



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
WRDA/TRANSPORTATION BRANCH
3331 HERITAGE TRADE DRIVE SUITE 105
WAKE FOREST NC 27587

August 6, 2025

Regulatory Program/Division
SAW-2024-00204

Sent Via Email: bkketner@ncdot.gov

Brian Ketner
NCDOT, Division 7
1584 Yanceyville Street
Greensboro, NC 27405

Dear Mr. Ketner:

This letter is in response to the application you submitted to the Wilmington District, WRDA/Transportation Branch on May 19, 2025, revised on July 18, 2025, for a Department of the Army general permit verification. This project has been assigned the file number SAW-2024-00204 and is known as NCDOT; I-6059 I-85 - Trollingwood-Hawfields Rd Interchange Improvement. This file number should be referenced in all correspondence concerning this project.

A review of the information provided indicates that the proposed work would include the widening of Trollingwood-Hawfields Road with an addition of a bridge over I-40/85 to the northeast of the existing bridge, intersection reconfigurations, and roadway re-alignment at the Gregory Poole Lane and Trollingwood-Hawfields Road intersection, impacting 548 linear feet (lf) of tributaries, including 67 lf of bank stabilization, 314 linear feet of tributary relocation, 129 lf for culvert replacement, and 38 linear feet of temporary impacts. The project area for this determination is illustrated on the enclosed site plans. The project is located at the existing I-40/I-85 interchange at SR 1981, Trollingwood-Hawfields Road, at Latitude 36.06765 and Longitude -79.31193; in Mebane, Alamance County, North Carolina.

We have determined that the proposed work is authorized by General Permit Number 50 pursuant to authorities under Section 404 of the Clean Water Act (33 U.S.C § 1344). The proposed work must be accomplished in strict accordance with the enclosed general permit conditions, any regional conditions, the special conditions listed in this letter, the application materials, and the enclosed plans, *SR 1981 (TROLLINGWOOD-HAWFIELDS RD) IN MEBANE. INTERCHANGE IMPROVEMENT; PERMIT DRAWINGS SHEETS 1 through 9 of 9*, submitted on July 18, 2025. If the extent of the project area and/or nature of the authorized impacts to waters are modified, a revised application must be submitted to this office for written approval before work is

initiated. Any deviation from the terms and conditions of the permit, or your submitted plans, may subject the permittee to enforcement action.

This verification is valid until May 25, 2030, unless the subject general permit(s) is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the general permit.

Project Specific Special Conditions:

1. NLEB: The Wilmington District, Federal Highway Administration, U.S. Fish and Wildlife Service (USFWS), and the North Carolina Department of Transportation (NCDOT) have conducted programmatic Section 7(a)(2) consultation for the Northern long-eared bat (NLEB) for NCDOT projects located in Divisions 1-8. The result of this programmatic consultation is a Programmatic Biological Opinion (PBO) issued by the USFWS titled, "Programmatic Biological Opinion – Revised, NCDOT Program Effects on the Northern Long-eared Bat in Divisions 1-8", dated December 15, 2022. This PBO contains agreed upon conservation measures which would minimize take of NLEB. As noted in the PBO, applicability of these conservation measures varies depending on the location of the project. The USFWS has documented that no reasonable and prudent measures, nor terms and conditions, are necessary or appropriate to minimize the amount or extent of incidental take of NLEB caused by the Action; therefore, the incidental take statement does not provide reasonable and prudent measures for this species. Department of the Army (DA) authorization under general permit or standard permit (Individual Permit) is conditional upon the permittee's compliance with applicable, agreed upon conservations measures of the PBO, which is incorporated by reference in this verification letter. Failure to comply with the applicable conservation measures, where a take of the NLEB occurs, would constitute an unauthorized take by the permittee, and would also constitute permittee non-compliance with this verification letter. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its PBO and the ESA. All PBOs can be found on our website at: <https://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Agency-Coordination/ESA/>
2. The U.S. Fish and Wildlife Service's (USFWS's) Programmatic Conference Opinion (PCO) titled "NCDOT Program Effects on the Tricolored Bat in Divisions 1-8", dated November 20, 2023, contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with "incidental take" that are specified in the PCO. Your authorization under this Corps permit is conditional upon your compliance with all the mandatory terms and conditions associated with incidental take of the PCO, which terms and conditions are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of the PCO, where a take of the listed species occurs, would

constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its PCO, and with the ESA.

