



DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
69 DARLINGTON AVENUE
WILMINGTON, NORTH CAROLINA 28403-1343

August 28, 2024

Regulatory Division

Action ID. SAW-2017-02112 NC DOT TIP No.: Winston-Salem Northern Beltway in Forsyth County, TIPs R-2247 (Western Section), U-2579 AA and AB, the Winston-Salem Northern Beltway (Eastern Section of Future I-74), from US 311 to I-40

Ms. Amy Euliss, PDEA Engineer
North Carolina Department of Transportation, Division 9
375 Silas Creek Parkway
Winston-Salem, NC 27127
aeuliss@ncdot.gov

Dear Ms. Euliss:

Reference the Department of the Army (DA) permit issued on January 22, 2018, and several subsequent modifications for the discharge of fill material into waters and wetlands to construct a 34.5-mile-long portion of new location roadway known as the Winston-Salem Northern Beltway in Forsyth County, TIPs R-2247 (Western Section), U-2579 (Eastern Section), and U-2579A (Eastern Section Extension). The project received a Department of Army Permit on January 22, 2018, to include the permanent discharge of dredged or fill material into 59,395 linear feet of stream channel, and 9.41 acre of riparian wetlands in Forsyth County, North Carolina.

Reference is also made to your July 19, 2024, request to make modifications to this project. Specifically, a request for permit modification associated with Site #3 for U-2579 AB to permanently place 18 linear feet (lf) of rock streambank stabilization in an area previously authorized for 12 lf of temporary impact. In addition, you requested a permit modification for U-2579 AA, Sites #12A, #12B, and Stormwater Plan revision found on Stormwater Plan Sheets 5 and 6.

These modifications would include an increase in total permanent stream impact of an additional 18 linear feet (lf) beyond what was authorized, however most of this change is within an area previously authorized for temporary impacts from dewatering activities. This addition permanent impact will include placement of stream bank stabilization in this 18 lf segment that will not result in a loss of waters and therefore do not require compensatory mitigation. The proposed modifications for U-2579 AA are related to plan changes and do not result in any changes to previously authorized impacts to waters. These have been included to update the plans to include accurate depictions of NCDOT's construction and structures for U-2579 AA & U-2579 AB.

I have determined that the proposed project modifications described above are not contrary to the public interest and are consistent with the 404 (B) (1) Guidelines and therefore, the DA permit is hereby modified. The authorized work shall be completed in

accordance with the attached revised drawings. All other conditions of the original permit and previous modifications remain applicable, and the expiration date is unchanged. The permit modifications are as follows:

The permittee shall ensure that the construction design plans for this project do not deviate from the permit plans, previously modified plans and the specific modified permit drawings attached:

- **Sheets 1 of 5, labelled by the Corps, “SAW-2017-02112 NCDOT U-2579 AB Winston-Salem Northern Beltway Site #3 Modification Forsyth Co., N.C.” and dated August 27, 2024.**
- **Sheets 2-3 of 5, labelled by the Corps, “SAW-2017-02112 NCDOT U-2579 AA Winston-Salem Northern Beltway Site #12A & #12B Modification Forsyth Co., N.C.” and dated August 27, 2024.**
- **Sheets 4-5 of 5 labelled by the Corps, “SAW-2017-02112 NCDOT U-2579 AA Winston-Salem Northern Beltway Site Stormwater Plan Sheets 5 & 6 Modification Forsyth Co., N.C.” and dated August 27, 2024.**

Please note that all other terms and conditions of your Department of the Army permit dated January 22, 2018, shall remain in effect.

This approved modification should be attached to the original permit and will be utilized for future compliance reviews of the project. If you have questions, please contact Stephen Brumagin of the Charlotte Regulatory Field Office, at telephone (704) 798-6471.

FOR THE DISTRICT COMMANDER

Monte Matthews | 2024.08.28
07:10:10 -04'00'

Monte K. Matthews
NCDOT/WRDA Branch Chief
Wilmington District

Enclosures:

Modified permit plans for Sites #3 U-2579AB, Sites #12A & #12B U-2579AA and Stormwater Plan Sheets 5 & 6 (labelled by Corps and dated 8-27-24)

Copies Furnished (electronic):

cc:

Mr. William Barrett, NCDOT
wabarrett@ncdot.gov

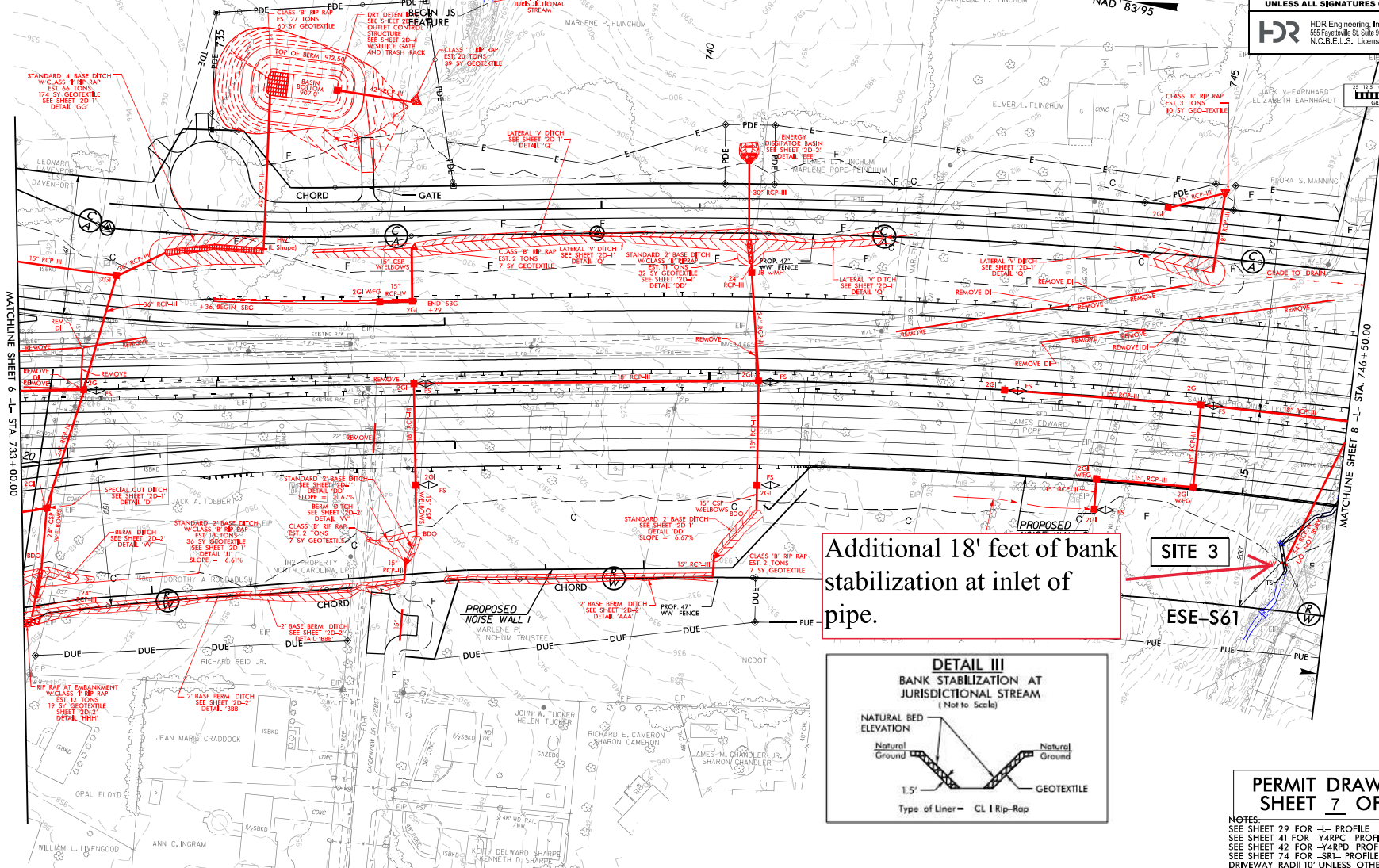
Ms. Mary Beth Plummer, NC DEQ
mary.plummer@deq.nc.gov

**SAW-2017-02112 NCDOT U-2579 AB
Winston-Salem Northern Beltway Site #3
Modification Forsyth Co., N.C.
August 27, 2024 Sheet 1 of 5**

LEGEND:

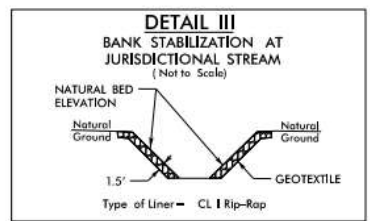
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

PROJECT REFERENCE NO. U-2579AB	SHEET NO. 7
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR ANY ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
HDR Engineering, Inc. of the Carolinas 555 Fayetteville St., Suite 900, Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



Additional 18' feet of bank stabilization at inlet of pipe.

