



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
151 Patton Avenue, Room 208
Asheville, NC 28801-5006

August 20, 2025

Regulatory Division
SAW-2025-01305

North Carolina Department of Transportation
Attention: Mr. Tim Anderson, Division Engineer (Division 13)
PO Box 3279
Asheville, North Carolina 28802
Sent Via Email: ryallen@ncdot.gov

Dear Mr. Anderson,

This letter is in response to the application you submitted to the U.S. Army Corps of Engineers (USACE), Wilmington District, WRDA/Transportation Branch on June 27, 2025, for a Department of the Army general permit verification to replace a deficient bridge (**Bridge 145**) over Floyds Creek on SR 2125 in Rutherford County, North Carolina (35.2429, -81.8686). This project, which is also known as **B-6047**, has been assigned file number SAW-2025-01305. In order to perform this work, NCDOT proposes to conduct the following activities in waters of the U.S.:

Summary of Proposed Impacts

Impact ID #	NWP / GP #	Open Water (ac)		Wetland (ac)		Stream (lf)	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
Site 1 (Floyds Creek)	<u>RGP 50</u>						98' / bank stabilization
Site 2 (Floyds Creek)	<u>RGP 50</u>					34' / bank stabilization	
Site 3 (Floyds Creek)	<u>RGP 50</u>					24' (0.01 ac)/ work pads/ causeways	
Impact Totals		0	0	0	0	58'	98'
Total Loss of waters of the U.S. (wetlands and/or open waters)			0	Total Loss of waters of the U.S.			0

We have reviewed the proposed activities in waters of the U.S. and have determined that the activities are authorized by Regional General Permit (RGP) 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 following:

- enclosed general and special conditions of RGP 50
- special conditions of the verification letter for this project (see below)
- information in the PCN and attachments
- enclosed project plans

If the extent of the project area and/or nature of the authorized impacts to waters are modified, a request detailing the proposed changes must be submitted to this office for written approval before work is initiated. Any deviation from the terms and conditions of the permit, the special conditions of this letter, the information contained in the PCN, or your submitted plans, may subject the permittee to enforcement action. This verification is valid until **May 25, 2030**, unless the subject RGP is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the RGP.

Project Specific Special Conditions:

1. The U.S. Fish and Wildlife Service (USFWS) issued a Biological Opinion (BO) titled, "Biological Opinion, Replace Bridge 145 on Harris Henrietta Road (SR 2125) over Floyds Creek, Rutherford County, North Carolina, Service Log #21-337" on May 9, 2024. This BO contains mandatory Reasonable and Prudent Measures and Terms and Conditions that are associated with "incidental take" for this project. Your authorization under RGP 50 and this verification letter is conditional upon your compliance with the mandatory reasonable and prudent measures and terms and conditions associated with incidental take for the species associated with this project, as detailed in this BO; the terms and conditions are incorporated by reference in this verification letter. Failure to comply with these reasonable and prudent measures and terms and conditions, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your authorization for this project. The USFWS is the appropriate authority to determine compliance with the reasonable and prudent measures and terms and conditions of its BO, and with the Endangered Species Act.
2. The permittee shall ensure that the causeways constrict no more than 50% of stream flow at any one time.
3. The permittee shall ensure that any equipment that is placed on the causeways is removed when either of the following situations is forecasted or anticipated: (1) the water level will rise to a point where the equipment could be flooded (even during work days), and/or (2) the water level is expected to rise overnight, or over a non-work period of time, to a point where the equipment could be flooded.

4. Upon completion of work that requires the causeways to be in the stream, the permittee shall remove all readily detectible causeway material, to the extent practicable, while removing as little of the original streambed as possible.
5. NCDOT shall require its contractors and/or agents to comply with the terms and conditions of this authorization letter in the construction and maintenance of this project and shall provide each of its contractors and/or agents associated with the construction or maintenance of this project with a copy of this authorization letter, all conditions, and any authorized modifications. A copy of this authorization letter, all conditions, and any authorized modifications, shall be available at the project site during construction and maintenance of this project.