This general permit verification and any associated authorizations does not preclude the necessity to obtain any other Federal, State, or local permits, licenses, and/or certifications, which may be required.

If you have any questions related to this verification or have issues accessing documents referenced in this letter, please contact Eric Alsmeyer, Regulatory Project Manager of the WRDA/Transportation Branch at 919.817.1570, by mail at the above address, or by email at eric.c.alsmeyer@usace.army.mil. Please take a moment to complete our customer satisfaction survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Sincerely,

A handwritten signature in black ink that reads "M. Scott Jones". The signature is written in a cursive, flowing style.

M. Scott Jones, PWS
WRDA / Transportation Branch Chief

Enclosures

Cc (w/enclosures):
Chris Rivenbark, RK&K (via crivenbark@rkk.com)

<p>U.S. Army Corps of Engineers (USACE)</p> <p>CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT</p> <p>For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.</p>	<p><i>Form Approved -</i></p> <p>OMB No. 0710-0003</p> <p>Expires 2027-10-31</p>
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The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.

Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Wilmington District, Regulatory Office.

The certification can be submitted by email at eric.c.alsmeyer@usace.army.mil or by mail at the below address:

U.S. Army Corps of Engineers, Wilmington District
 Raleigh Field Office
 Street Address: 3331 Heritage Trade Dr, Suite 105
 City: Wake Forest State: NC Zip Code: 27587

COMPLETED BY THE CORPS

Corps Action Number:	SAW-2024-00204
Permit Type: <u>General Permit</u>	
General Permit Number and Name (<i>if applicable</i>):	<u>RGP 50: Work associated with bridge construction, widening, replacement, and interchanges</u>
Name of Permittee:	<u>Brian Ketner</u>
Project Name:	<u>NCDOT; I-6059 I-85 - Trollingwood-Hawfields Rd Interchange Improvement</u>
Project Location (<i>physical address</i>):	<u>Mebane, North Carolina</u>

PERMITTEE'S CERTIFICATION

Date Work Started: _____



Date Work Completed: _____

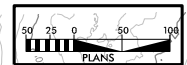
Enclose photographs showing the completed project (*if available*).

I _____ hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.

Name	Date	Signature
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PERMIT DRAWING SHEET 4 OF 9