SITE 3



PERMIT DRAWING SHEET 7 OF 78

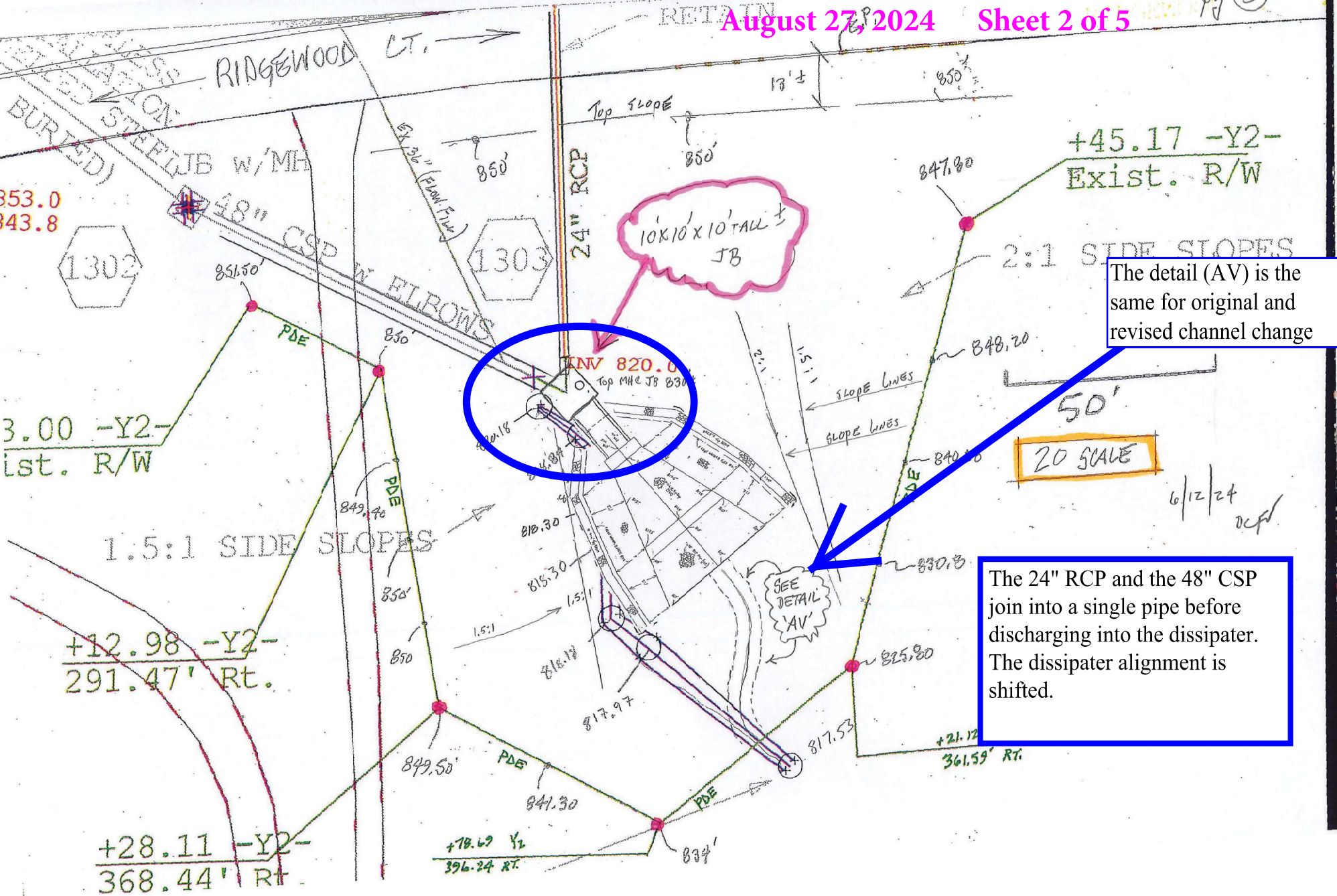
NOTES:
SEE SHEET 29 FOR -L- PROFILE
SEE SHEET 41 FOR -Y4RCP- PROFILE
SEE SHEET 42 FOR -Y4RPD PROFILE
SEE SHEET 74 FOR -SRI- PROFILE
DRIVEWAY RADII 10' UNLESS OTHERWISE NOTED

REVISIONS
PLOT DRIVER: NCDOT_permit15.com.plt
USER: mmorack
FILE: NCDOT\NCDOT-U-2579AB\60-CAL-B\N\2\2\2024-12\Progress\U-2579AB\Hydraulics\PERMIT15-Environment.dwg
DATE: 10/5/2020
TIME: 10:32:46 AM
REV. - FEBRUARY 22, 2019 - ROW ALTERED TO ENCOMPASS PARCEL 72 - SMP

Site 12A/12B revision: note relocated dissipater. no changes in stream impact length or loss of water impacts

SAW-2017-02112 NCDOT U-2579 AA
Winston-Salem Northern Beltway Site #12A &
#12B Modification Forsyth Co., N.C.
August 27, 2024 Sheet 2 of 5

