

U.S. ARMY CORPS OF ENGINEERS
WILMINGTON DISTRICT

Action Id. SAW-2022-01545 County: Richmond U.S.G.S. Quad: NC-Rockingham

GENERAL PERMIT (REGIONAL AND NATIONWIDE) VERIFICATION

Permittee: NCDOT Division 8
Art King
Address: 121 DOT Drive
Carthage, NC 28327
Telephone Number: 910-773-8000
E-mail: acking@ncdot.gov

Size (acres) N/A
Nearest Waterway Solomons Creek
USGS HUC 03040201

Nearest Town Rockingham
River Basin Lower Pee Dee
Coordinates Latitude: 34.8842
Longitude: -79.8050

Location description: The project site is existing Bridge 140 over Solomons Creek, on Sandhill Road, near the town of Rockingham, Richmond County, North Carolina.

Description of projects area and activity: This verification authorizes impacts to 0.320 acre of wetlands and 30 LF of stream channel for the replacement of Bridge 140 in the same location. Mitigation is required for this proposal.

Applicable Law(s): ☒ Section 404 (Clean Water Act, 33 USC 1344)
☐ Section 10 (Rivers and Harbors Act, 33 USC 403)

Authorization: **Nationwide Permits 13 and 3**

SEE ATTACHED NWP GENERAL, REGIONAL, AND/OR SPECIAL CONDITIONS

Your work is authorized by the above referenced permit provided it is accomplished in strict accordance with the attached Conditions, your application signed and dated 7/14/2022, and the enclosed plans entitled “BP8.R013” dated 4/29/2022. Any violation of the attached conditions or deviation from your submitted plans may subject the permittee to a stop work order, a restoration order, a Class I administrative penalty, and/or appropriate legal action.

This verification will remain valid until the expiration date identified below unless the nationwide and/or regional general permit authorization is modified, suspended or revoked. If, prior to the expiration date identified below, the nationwide and/or regional general permit authorization is reissued and/or modified, this verification will remain valid until the expiration date identified below, provided it complies with all requirements of the modified nationwide permit. If the nationwide and/or regional general permit authorization expires or is suspended, revoked, or is modified, such that the activity would no longer comply with the terms and conditions of the nationwide permit, activities which have commenced (i.e., are under construction) or are under contract to commence in reliance upon the nationwide and/or regional general permit, will remain authorized provided the activity is completed within twelve months of the date of the nationwide and/or regional general permit's expiration, modification or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend or revoke the authorization.

Activities subject to Section 404 (as indicated above) may also require an individual Section 401 Water Quality Certification. You should contact the NC Division of Water Resources (telephone 919-807-6300) to determine Section 401 requirements.

For activities occurring within the twenty coastal counties subject to regulation under the Coastal Area Management Act (CAMA), prior to beginning work you must contact the N.C. Division of Coastal Management **Morehead City, NC, at (252) 808-2808.**

This Department of the Army verification does not relieve the permittee of the responsibility to obtain any other required Federal, State or local approvals/permits. If there are any questions regarding this verification, any of the conditions of the Permit, or the Corps of Engineers regulatory program, please contact James Lastinger at 919-554-4884 ext 32 or James.C.Lastinger@usace.army.mil.

Corps Regulatory Official: James Lastinger Date: 07/27/2022
Expiration Date of Verification: 3/14/2026

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete the Customer Satisfaction Survey located at http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0

Copy furnished:

SPECIAL CONDITIONS

a. In order to compensate for impacts associated with this permit, mitigation shall be provided in accordance with the provisions outlined on the most recent version of the attached Compensatory Mitigation Responsibility Transfer Form. The requirements of this form, including any special conditions listed on this form, are hereby incorporated as special conditions of this permit authorization.

b. The U.S. Fish and Wildlife Service's (USFWS's) Programmatic Biological Opinion (PBO) titled, "NCDOT Program Effects on the Northern Long-eared Bat in Divisions 1-8", dated November 6, 2020, contains agreed upon conservation measures for the NLEB. As noted in the PBO, applicability of these conservation measures varies depending on the location of the project. Your authorization under this Department of the Army permit is conditional upon your compliance with all applicable conservation measures in the PBO, which are incorporated by reference in this permit. Failure to comply with the applicable conservation measures would constitute non-compliance with your Department of the Army permit. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its PBO, and with the ESA.