-  SURFACE WATER IMPACTS
-  TEMPORARY SURFACE WATER IMPACTS



I-6059
RDY 04

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ALAMANCE COUNTY



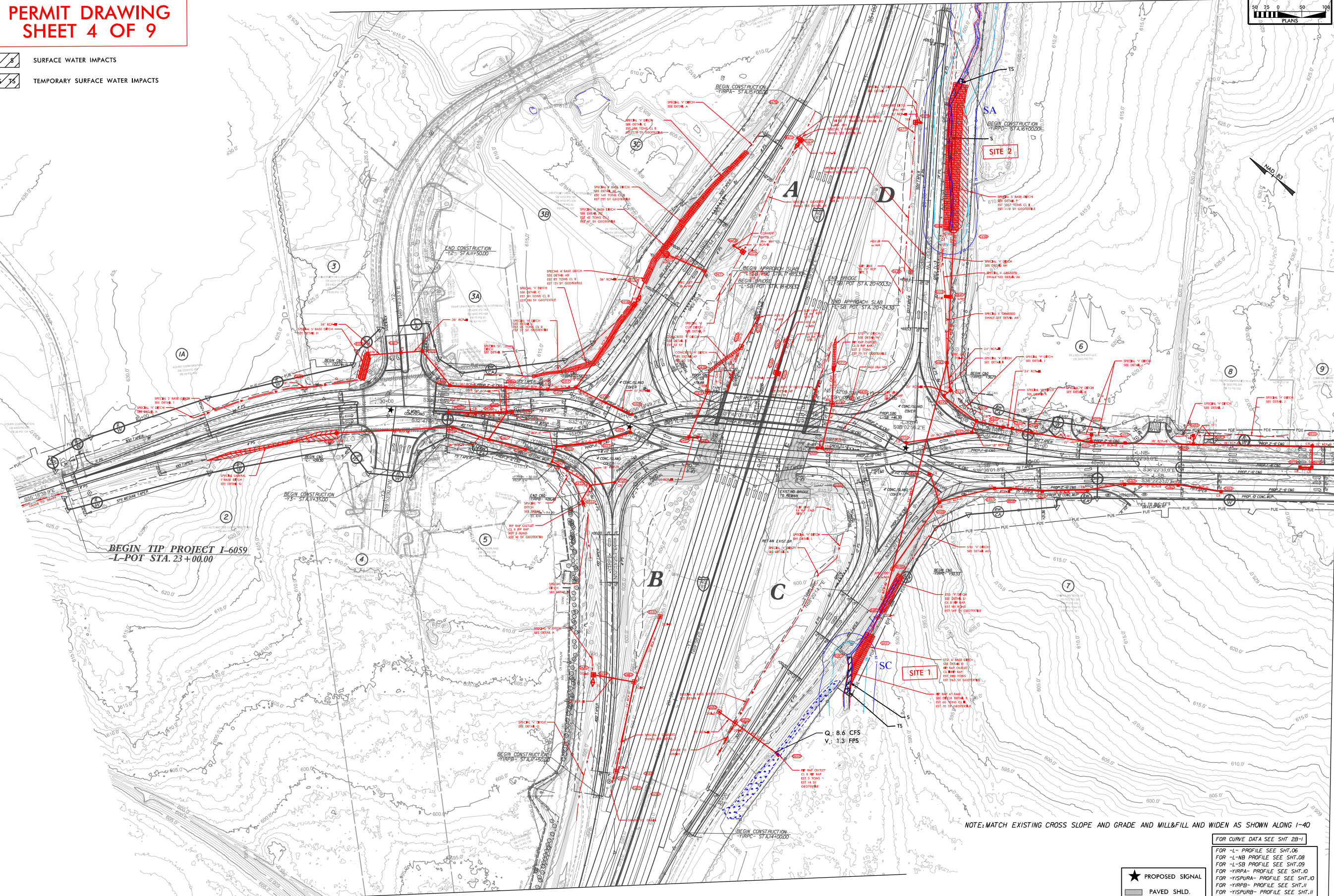
ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

PREPARED BY
ARCADIS
175 REGENCY WOODS PLACE,
SUITE 400, CARY, NC 27518
Phone: 919-854-1282
License #: 0-1988





DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS



BEGIN TIP PROJECT I-6059
L-POT STA. 23+00.00

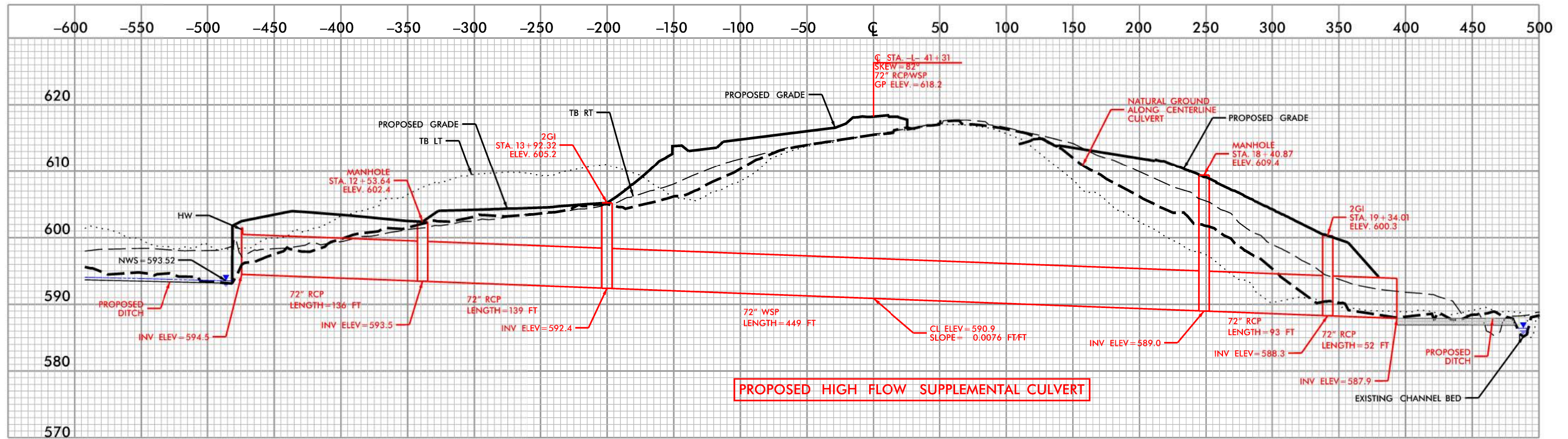
NOTE: MATCH EXISTING CROSS SLOPE AND GRADE AND MILL&FILL AND WIDEN AS SHOWN ALONG I-40