pg 5



The detail (AV) is the same for original and revised channel change

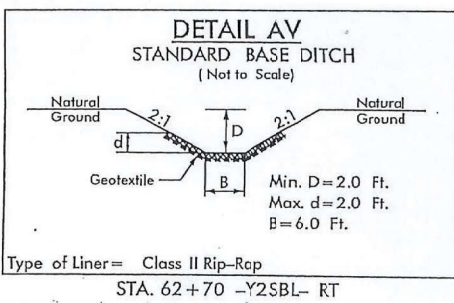
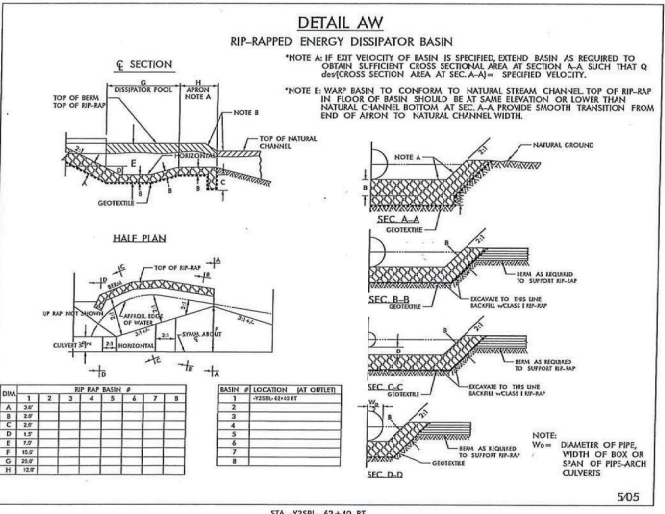
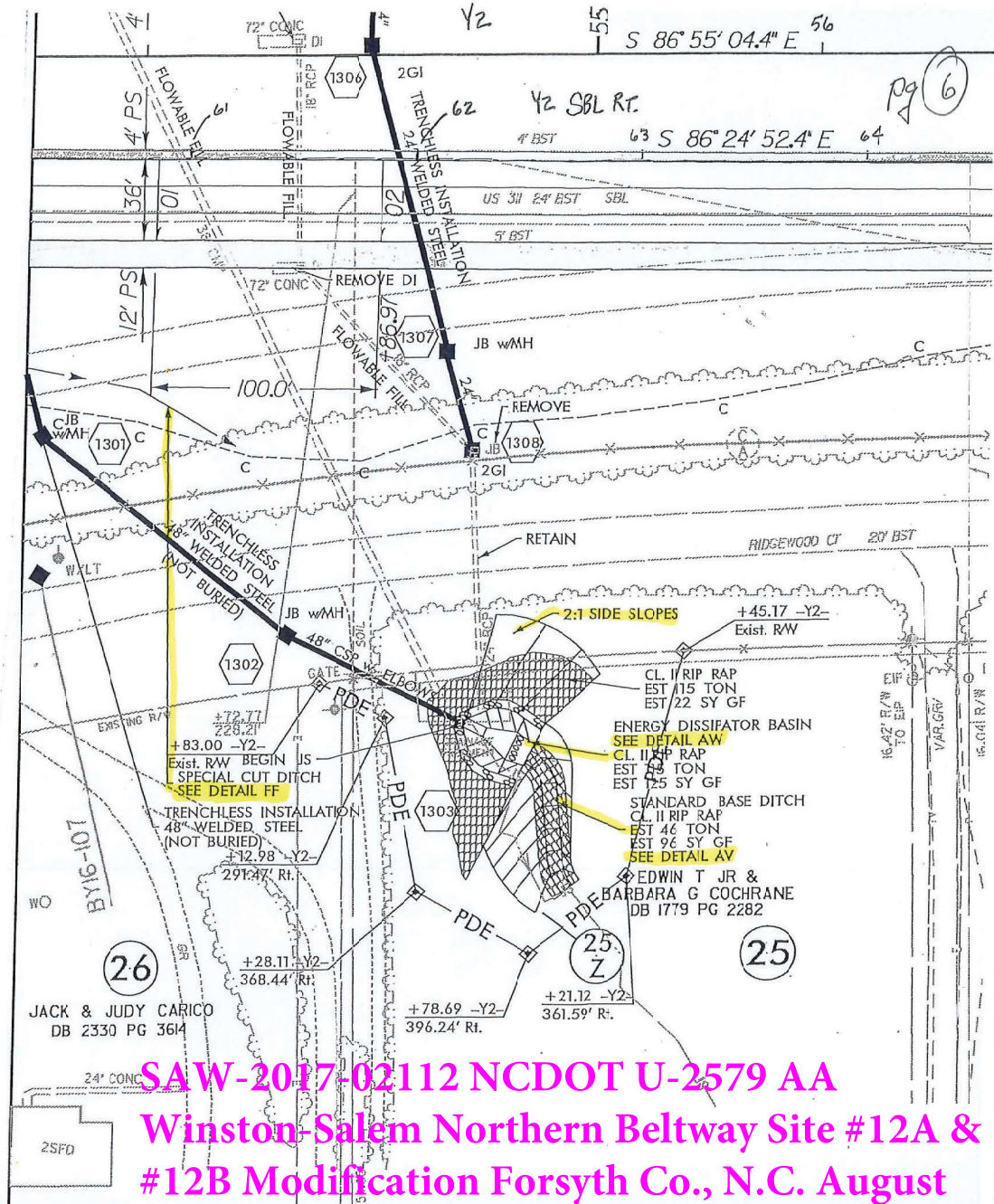
The 24" RCP and the 48" CSP join into a single pipe before discharging into the dissipater. The dissipater alignment is shifted.