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 Lori Beckwith, Regulatory Project Manager of the WRDA/Transportation Branch at 828-230-0483, by mail at the above address, or by email at loretta.a.beckwith@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
USACE, Wilmington District

Enclosures

Compliance Certification Form

File Number: SAW-2025-01305

County: Rutherford

Permittee: NCDOT, Mr. Tim Anderson

Project Name: NCDOT / B-6047 / Br 145 / SR 2125 / Rutherford / Div 13

Date Verification Issued: August 20, 2025

Project Manager: Lori Beckwith

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

**US ARMY CORPS OF ENGINEERS
Wilmington District
Attn: Lori Beckwith
151 Patton Avenue, Room 208
Asheville, NC 28801-5006
or
loretta.a.beckwith@usace.army.mil**

Please note that your permitted activity is subject to a compliance inspection by a U. S. Army Corps of Engineers representative. Failure to comply with any terms or conditions of this authorization may result in the USACE suspending, modifying or revoking the authorization and/or issuing a Class I administrative penalty, or initiating other appropriate legal action.

I hereby certify that the work authorized by the above referenced permit, and mitigation (if applicable), has been completed in accordance with the terms and conditions of the said permit and verification letter, including all applicable conditions.

Date Authorized Work Started: _____ Completed: _____

Describe any deviations from permit (attach drawing(s) depicting the deviations):

***Note: The description of any deviations on this form does not constitute approval by the USACE.**

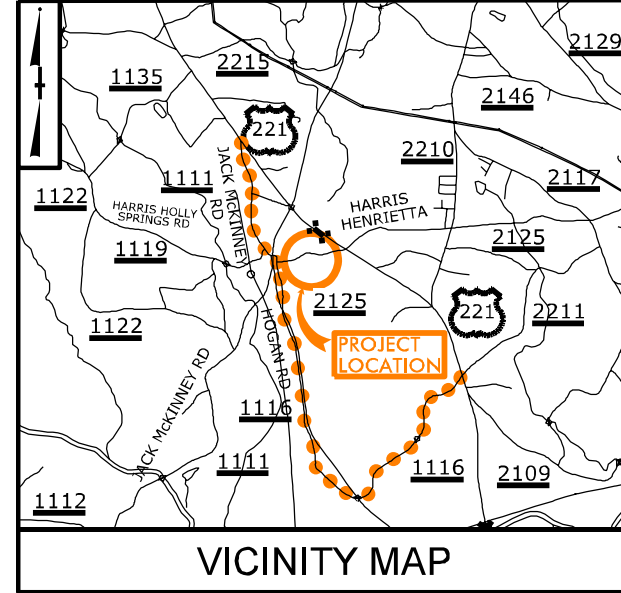
Signature of Permittee

Date

TIP PROJECT: B-6047

CONTRACT:

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols

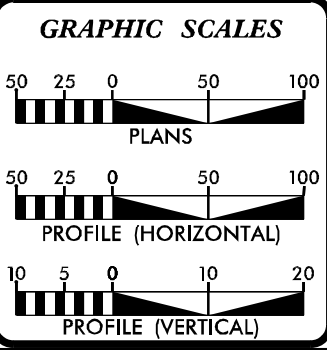


VICINITY MAP

● OFFSITE DETOUR ROUTE

25% SUBMITTAL PLANS

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.



DESIGN DATA	
ADT 2021 =	720
ADT 2040 =	800
K =	%
D =	%
T =	3 % *
V =	40 MPH
* (TTST = 1% + DUAL = 2%)	
FUNC CLASS =	RURAL LOCAL
* SUB-REGIONAL TIER GUIDELINES	

PROJECT LENGTH	
LENGTH ROADWAY PROJECT B-6047	= 0.068 MI
LENGTH STRUCTURE PROJECT B-6047	= 0.032 MI
TOTAL LENGTH PROJECT B-6047	= 0.100 MI

PREPARED IN THE OFFICE OF:

WSP WSP USA
1434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 919.836.4000
FAX: 919.836.4099
LICENSE NO. F-0165