-  PROPOSED SIGNAL
 -  PAVED SHLD.
 -  APPROACH SLAB
 -  CONC. ISLAND, SIDEWALK
- FOR CURVE DATA SEE SHT 2B-1
FOR L- PROFILE SEE SHT.06
FOR L-NB PROFILE SEE SHT.08
FOR L-SB PROFILE SEE SHT.09
FOR YIRPA- PROFILE SEE SHT.10
FOR YISYPA- PROFILE SEE SHT.10
FOR YIRPB- PROFILE SEE SHT.11
FOR YISYPB- PROFILE SEE SHT.11
FOR YIRPC- PROFILE SEE SHT.12
FOR YISYPC- PROFILE SEE SHT.12
FOR YIRPD- PROFILE SEE SHT.13
FOR YISYPD- PROFILE SEE SHT.13
FOR Y1- Y2- & Y3- PROFILE SEE SHT.12

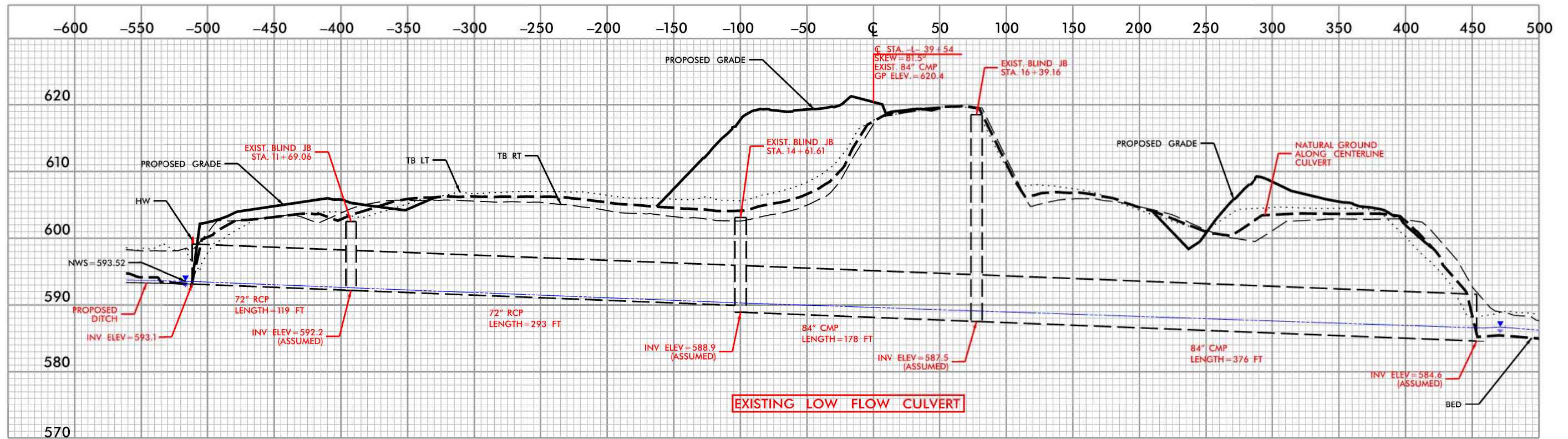
MATCHLINE - L- STA. 50+00.00 SEE SHEET 05

PROJECT REFERENCE NO.	SHEET NO.
I-6059	
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SITE 2