20 SCALE

6/12/24
OCF

ORIGINAL

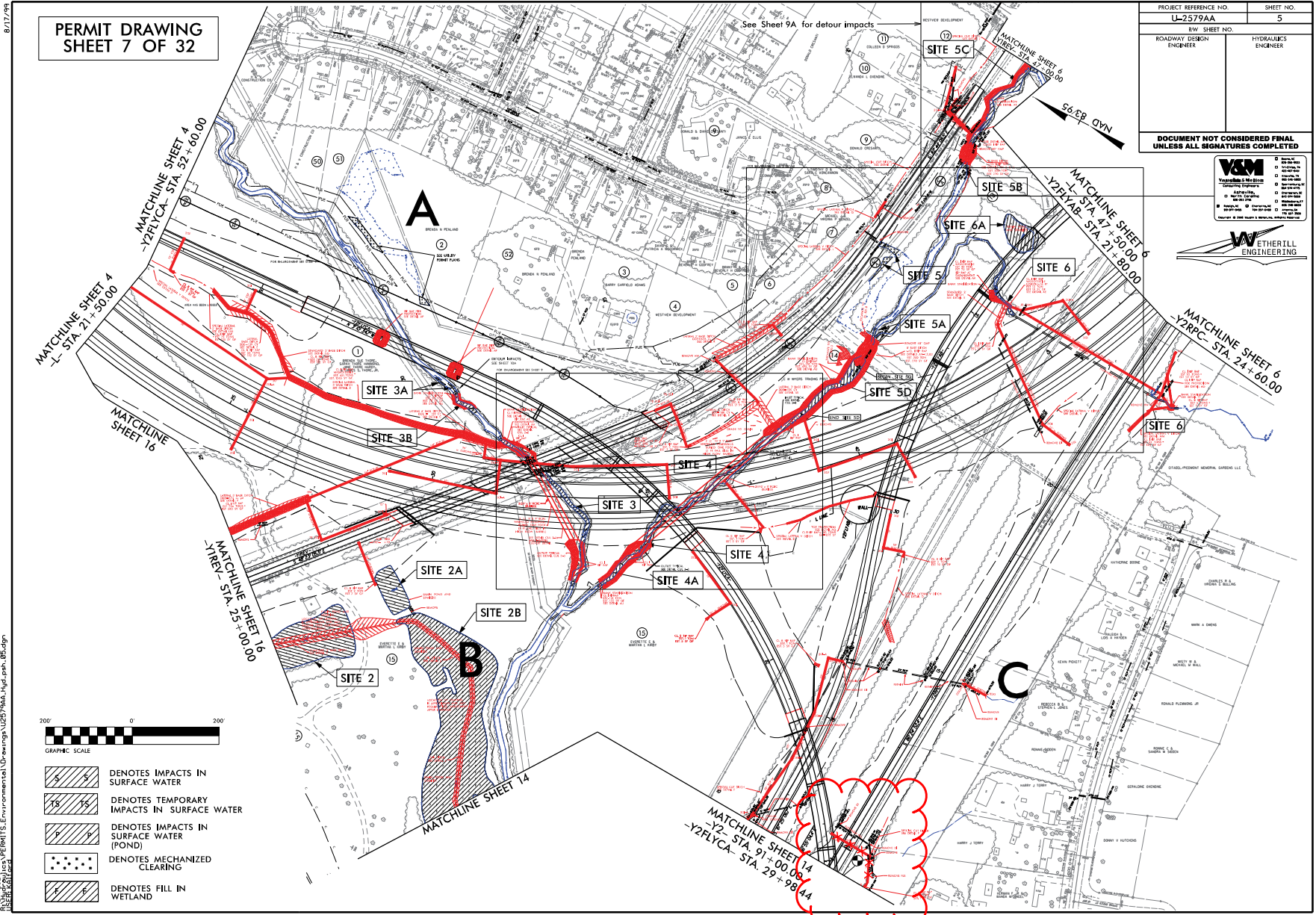
pg 6



SA W-2017-02112 NCDOT U-2579 AA
Winston-Salem Northern Beltway Site #12A & #12B Modification Forsyth Co., N.C. August 27, 2024 Sheet 3 of 5

Stormwater revision to plan sheets 5 and 6: no changes in jurisdictional impacts.