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 15, 2022

LETTING DATE:
NOVEMBER 21, 2023

NCDOT CONTACT: **MIKE CALLOWAY**
STRUCTURES MANAGEMENT UNIT

HOLLY CHRISTENBURY, PE
PROJECT ENGINEER

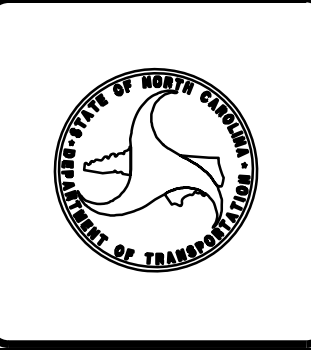
SAYMA AFREEN
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.



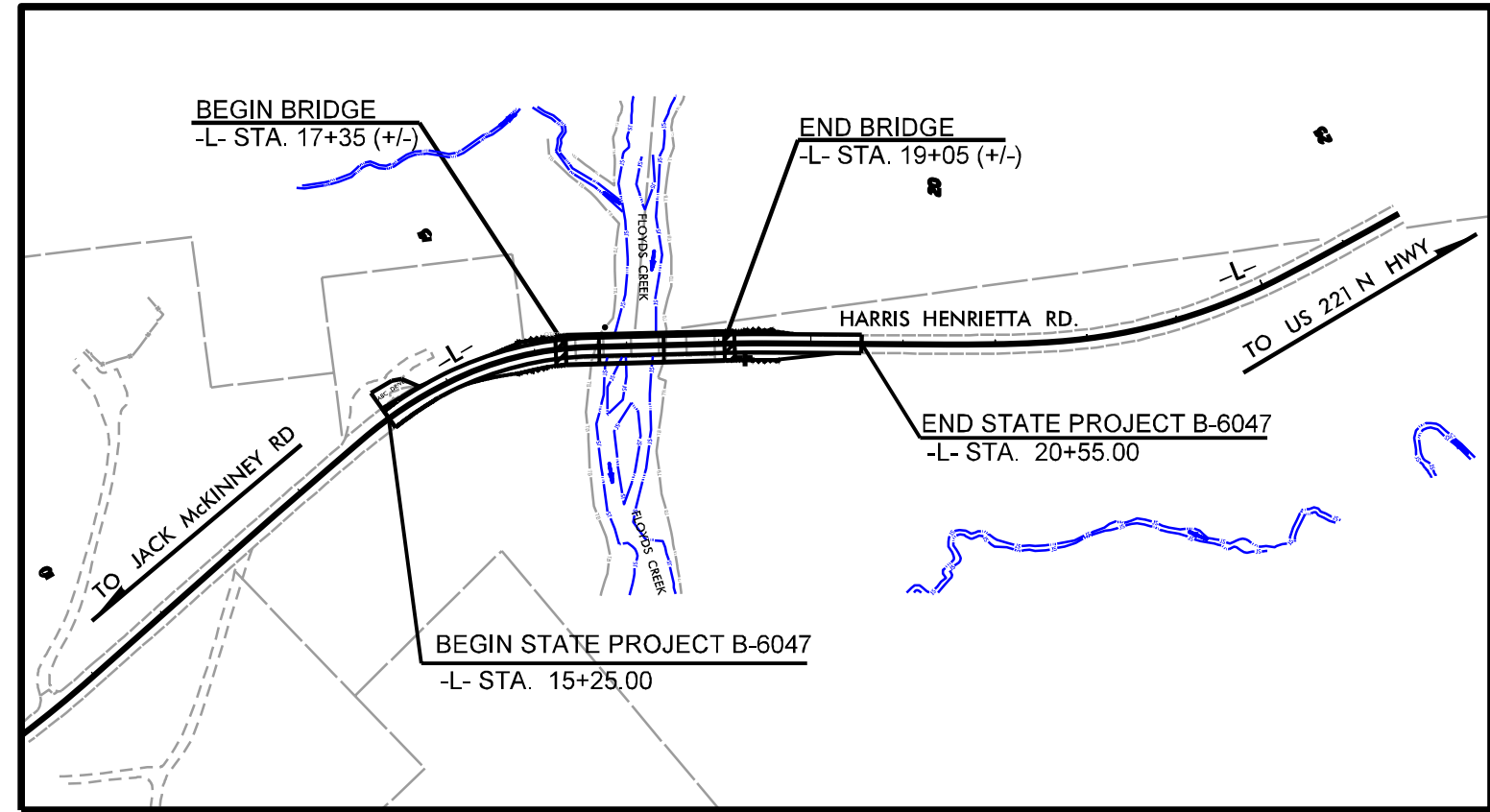
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

