPROACH SLAB FOR -LDET- SEE SHEET NO. 2B-1

8/17/99



PROJECT REFERENCE NO. B-5624	SHEET NO. U03
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
CDM Smith <small>CDM Smith Inc. 6402 Greenwood Avenue Suite 400 Raleigh, NC 27615 NC CDA No. F-1255</small>	SUNGATE DESIGN GROUP, P.A. <small>115 JONES FINCHBARK ROAD HILLSBORO, NC 27541 NC CDA No. C-2880</small>

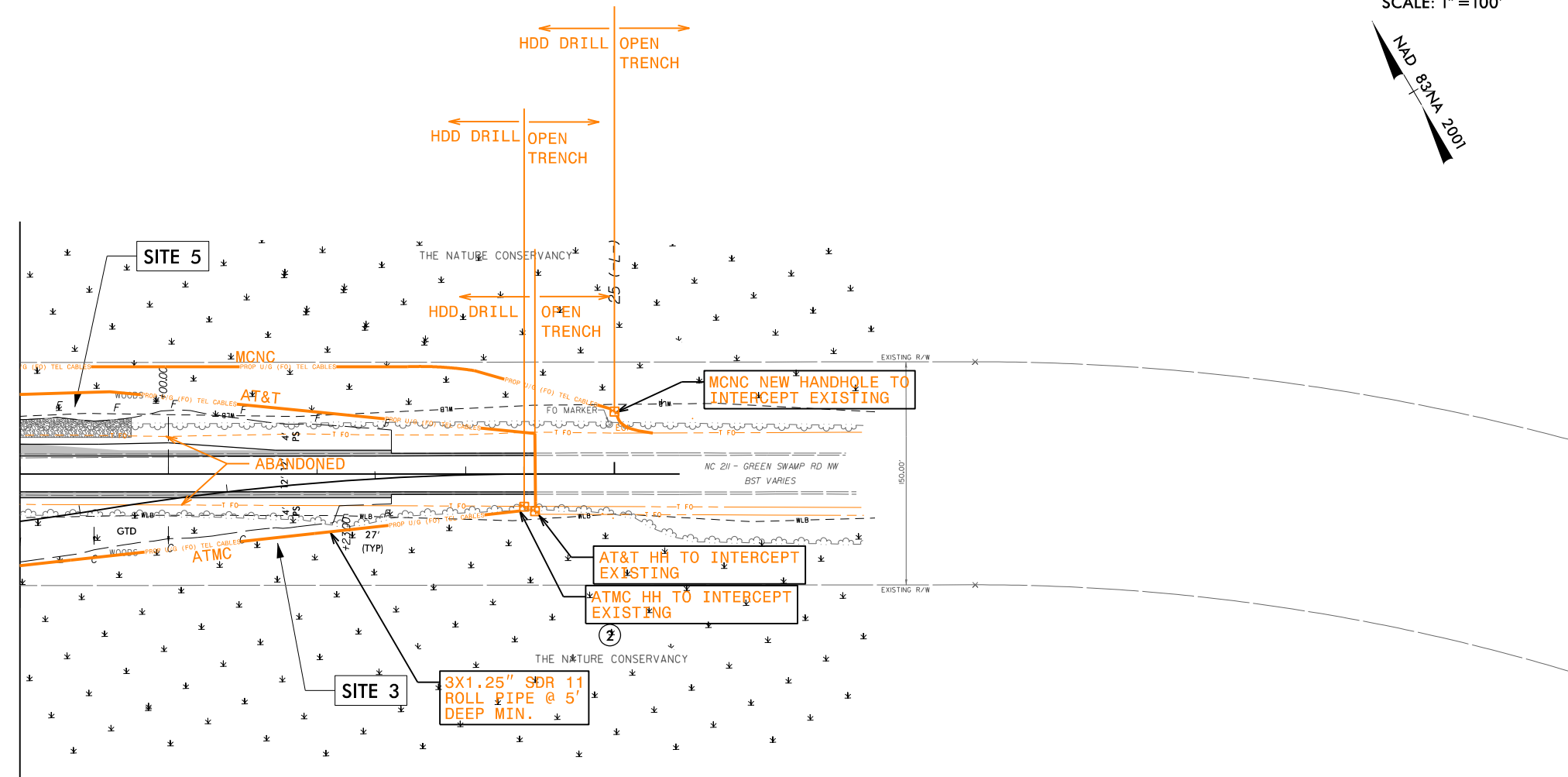
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