SAW-2017-02112 NCDOT U-2579 AA Winston-Salem Northern Beltway Stormwater Plan Sheet 5 & 6 Modification Forsyth Co., N.C. August 27, 2024 Sheet 4 of 5

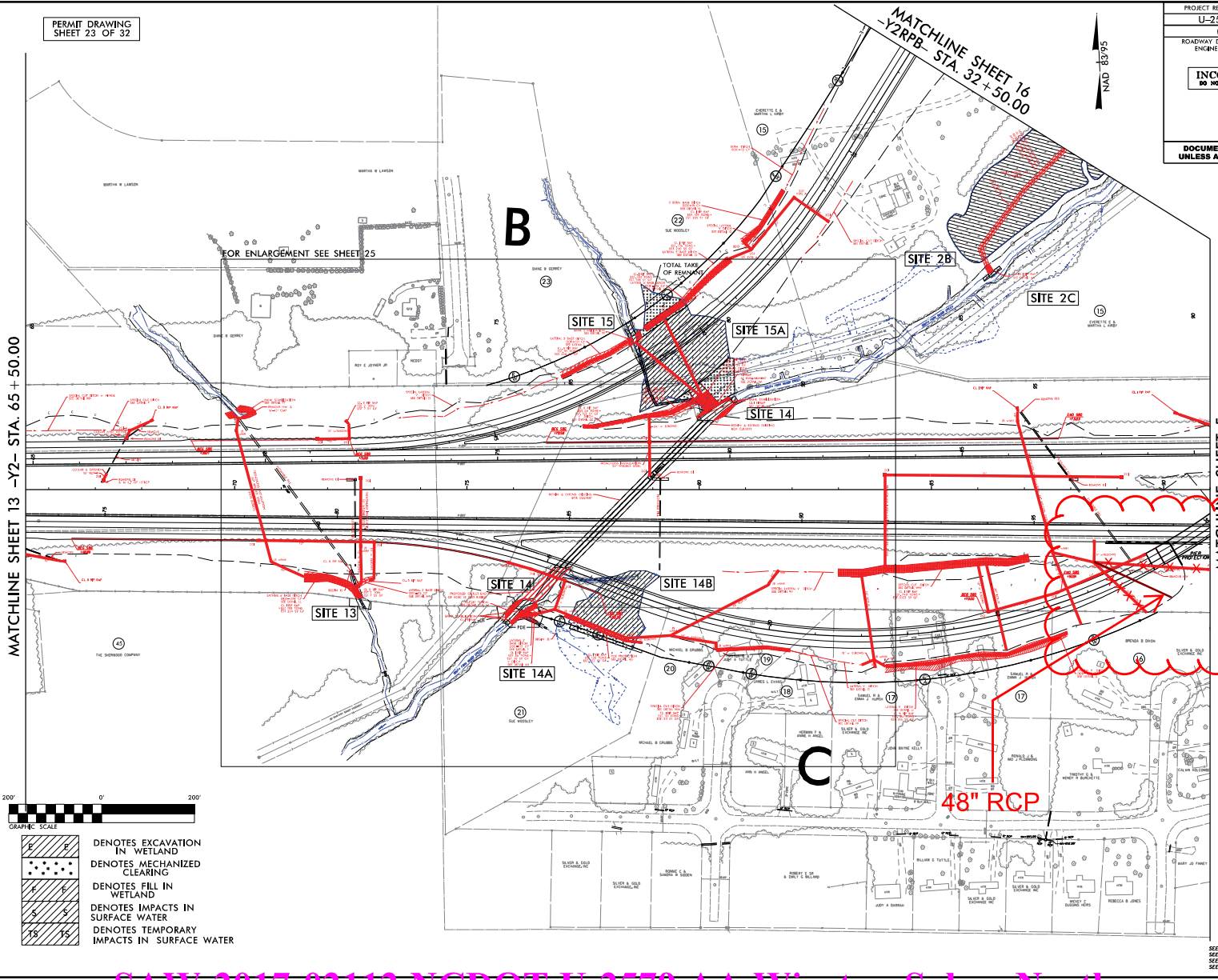


P-37

See Sheet 5 of 5 for 48" RCP detail

8/17/24

6/2/2024 11:04 AM V:\PERMITS\Environmental\LD-swings\112579\Map_Hyd_sph_14.dgn



PERMIT DRAWING
SHEET 23 OF 32

MATCHLINE SHEET 13 -Y2- STA. 65 + 50.00

MATCHLINE SHEET 16
-Y2RPB- STA. 32 + 50.00

PROJECT REFERENCE NO. U-2579AA	SHEET NO. 14
R/W SHEET NO. ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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

MATCHLINE SHEET 5
-Y2- STA. 91 + 00.00
-Y2FLYCA- STA. 29 + 98.44

48" RCP

SEE SHEET 25 FOR -Y2FLYCA- PROFILE
SEE SHEETS 27 THROUGH 30 FOR -Y2RWB- PROFILE
SEE SHEETS 31 THROUGH 32 FOR -Y2RFB- PROFILE
SEE SHEETS 33 THROUGH 34 FOR -Y2RPA- PROFILE

**SAW-2017-02112 NCDOT U-2579 AA Winston-Salem Northern
Beltway Stormwater Plan Sheet 5 & 6 Modification Forsyth Co.,
N.C. August 27, 2024 Sheet 5 of 5**



NORTH CAROLINA
Environmental Quality

July 24, 2024

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

RICHARD E. ROGERS, JR.
Director

Amy Euliss, PDEA Engineer
NC Department of Transportation, Division 9
375 Silas Parkway
Winston Salem, North Carolina 27127