RUTHERFORD COUNTY

LOCATION: BRIDGE 145 ON SR 2125 OVER FLOYDS CREEK

TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNING,
TRAFFIC CONTROL AND STRUCTURE

WETLAND AND SURFACE WATER IMPACTS PERMIT 06-23-2022



PERMIT DRAWING
SHEET 1 OF 4

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.
B-6047

SHEET NO.

R/W SHEET NO.

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
WSP USA
431 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 919.856.4010
FAX: 919.856.4099
LICENSE NO. F-0165

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)

Min. D = 0.50 Ft.

FROM STA. 15+75 TO STA. 17+25 -L- LT

DETAIL C
TOE PROTECTION
(Not to Scale)

Type of Liner = Class B Rip-Rap

FROM STA. 19+50 TO STA. 19+91 LT

DETAIL B
BANK STABILIZATION
(Not to Scale)

Type of Liner = Class B Rip-Rap

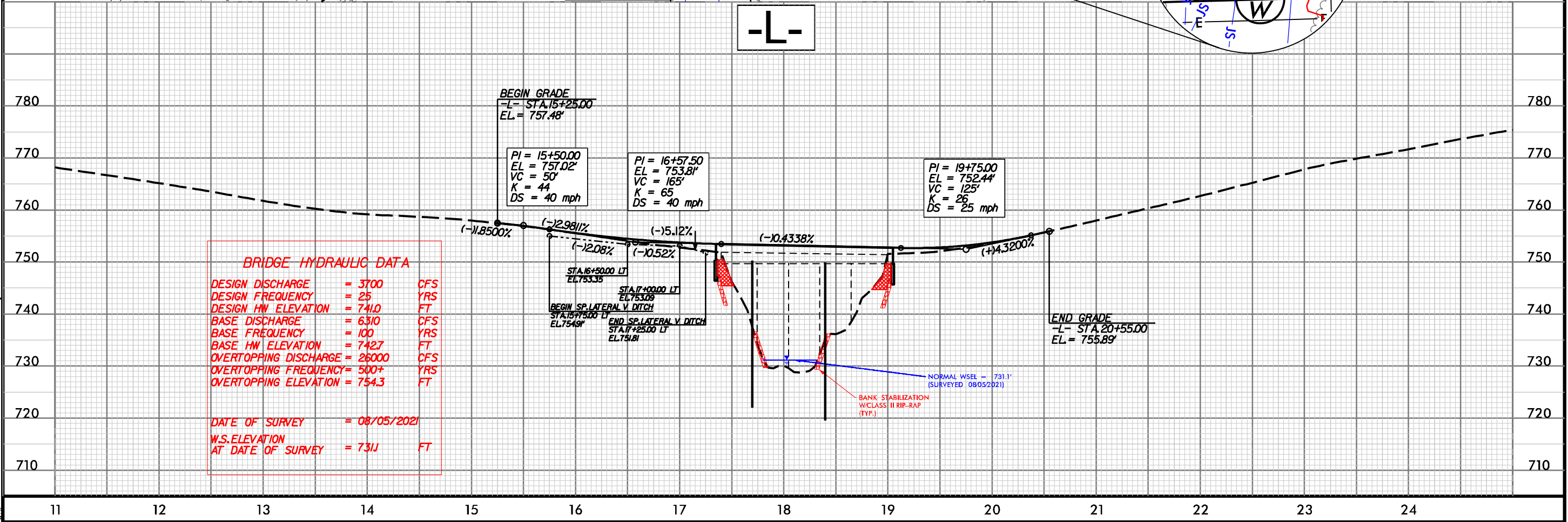
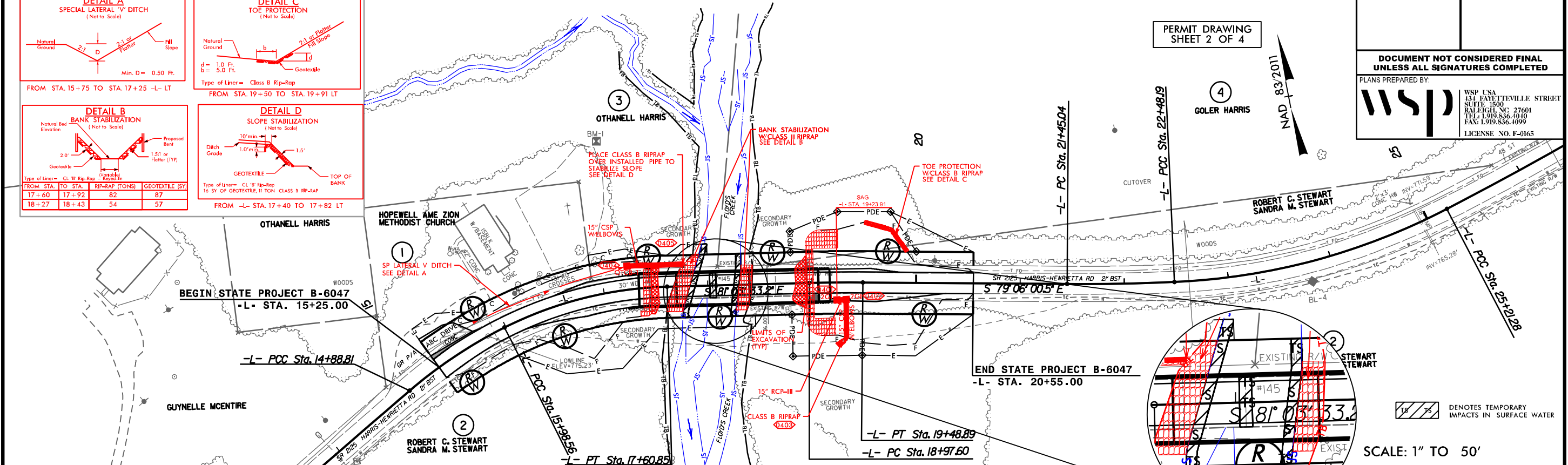
FROM STA.	TO STA.	RIP-RAP (TONS)	GEOTEXTILE (SY)
17+60	17+92	82	87
18+27	18+43	54	57

