



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

8/17/26

U. S. Army Corps of Engineers
Water Resources Development Act (WRDA)
Transportation Permitting Branch

NC Division of Water Resources
Transportation Permitting Branch

ATTN: NCDOT Coordinator

NCDOT Coordinator

Subject: **Modification of Regional General Permit 50 & 401 Water Quality Certification for the I-485 improvements from I-77 to US 74 (Independence Boulevard) in Mecklenburg County, Division 10, TIP I-5507, WBS: 43609.3.2**

Dear NCDOT Coordinators:

The North Carolina Department of Transportation (NCDOT) hereby requests modification of the impacts to potential Waters of the United States for the above referenced project.

There has been a change to the drainage design at Permit Site 4 within the above-referenced project (SAW-2013-02330, NCDWR No. 20191337). Intermittent stream SNH will now be conveyed in a pipe rather than a rip-rap line ditch as originally permitted. There are no changes to the impact numbers.

The fill slope at this location resulted in 181 lf of permanent impacts to stream SNH. Mitigation for these impacts has already been accounted for and provided. It was previously proposed to relocate the stream into a ditch to the north. However, there is a 42" sewer line in that location that was previously going to be relocated, but CLT Water no longer plans to relocate the line, which is in conflict with the proposed ditch. Therefore, revisions to the drainage design at that site are needed, changing the large rip-rap lined ditch to a pipe around the sewer line to avoid any conflicts. Stream SNH is currently in a temporary detour pipe and will now be placed into a permanent pipe instead of the previously proposed ditch.

Revised permit drawings (sheets 12 and 13 of 115) are attached. There have been no other changes to this project since the December 2025 permit renewal.

If you have any questions or need additional information, please contact Erin Cheely at ekcheely@ncdot.gov or (919)707-6108.

Sincerely,

A handwritten signature in cursive script, reading "Erin K. Cheely".

Erin K. Cheely

ECAP Western Team Lead

Project Submittal Interim Form

Updated March 16, 2026



*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 |

*** If this is a GP reissuance/renewal please reference the date of the plans and PCN that were originally verified.**

New Project - Please check the new project type if you are trying to submit a new project that needs an official approval decision.

Pre-Application Submittal – Please check the pre-application submittal if you just want feedback on your submittal and do not have the expectation that your submittal will be considered a complete application requiring a formal decision.

Modification/New Project With An Existing ID - Please check this box if you are submitting for a new phase of an existing project, a modification to an existing project or for any additional impacts to an existing project for an official approval decision.

More Information Response - Please check this type if you are responding to a request for information from staff and you have an ID# and version for this response.

Other Agency Comments - Please check this if you are submitting comments on an existing project.

Re-issuance/Renewal Request – Please check this if you are submitting for a re-issuance/renewal prior to expiration date for the corresponding 401/404. If submitting after the expiration date or if modification needed use Modification/New Project with Existing ID option.

Submittal Type: *

401 Application - Individual Certification (IC/WQC)

Is buffer approval also required? *

☐ Yes ☒ No

Project Contact Information

Name:

Erin Cheely

Who is submitting the information?

Email Address: *

ekcheely@ncdot.gov

Project Information

Existing ID #: *

20191337

20170001 (no dashes)

Existing Version: *

5

1

Project Name: *

I-5507 - I-485 Improvements from I-77 to US 74

Is this a public transportation project? *

☐ Yes

☐ No

Is this a DOT project? *

☐ Yes

☐ No

TIP#:

I-5507

WBS#:

43609.3.2

(Applies to DOT projects only)

Project Status

If you selected "Re-Issuance/Renewal Request" or "Modification/New Project with Existing ID" for your project type at the top of this form, please enter the current status of your project.

☐ Pre-let

☒ Under Construction

☐ Utility Relocation Underway

☐ In-Field Adjustment

Only choose "In-Field Adjustment" if directed to do so by 401 staff

Is this application for a project associated with emergency response/repairs from Hurricane Helene impacts to your project or property? *

☐ Yes ☒ No

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

☐ Yes ☒ No ☐ Unknown

Does this project involve maintenance dredging funded by the Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund, electric generation projects located at an existing or former electric generating facility, or involve the distribution or transmission of energy or fuel, including natural gas, diesel, petroleum, or electricity? *

☐ Yes ☒ No

Is this project connected with ARPA funding or S.L. 2023-134 (earmark)? *

☐ ARPA ☐ S.L. 2023-134 (earmark) ☒ No

Is this application being filed jointly with another party involved with this project? *

☐ Yes ☒ No

County (ies) *

Mecklenburg

Please upload all files that need to be submitted.

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

I-5507 2026-08-17 Modification Application.pdf

930.94KB

Only pdf or kmz files are accepted.