**PERMIT DRAWING
SHEET 3 OF 4**

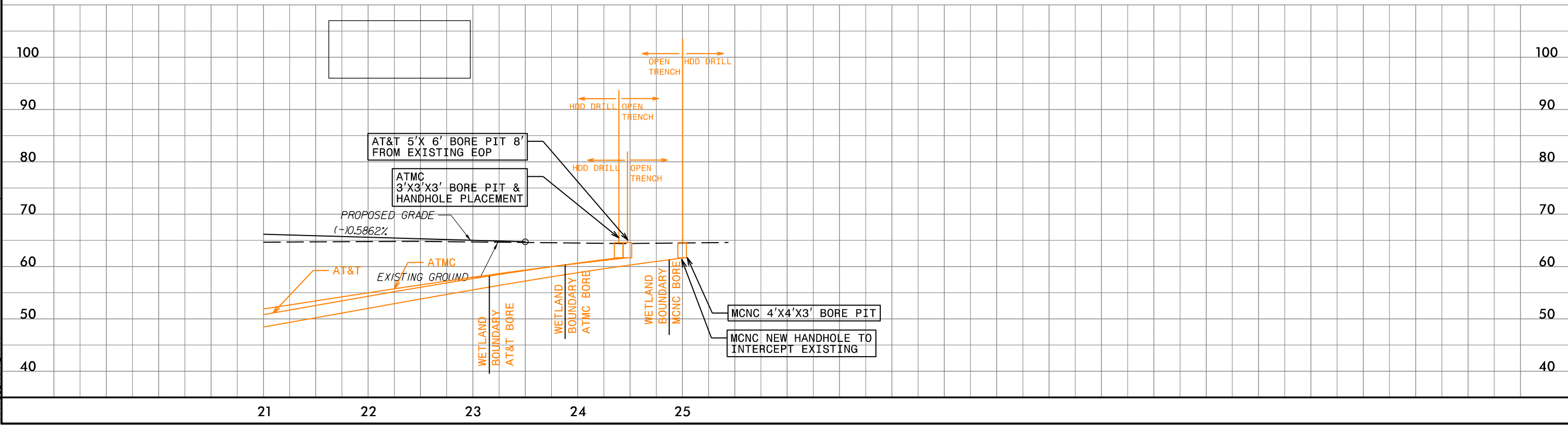
DATE: 03-11-2021

REVISIONS

MATCHLINE -L- POT STA. 21 + 00.00
SEE SHEET U04



FOR -LDET- SEE SHEET NO. 28-2



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B-5624 NEU ENVIRONMENTAL PERMIT NARRATIVE

AT&T (Telephone): AT&T has an U/G fiber optic cable is in conflict throughout the project along the (North side) of NC 211 (Green Swamp Road). AT&T is encroaching within the NCDOT R/W.

AT&T will place a new U/G conduit (fiber optic) cable that follows along the (North side) of NC 211 (Green Swamp Road) inside the NCDOT R/W by directional bore and trenching. New cables will tie back into existing lines by placing two new handholes at the bore pit locations. Handhole locations are at -L- Sta. 10+82 +/- and -L- Sta. 24+39 +/- . This bore will produce no permanent impacts to the wetlands. All stations are approximate in this report. Contact: Mr. Yuri Moody; Email yuri.moody@genxcgroup.com, Phone 786-519-4809.

ATMC (Telephone): ATMC has an U/G fiber optic cable is in conflict throughout the project along the (South side) of NC 211 (Green Swamp Road). ATMC is encroaching within the NCDOT R/W.

ATMC will place a new U/G conduit (fiber optic) cable that follows along the (South side) of NC 211 (Green Swamp Road) inside the NCDOT R/W by directional bore and trenching. New cables will tie back into existing lines by placing two new handholes at the bore pit locations. Handhole locations are at -L- Sta. 10+82 +/- and -L- Sta. 24+39 +/- . This bore will produce no permanent impacts to the wetlands. All stations are approximate in this report. Contact: Mr. Michael Barry; Email bmichael@atmc.com; Phone 910-755-1709.

MCNC (Telephone): MCNC has an U/G fiber optic cable is in conflict throughout the project along the (North side) of NC 211 (Green Swamp Road). MCNC is encroaching within the NCDOT R/W.

MCNC will place a new U/G conduit (fiber optic) cable that follows along the (North side) of NC 211 (Green Swamp Road) inside the NCDOT R/W by directional bore and trenching. New cables will tie back into existing lines by placing two new handholes at the bore pit locations. Handhole locations are at -L- Sta. 10+30 +/- and -L- Sta. 25+05 +/- . This bore will produce no permanent impacts to the wetlands. All stations are approximate in this report. Contact: Mr. Brett Boger; Email brettboger@telics.com Phone 336-692-6477.

Conclusion (Total Impacts due to Utilities):

Permanent Fill in Wetlands	0.00 acres
Hand Clearing in Wetlands	0.00 acres



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Raleigh ES Field Office
Post Office Box 33726
Raleigh, North Carolina 27636-3726

June 3, 2021

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

Dear Mr. Harris:

This letter is in response to your letter of May 28, 2021 which provided the U.S. Fish and Wildlife Service (Service) with the biological conclusion of the North Carolina Department of Transportation that the replacement of Bridge No. 57 on NC 211 over Driving Creek in Brunswick County (STIP No. B-5624) may affect, but is not likely to adversely affect the federally threatened wood stork (*Mycteria americana*). The following response is provided in accordance with Section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531-1543).

According to your submitted information, a survey for wood storks was conducted on May 26, 2021. No wood storks or nests were observed. Based on the survey results and other available information, the Service concurs with your conclusion that the proposed action may affect, but is not likely to adversely affect the wood stork. It is understood that additional surveys will be conducted for the federally endangered rough-leaved loosestrife (*Lysimachia asperulaefolia*) and Cooley's meadowrue (*Thalictrum cooleyi*) during the appropriate survey windows (mid-May – September and mid-June – early July, respectively) prior to project construction to reconfirm the “no effect” conclusions for those species.

With the exception of the additional plant surveys, we believe that the requirements of Section 7(a)(2) of the ESA have been satisfied. We remind you that obligations under Section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered in this review; (2) this action is subsequently modified in a manner that was not considered in this review; or (3) a new species is listed or critical habitat determined that may be affected by this identified action. If you have any questions regarding our response, please contact Mr. Gary Jordan at gary_jordan@fws.gov.

Sincerely,

Gary Jordan for

Pete Benjamin
Field Supervisor

Electronic copy:

Brad Shaver, USACE, Wilmington, NC
Travis Wilson, NCWRC, Creedmoor, NC
Chris Rivenbark, NCDOT, Raleigh, NC
Gordon Cashin, NCDOT, Raleigh, NC