DETAIL D
SLOPE STABILIZATION
(Not to Scale)

Type of Liner = Class B Rip-Rap

16 SY OF GEOTEXTILE, 11 TON CLASS B RIP-RAP

FROM -L- STA. 17+40 TO 17+82 LT

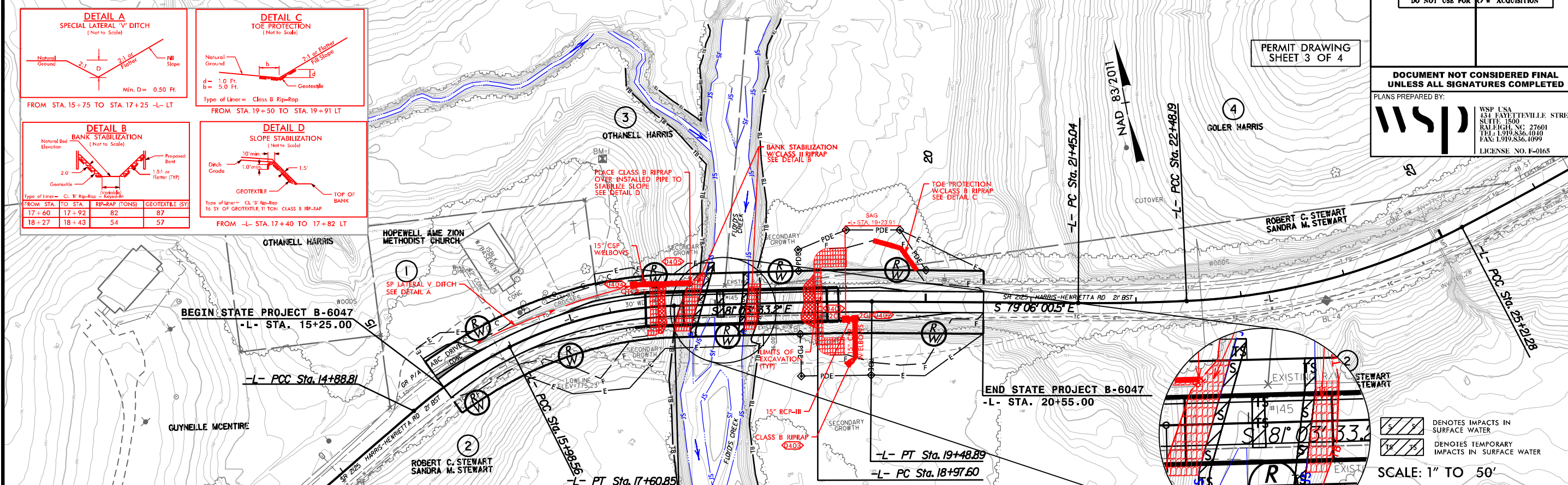
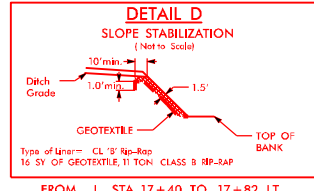
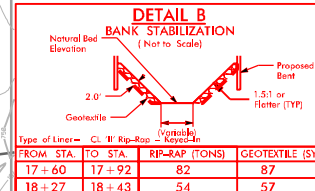
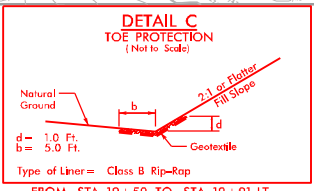
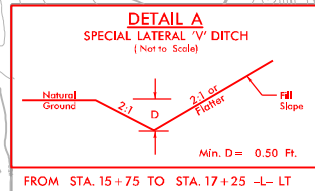


REVISIONS

8/17/99

23-JUN-2022 08:49
\\PERMITS\Environmental\PSH\B-6047_hyd.prm-wet_Psh04_contours.dgn
WSP