Describe the attachments or add comments:

Request for small modification to RGP 50/Individual 401 cert changing impact type only at Site 4 from ditch to pipe. No change to impact numbers.

*

☒ 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: *

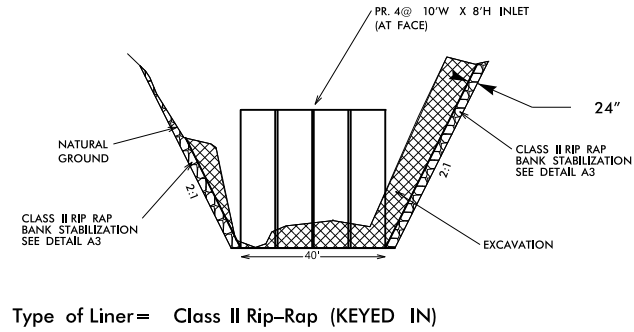
A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Erin K. Cheely".

Submittal Date:

8/17/2026

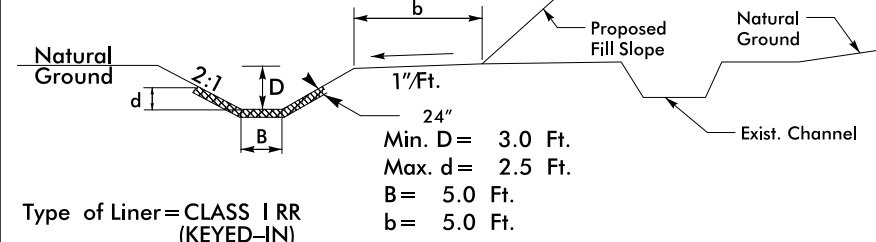
8/17/99

DETAIL A10
INLET CHANNEL
(Not to Scale)



SITE #3 NOTE:
THE EXISTING CULVERT IS NOT BURIED, THEREFORE
THE CULVERT EXTENSION WILL NOT BE BURIED. THE
BOTTOM ELEVATION OF THE EXTENDED CULVERT WILL
MATCH THE ELEVATION OF THE EXISTING STREAM BED.

DETAIL A11
CHANNEL CHANGE
(Not to Scale)



wsp
1001 Morehead Square Dr.
Suite 610
Charlotte NC, 28203
NC LIC NO. F-0165

PROJECT REFERENCE NO.		SHEET NO.
I-5507		12A
RW SHEET NO.		HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER		

BLYTHE

S12
(Kings Branch)

SITE #3

L FROM STA. 132+25 LT TO STA. 133+97

SITE #4

SITE #2

W4

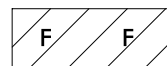
WT

SNH

W3

Revised August 2026

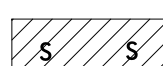
PERMIT DRAWING
SHEET 12 OF 115



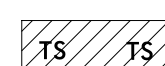
DENOTES FILL IN
WETLAND



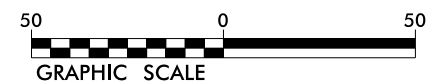
DENOTES MECHANIZED
CLEARING



DENOTES IMPACTS IN
SURFACE WATER

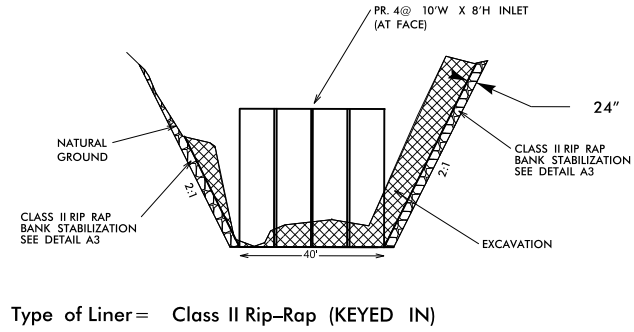


DENOTES TEMPORARY
IMPACTS IN SURFACE WATER



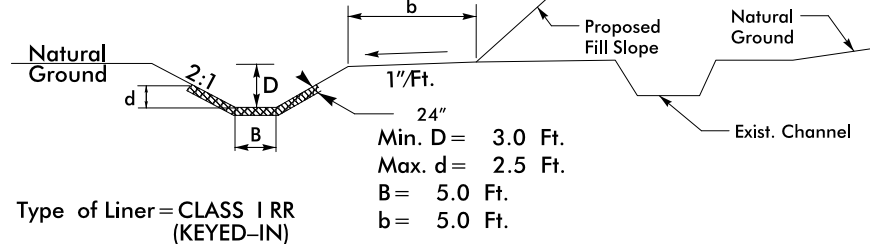
8/6/2026
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wsp\px14\gs01\ics\pdf_work_dir\271519\282152\1065616\I5507_Hyd-prm-wet.psh12A.dgn