PROPOSED HIGH FLOW SUPPLEMENTAL CULVERT



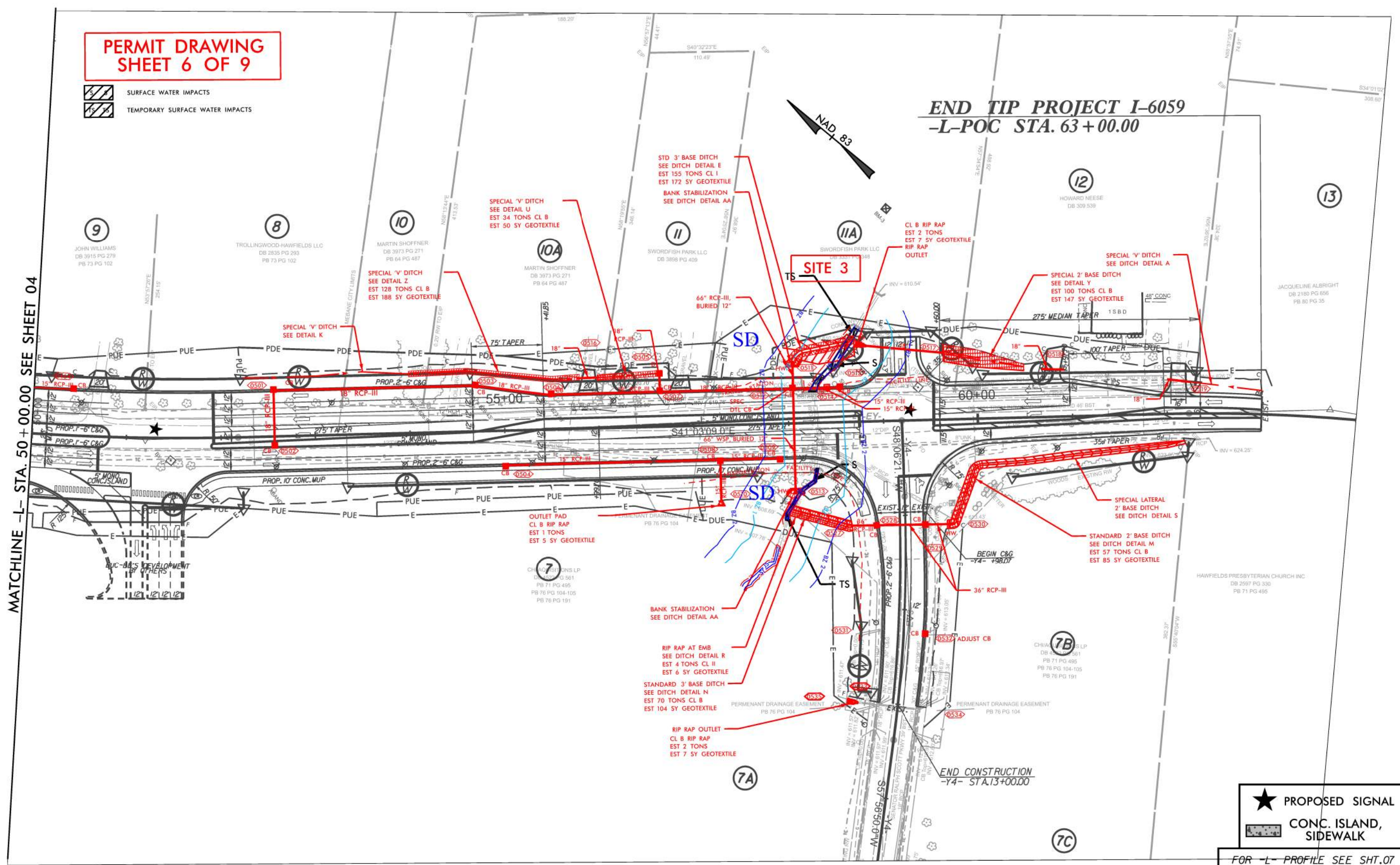
EXISTING LOW FLOW CULVERT

PERMIT DRAWING SHEET 6 OF 9

- SURFACE WATER IMPACTS
- TEMPORARY SURFACE WATER IMPACTS

END TIP PROJECT I-6059 -L-POC STA. 63+00.00

MATCHLINE -L- STA. 50+00.00 SEE SHEET 04



★ PROPOSED SIGNAL

CONC. ISLAND, SIDEWALK

FOR -L- PROFILE SEE SHT.07

FOR -Y4- PROFILE SEE SHT.14

FOR CURVE DATA SEE SHT 2B-1

7A

7C

7B

7

10A

11A

12

13

9

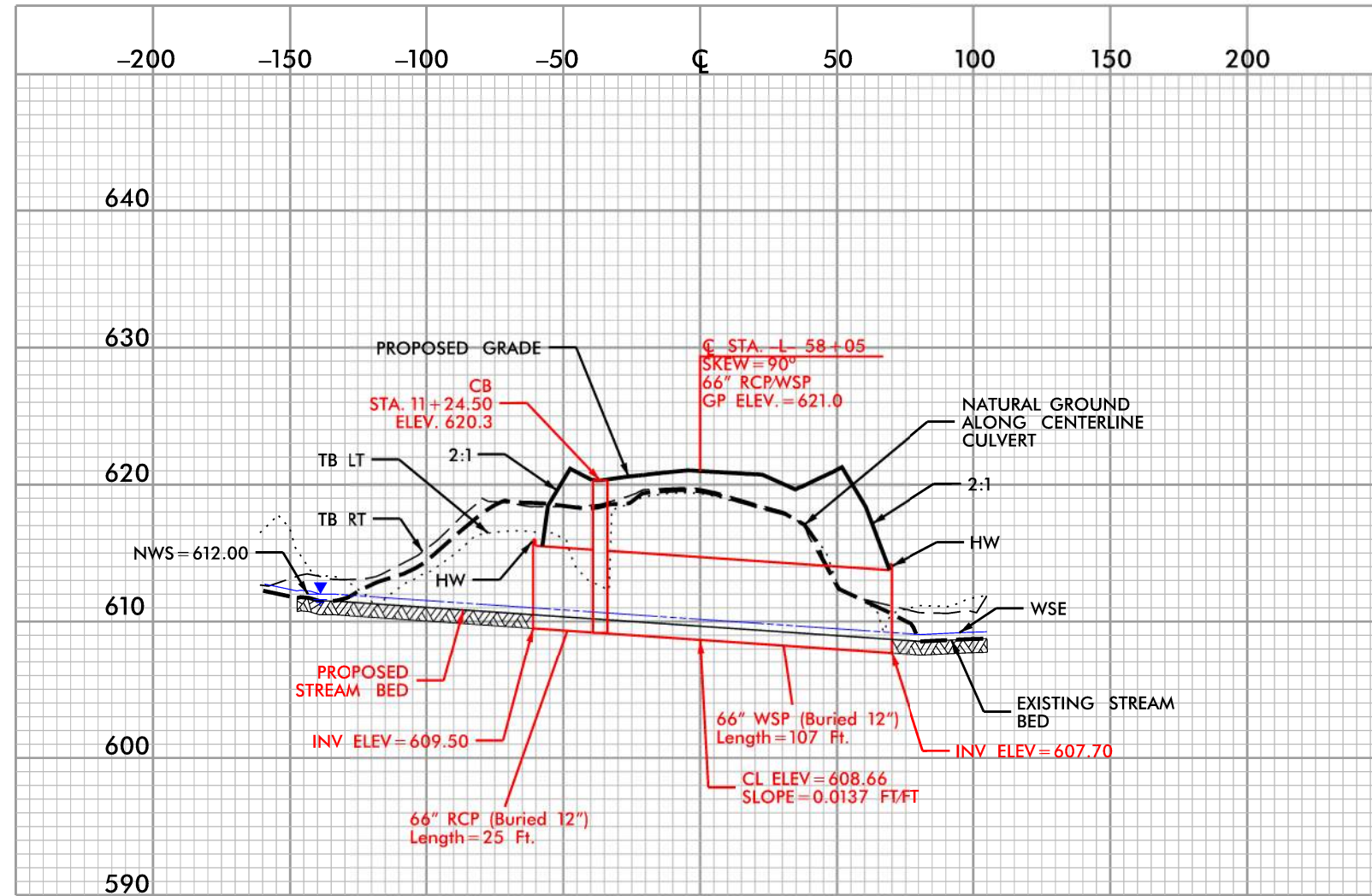
8

10

11

PROJECT REFERENCE NO.	SHEET NO.
I-6059	
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SITE 3



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	-Y1RPC-18+27/18+96, RT	BANK STABILIZATION, SC						0.01	< 0.01	67	12	
2	-Y1RPD-17+40/20+60, LT	DITCH EXCAVATION, SA						0.04	< 0.01	314	10	
3	-L- 57+94/58+76	66" WSP, SD						0.01	< 0.01	129	16	
TOTALS*:								0.07	< 0.01	510	38	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 07/18/2025
 ALAMANCE COUNTY

 I-6059
 SHEET 9 OF 9