REVISIONS



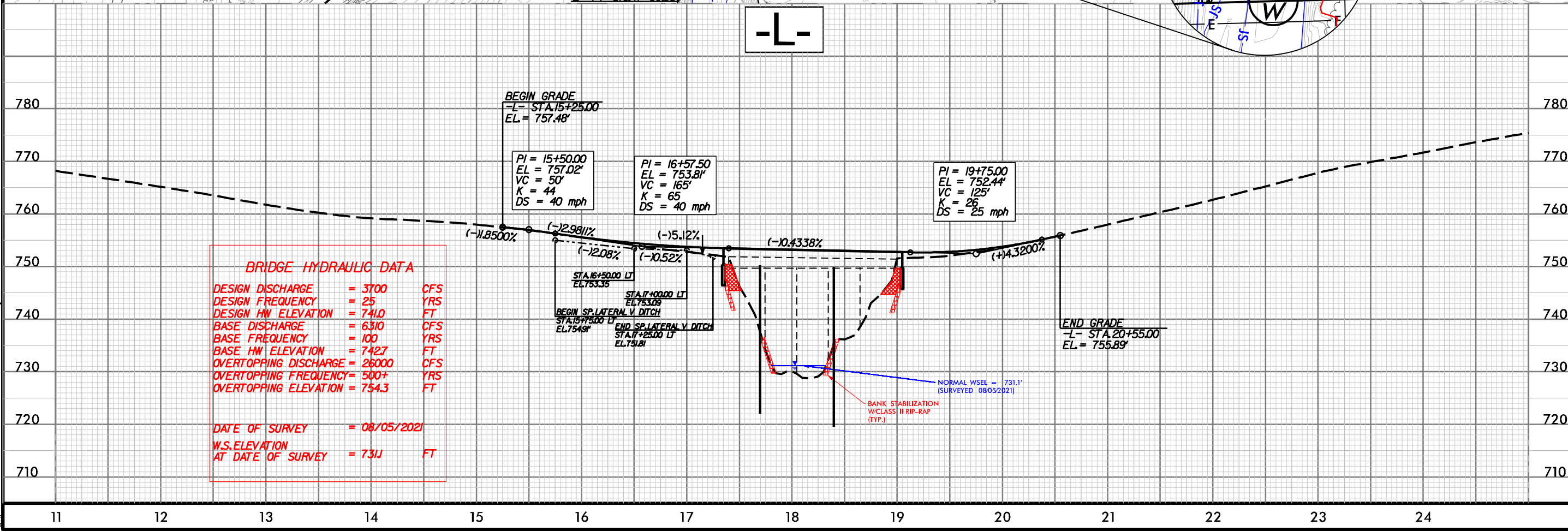
PERMIT DRAWING
SHEET 3 OF 4

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
WSP
WSP USA
431 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.856.4010
FAX: 1.919.856.4099
LICENSE NO. F-0165

SCALE: 1" TO 50'

LEGEND:
[Symbol] DENOTES IMPACTS IN SURFACE WATER
[Symbol] DENOTES TEMPORARY IMPACTS IN SURFACE WATER



BRIDGE HYDRAULIC DATA

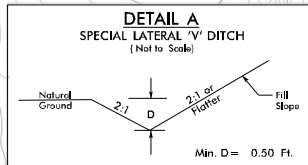
DESIGN DISCHARGE	= 3700	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 741.0	FT
BASE DISCHARGE	= 6310	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 7427	FT
OVERTOPPING DISCHARGE	= 26000	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 754.3	FT

DATE OF SURVEY = 08/05/2021
W.S.ELEVATION AT DATE OF SURVEY = 731.1 FT

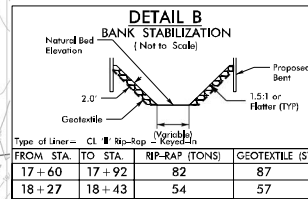
8/17/99

REVISIONS

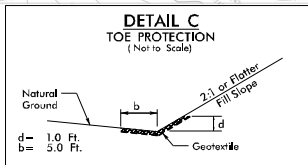
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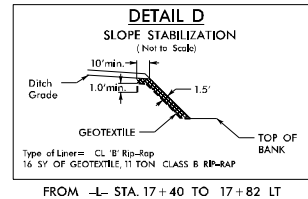
FROM STA. 15+75 TO STA. 17+25 -L- LT



FROM STA.	TO STA.	RIIP-RAP (TONS)	GEOTEXTILE (SY)