Action ID Number: SAW-2022-01545

County: Richmond

Permittee: NCDOT Division 8, Art King

Project Name: NCDOT / BP8.R013 / Bridge 140 SR 1971 / Sandhill Road / Solomon's Creek / Richmond County / Div 8

Date Verification Issued: 07/27/2022

Project Manager: James Lastinger

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: James Lastinger
Raleigh Regulatory Office
U.S Army Corps of Engineers
3331 Heritage Trade Drive, Suite 105
Wake Forest, North Carolina 27587
or
James.C.Lastinger@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 Corps suspending, modifying or revoking the authorization and/or issuing a Class I administrative penalty, or initiating other appropriate legal action.

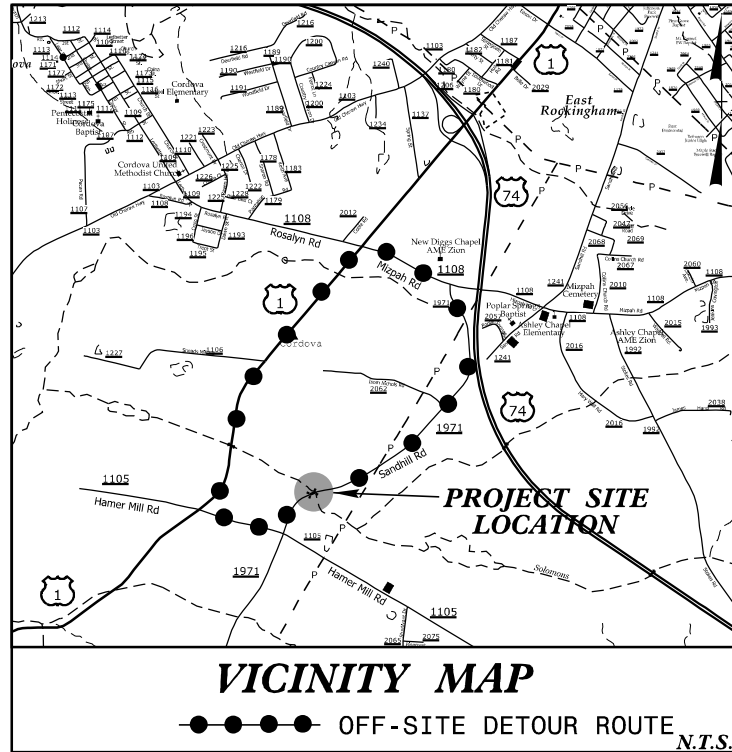
I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and condition of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

PROJECT: **BP8.R013**

CONTRACT:



WETLAND AND SURFACE WATER
IMPACTS PERMIT
APRIL 28, 2022

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

CFI PLANS
FEBRUARY xx, 2022

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

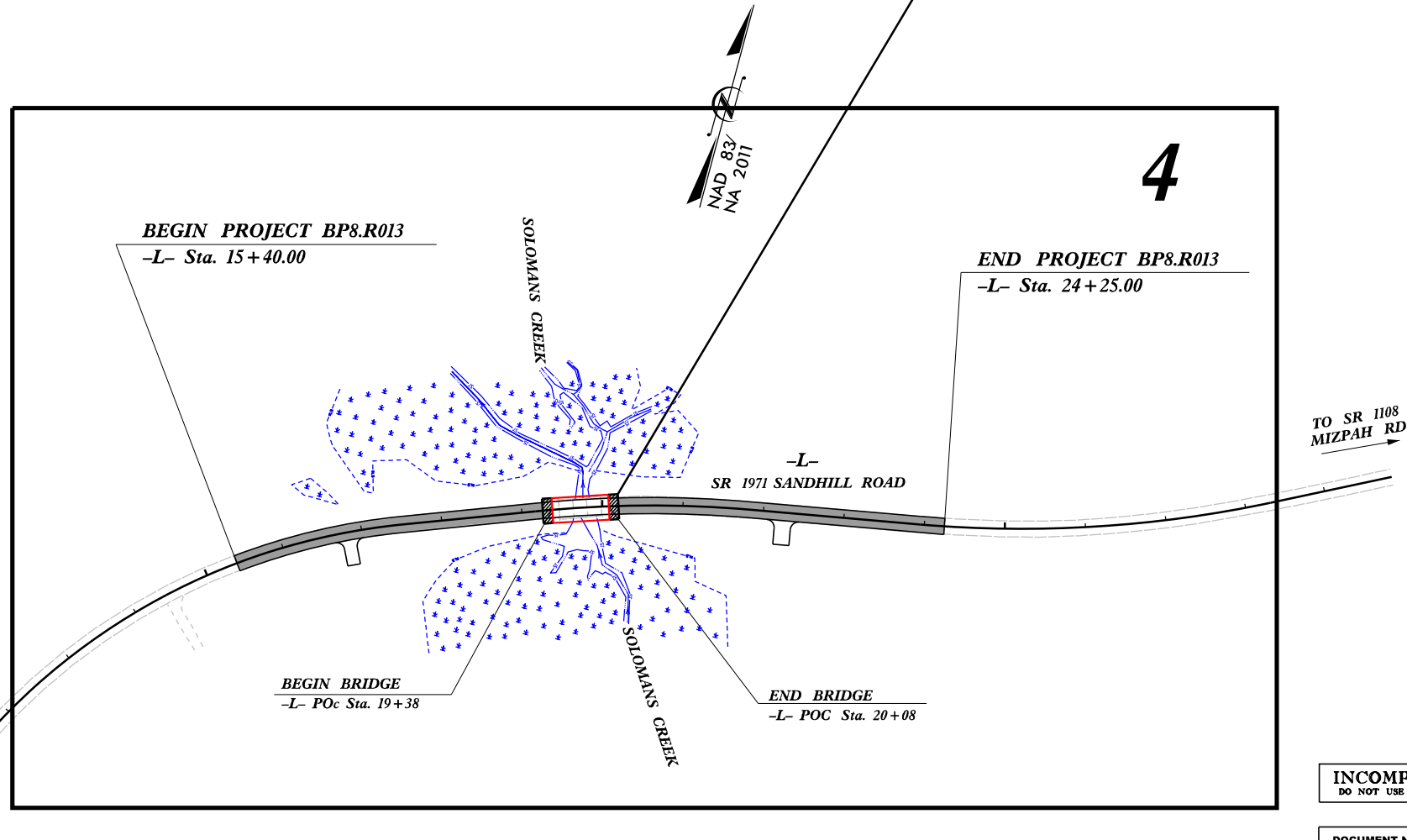
RICHMOND COUNTY

LOCATION: **BRIDGE 760140 OVER SOLOMANS CREEK
ON SR 1971 (SANDHILL ROAD)**

TYPE OF WORK: **GRADING, DRAINAGE, PAVING & STRUCTURES**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP8.R013	1	
STATE PROJ.NO.	F.A. PROJ.NO.	DESCRIPTION	
BP8.R013.1		P.E.	
		RW & Utilities	
		Construction	
		PERMIT SHEET	DRAWING 1 OF 8

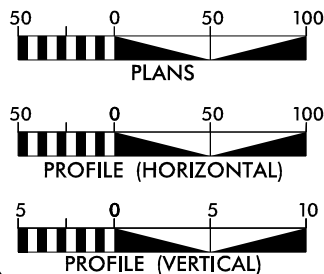
SITE 1



INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT 2015 = 140
ADT 2025 = 280
K = %
D = %
T = 6 % *
V = 50 MPH
* TTST = DUAL
FUNC CLASS =
LOCAL
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY PROJECT BP8.R013 = 0.154 mi
LENGTH STRUCTURE PROJECT BP8.R013 = 0.014 mi
TOTAL LENGTH OF PROJECT BP8.R013 = 0.168 mi

PLANS PREPARED BY:
CH ENGINEERING
3220 GLEN ROYAL RD. RALEIGH, NC 27617
TELE 919.788.0221 FAX 919.788.0232
NC LICENSE #P-0189

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 2022

LETTING DATE:
OCTOBER 2022

PLANS PREPARED FOR:
DIVISION OF HIGHWAYS
DIVISION 8
121 DOT Drive
Carthage, NC 28327

BRIAN A. WILES, PE
PROJECT ENGINEER

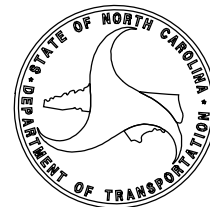
TIM WELCH, PE
NCDOT CONTACT
DIV 8 BRIDGE PROGRAM MANAGER