Subject: Modification to the 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with ADDITIONAL CONDITIONS for Proposed improvements to Section U-2579AA and AB, the Winston-Salem Northern Beltway (Eastern Section of Future I-74), from US 311 to I-40; Federal Aid Project No. NHF-0918(14), Division 9; WBS No. 34839.3.GV5; NCDWR Project No. 19980260 version 12; WQC No. WQ004131

Dear Ms. Euliss:

Attached hereto is a modification of Certification No. WQC004131 issued to The North Carolina Department of Transportation (NCDOT) originally issued and dated November 14, 2017 for the Winston Salem Northern Beltway from I-40 to US 52 (R-2247B Phase 2, CA, CB, CD, D,EA, EB, and EC), from US 52 to US 311 North (U- 2579C Phase 2, D, D, and F), and from I-40 Business to US 311 South (U-2579AA and AB); Revision 2 dated December 21, 2017; Revision 3 dated February 7, 2019; Revision 4 dated August 13, 2019; Revision 5 dated November 14, 2019; Revision 6 dated November 30, 2020; In-Field Modification dated January 14, 2021; Revision 7 dated February 9, 2021; Revision 8 dated January 10, 2022; Revision 9 dated March 9, 2023; Revision 10 dated April 27, 2023; and Revision 11 dated August 21, 2023.

This approval is for the purpose and design described in your application. The plans and specifications for this project are incorporated by reference as part of this Water Quality Certification. If you change your project, you must notify the Division and you may be required to submit a new application package with the appropriate fee. If the property is sold, the new owner must be given a copy of this Certification and is responsible for complying with all conditions [15A NCAC 02H .0507(d)(2)]. This Certification does not relieve the permittee of the responsibility to obtain all other required Federal, State, or Local approvals before proceeding with the project, including those required by, but not limited to, Sediment and Erosion Control, Non-Discharge, Water Supply Watershed, and Trout Buffer regulations.

If we can be of further assistance, do not hesitate to contact us.

Sincerely,

DocuSigned by:

Susan Locklear

04351F033762414...
Richard E. Rogers, Jr., Director
Division of Water Resources

Attachments

Electronic copy only distribution:

Stephen Brumagin, US Army Corps of Engineers, Charlotte Field Office
Bill Barrett, NC Department of Transportation
Kevin Hedrick, NC Department of Transportation
Larry Shaver, NC Department of Transportation
Amanetta Somerville, US Environmental Protection Agency
Holland Youngman, US Fish and Wildlife Service
David McHenry, NC Wildlife Resources Commission
File Copy



MODIFICATION of 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with ADDITIONAL CONDITIONS

THIS CERTIFICATION is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Water Resources (NCDWR) Regulations in 15 NCAC 2H .0500. This certification authorizes the NCDOT to revise impacts amounting to an additional 18 linear feet of jurisdictional stream in Forsyth County. The project shall be constructed pursuant to the application modification request dated July 19, 2024. The authorized impacts are as described below:

Modified Stream Impacts (linear feet) in the Yadkin-Pee Dee River Basin (U-2579AB)

Site	Impact	Permanent Fill in Intermittent Stream (linear ft)	Temporary Fill in Intermittent Stream (linear ft)	Stream Impacts Requiring Mitigation (linear ft)
Original approved impacts at 3	Pipe (54" RCP)	137	12	-
	Bank Stabilization	0	0	-
Revised impacts with this approval at 3	Pipe (54" RCP)	137	0	-
	Bank Stabilization	18	0	-
Totals (For this modification)		18	0	-

Total Stream Impacts (for this modification): 18 linear feet

The application provides adequate assurance that the discharge of fill material into the waters of the Yadkin-Pee Dee River Basin in conjunction with the proposed development will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate the applicable portions of Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

This approval is only valid for the purpose and design that you submitted in your modification application dated July 19, 2024. All the authorized activities and conditions associated with the original Water Quality Certification issued on November 14, 2017 for the Winston Salem Northern Beltway from I-40 to US 52 (R-2247B Phase 2, CA, CB, CD, D,EA, EB, and EC), from US 52 to US 311 North (U- 2579C Phase 2, D, D, and F), and from I-40 Business to US 311 South (U-2579AA and AB); Revision 2 dated December 21, 2017; Revision 3 dated February 7, 2019; Revision 4 dated August 13, 2019; Revision 5 dated November 14, 2019; Revision 6 dated November 30, 2020; In-Field Modification dated January 14, 2021; Revision 7 dated February 9, 2021; Revision 8 dated January 10, 2022; Revision 9 dated March 9, 2023; Revision 10 dated April 27, 2023; and Revision 11 dated August 21, 2023, still apply except where superseded by this Certification.

Should your project change, you are required to notify the NCDWR and submit a new application. If the property is sold, the new owner must be given a copy of this Certification and approval letter and is thereby responsible for complying with all the conditions. If any additional wetland impacts, or stream impacts, for this project (now or in the future) exceed 0.1 acre or 300 linear feet, respectively, additional compensatory mitigation may be required as described in 15A NCAC 2H .0506 (c) (2) and (4).