17+60	17+92	82	87
18+27	18+43	54	57



FROM STA. 19+50 TO STA. 19+91 LT



FROM -L- STA. 17+40 TO 17+82 LT

-L- CURVE DATA							
PI Sta 14+04.46 $\Delta = 0^\circ 57' 59.8''$ (RT) $D = 0^\circ 34' 22.6''$ $L = 168.71'$ $T = 84.36'$ $R = 10,000.00'$ DS = EXIST	PI Sta 15+43.96 $\Delta = 13^\circ 58' 24.0''$ (RT) $D = 12^\circ 43' 56.6''$ $L = 109.75'$ $T = 55.15'$ $R = 450.00'$ DS = 35 MPH SE = 0.04 RO = 70'	PI Sta 16+81.03 $\Delta = 25^\circ 07' 51.7''$ (RT) $D = 15^\circ 29' 07.2''$ $L = 162.29'$ $T = 82.47'$ $R = 370.00'$ DS = 30 MPH SE = 0.04 RO = 70'	PI Sta 19+23.25 $\Delta = 1^\circ 57' 32.8''$ (RT) $D = 3^\circ 49' 11.0''$ $L = 51.29'$ $T = 25.65'$ $R = 1,500.00'$ DS = EXIST	PI Sta 21+96.63 $\Delta = 2^\circ 57' 18.7''$ (LT) $D = 2^\circ 51' 53.2''$ $L = 103.16'$ $T = 51.59'$ $R = 2,000.00'$ DS = EXIST	PI Sta 23+86.95 $\Delta = 25^\circ 02' 06.5''$ (LT) $D = 9^\circ 10' 02.4''$ $L = 273.09'$ $T = 138.76'$ $R = 625.00'$ DS = EXIST	PI Sta 25+94.26 $\Delta = 1^\circ 56' 24.5''$ (LT) $D = 1^\circ 19' 45.7''$ $L = 145.95'$ $T = 72.98'$ $R = 4,310.00'$ DS = EXIST	