DETAIL A10
INLET CHANNEL
(Not to Scale)



SITE #3 NOTE:
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DETAIL A11
CHANNEL CHANGE
(Not to Scale)



PROJECT REFERENCE NO.		SHEET NO.
I-5507		12A
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
		

S12
(Kings Branch)

SITE #3

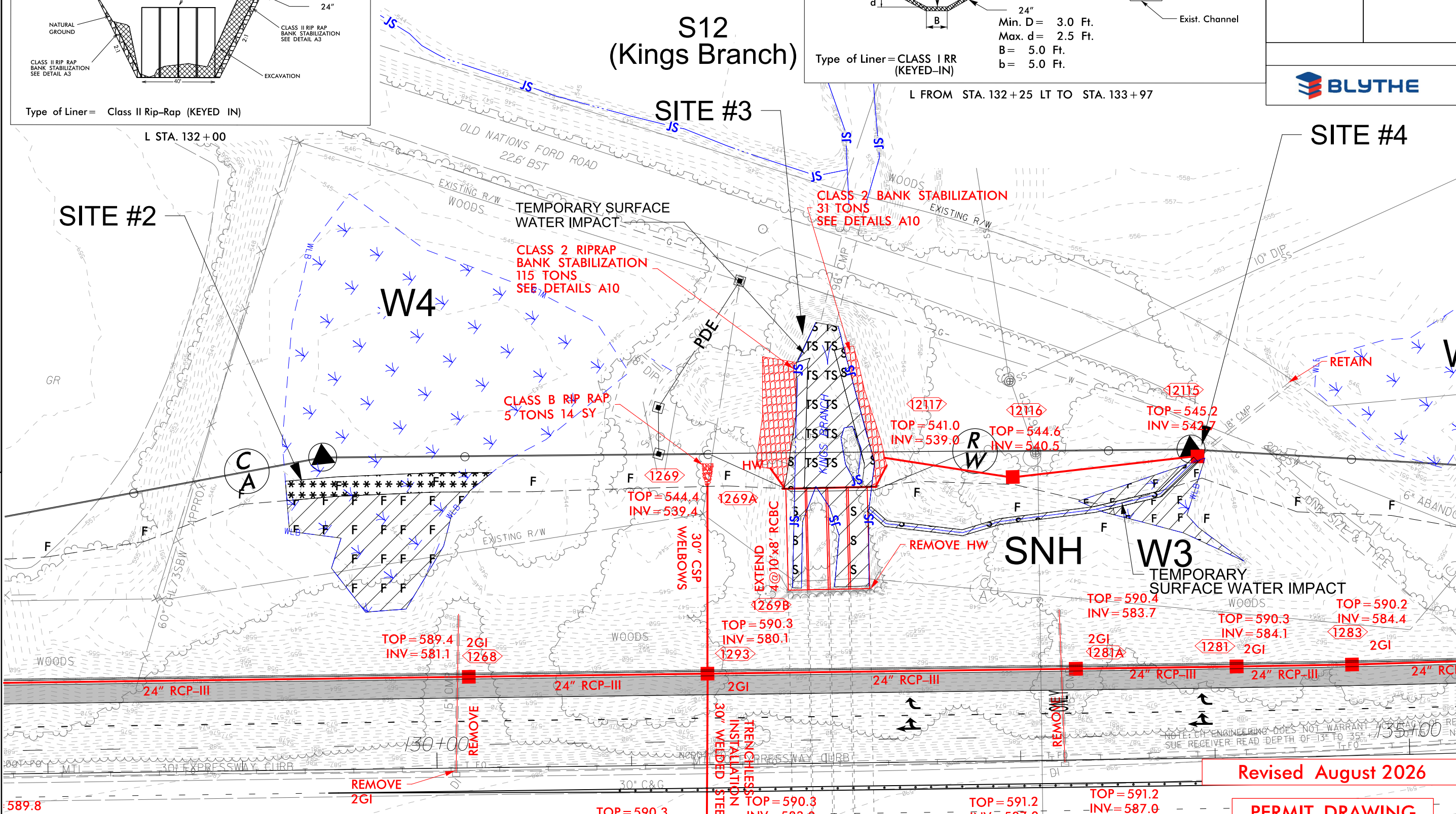
SITE #4

SITE #2

W4

SNH

W3



DENOTES FILL IN WETLAND

DENOTES MECHANIZED CLEARING

DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER

Revised August 2026

PERMIT DRAWING
SHEET 13 OF 115

50 0 50
GRAPHIC SCALE