For this approval to remain valid, you are required to comply with all the conditions listed below. In addition, you



should obtain all other federal, state or local permits before proceeding with your project including (but not limited to) Sediment and Erosion control, Coastal Stormwater, Non-discharge and Water Supply watershed regulations. This Certification shall expire on the same day as the expiration date of the corresponding Corps of Engineers Permit.

Conditions of Certification:

1. This modification is applicable only to the additional proposed activities and design that you submitted in your request for modification dated July 19, 2024. [15A NCAC 02H.0506(b) (1, 2)]
2. The plan revisions for U-2579AA included your request for modification dated July 19, 2024, are approved as submitted. [15A NCAC 02H.0506(b) (1, 2)]
3. All the authorized activities and conditions associated with the original Water Quality Certification issued on November 14, 2017 for the Winston Salem Northern Beltway from I-40 to US 52 (R-2247B Phase 2, CA, CB, CD, D,EA, EB, and EC), from US 52 to US 311 North (U- 2579C Phase 2, D, D, and F), and from I-40 Business to US 311 South (U-2579AA and AB); Revision 2 dated December 21, 2017; Revision 3 dated February 7, 2019; Revision 4 dated August 13, 2019; Revision 5 dated November 14, 2019; Revision 6 dated November 30, 2020; In-Field Modification dated January 14, 2021; Revision 7 dated February 9, 2021; Revision 8 dated January 10, 2022; Revision 9 dated March 9, 2023; Revision 10 dated April 27, 2023; and Revision 11 dated August 21, 2023, still apply except where superseded by this Certification. [15A NCAC 02H. 0506(b) (1, 2)]
4. All work in or adjacent to stream waters shall be conducted per approved BMP measures from the most current version of NCDOT Construction and Maintenance Activities manual. [15A NCAC 02H.0506(b)(3) and (c)(3)]

Violations of any condition herein set forth may result in revocation of this Certification and may result in criminal and/or civil penalties. This Certification shall become null and void unless the above conditions are made conditions of the Federal 404 and/or Coastal Area Management Act Permit. This Certification shall expire upon the expiration of the 404 or CAMA permit.

This approval and its conditions are final and binding unless contested [G.S. 143-215.5]. Please be aware that impacting waters without first applying for and securing the issuance of a 401 Water Quality Certification violates Title 15A of the North Carolina Administrative Code (NCAC) 2H .0500. Title 15A NCAC 2H .0500 requires certifications pursuant to Section 401 of the Clean Water Act whenever construction or operation of facilities will result in a discharge into navigable waters, including wetlands, as described in 33 Code of Federal Regulations (CFR) Part 323. It also states any person desiring issuance of the State certification or coverage under a general certification required by Section 401 of the Federal Water Pollution Control Act shall file with the Director of the North Carolina Division of Water Quality. Pursuant to G.S. 143-215.6A, these violations and any future violations are subject to a civil penalty assessment of up to a maximum of \$25,000.00 per day for each violation.

This Certification can be contested as provided in Chapter 150B of the North Carolina General Statutes by filing a Petition for a Contested Case Hearing (Petition) with the North Carolina Office of Administrative Hearings (OAH) within sixty (60) calendar days. Requirements for filing a Petition are set forth in Chapter 150B of the North Carolina General Statutes and Title 26 of the North Carolina Administrative Code. Additional information regarding requirements for filing a Petition and Petition forms may be accessed at <http://www.ncoah.com/> or by calling the OAH Clerk's Office at (919) 431-3000.

A party filing a Petition must serve a copy of the Petition on:

William F. Lane, General Counsel
Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699-1601

If the party filing the Petition is not the permittee, then the party must also serve the recipient of the Certification in accordance with N.C.G.S 150B-23(a).

This the 24th day of July 2024

DIVISION OF WATER RESOURCES

DocuSigned by:
Susan Locklear
04351F033762414...
Richard E. Rogers, Jr., Director

WQC No. 004131



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

RICHARD E. ROGERS, JR.
Director

NCDWR Project No.: _____ County: _____

Applicant: _____

Project Name: _____

Date of Issuance of 401 Water Quality Certification: _____

Certificate of Completion

Upon completion of all work approved within the 401 Water Quality Certification or applicable Buffer Rules, and any subsequent modifications, the applicant is required to return this certificate to the 401 Transportation Permitting Unit, North Carolina Division of Water Resources, 1617 Mail Service Center, Raleigh, NC, 27699-1617. This form may be returned to NCDWR by the applicant, the applicant's authorized agent, or the project engineer. It is not necessary to send certificates from all of these.

Applicant's Certification

I, _____, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature: _____ Date: _____

Agent's Certification

I, _____, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature: _____ Date: _____

Engineer's Certification

_____ Partial _____ Final

I, _____, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe (periodically, weekly, full time) the construction of the project for the Permittee hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature _____ Registration No. _____
Date _____