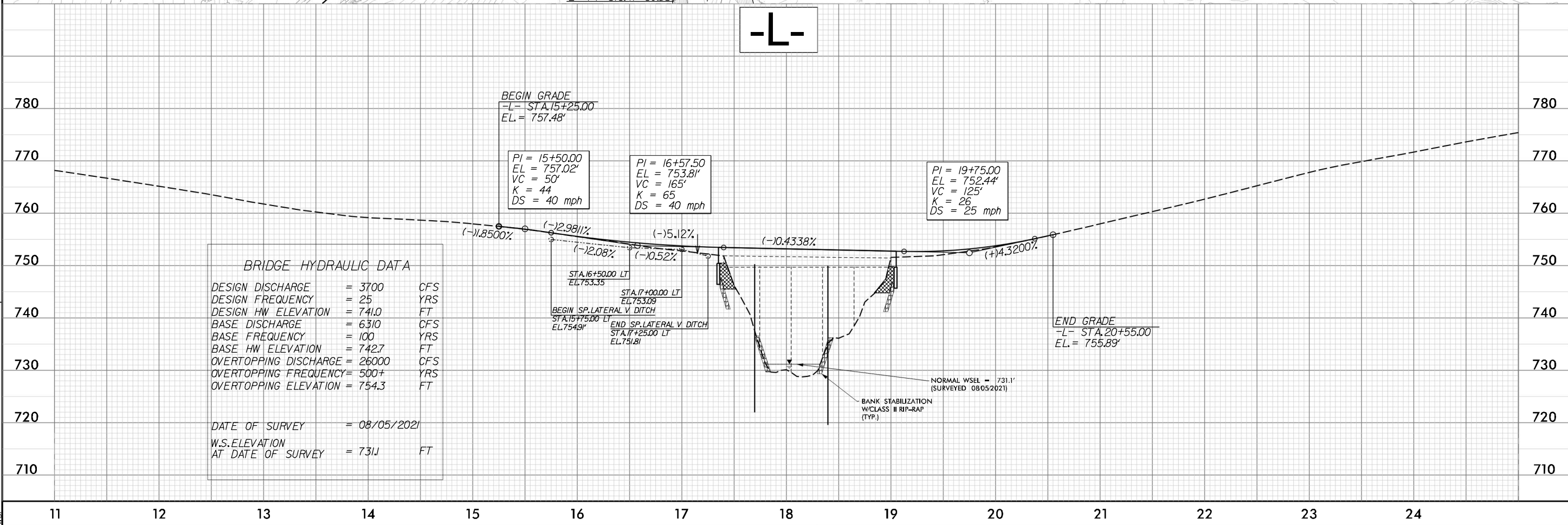
PERMIT DRAWING
SHEET 4 OF 4

NAD 83/2011

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:

WSP
WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 919.856.4040
FAX: 919.856.4099
LICENSE NO. E-0165



NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

WETLAND AND SURFACE WATER IMPACTS SUMMARY												
			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
	17+75 to 18+00	Bank Stabilization						< 0.01	< 0.01	57	17	
	18+02 to 18+08	Existing Pier Removal							< 0.01		24	
	18+21 to 18+32	Bank Stabilization						< 0.01	< 0.01	41	17	
TOTALS*:								0.01	< 0.01	98	58	0

NOTES:

SHEET 1 OF 1