HYDRAULICS ENGINEER
MI ENGINEERING

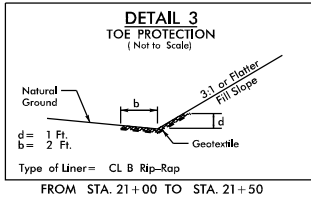
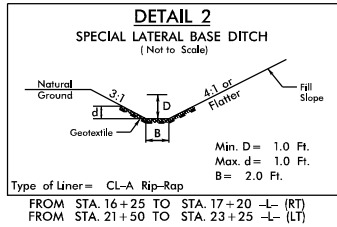
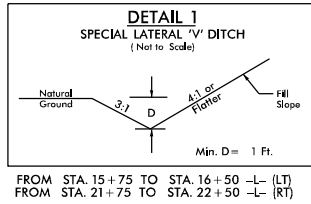
SIGNATURE: P.E.

ROADWAY DESIGN
ENGINEER

SIGNATURE: P.E.



8/17/99



3220 GLEN ROYAL RD. RALEIGH, NC 27617
TELE 919.788.0224 FAX 919.788.0232
NC LICENSE #P-0189

Kimley»Horn

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, N.C. 27601

PROJECT REFERENCE NO.	SHEET NO.
BP8.R013	4
RICHMOND COUNTY BRIDGE #140	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
PERMIT DRAWING SHEET 2 OF 8	

NAD 83 NA 2011

SITE 1

20

25

DAVID EDWARD COTE, SR.
DB 1354 PG 546

-L- POC Sta. 15+40.00
BEGIN CONSTRUCTION

CLASS B RIP RAP
EST 3 TONS
EST 20 S.Y. GFD

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

TOE PROTECTION
SEE DETAIL 3
EST. 13 TONS CL-B RIPRAP
EST. 28 S.Y. GFD

SPECIAL LATERAL BASE DITCH
SEE DETAIL 2
67 TONS CL-A RIP RAP
120 S.Y. GFD

THE NICHOLAS W. DOCKERY TRUST
DB 1005 PG 469
PB 641 PG B

PC Sta. 23+95.21

THE NICHOLAS W. DOCKERY TRUST
DB 1005 PG 469
PB 641 PG B

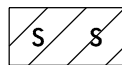
-L- POC Sta. 24+25.00
END CONSTRUCTION

SITE 2

INSTALL SBG
-L- STA 17+50.1
TO 19+25.6 RT

CECIL A. WILSON AND WIFE,
KATHY P. WILSON
DB 765 PG 1
PB 615 PG D

LEGEND



SURFACE WATER IMPACTS



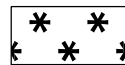
HAND CLEARING (NON-GRUBBING)



FILL IN WETLAND

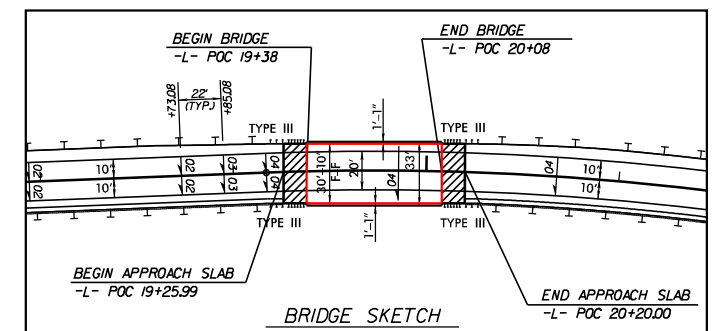


TEMPORARY SURFACE WATER IMPACTS



MECHANIZED CLEARING (GRUBBING)

FOR PROFILE, SEE SHEET 5

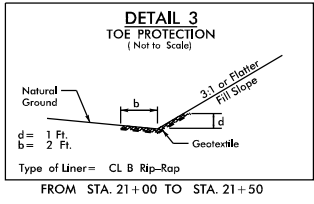
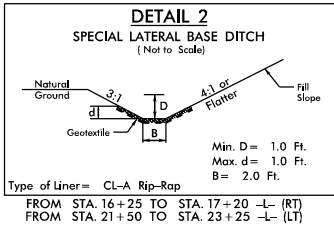
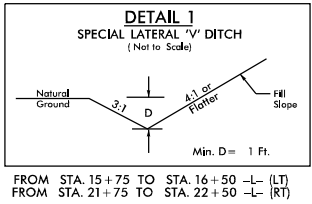


REVISIONS

4/29/2022
760140_hyd_psh_04.dgn

8/17/99

4/29/2022
760140_hjd_psh_04_con.dgn



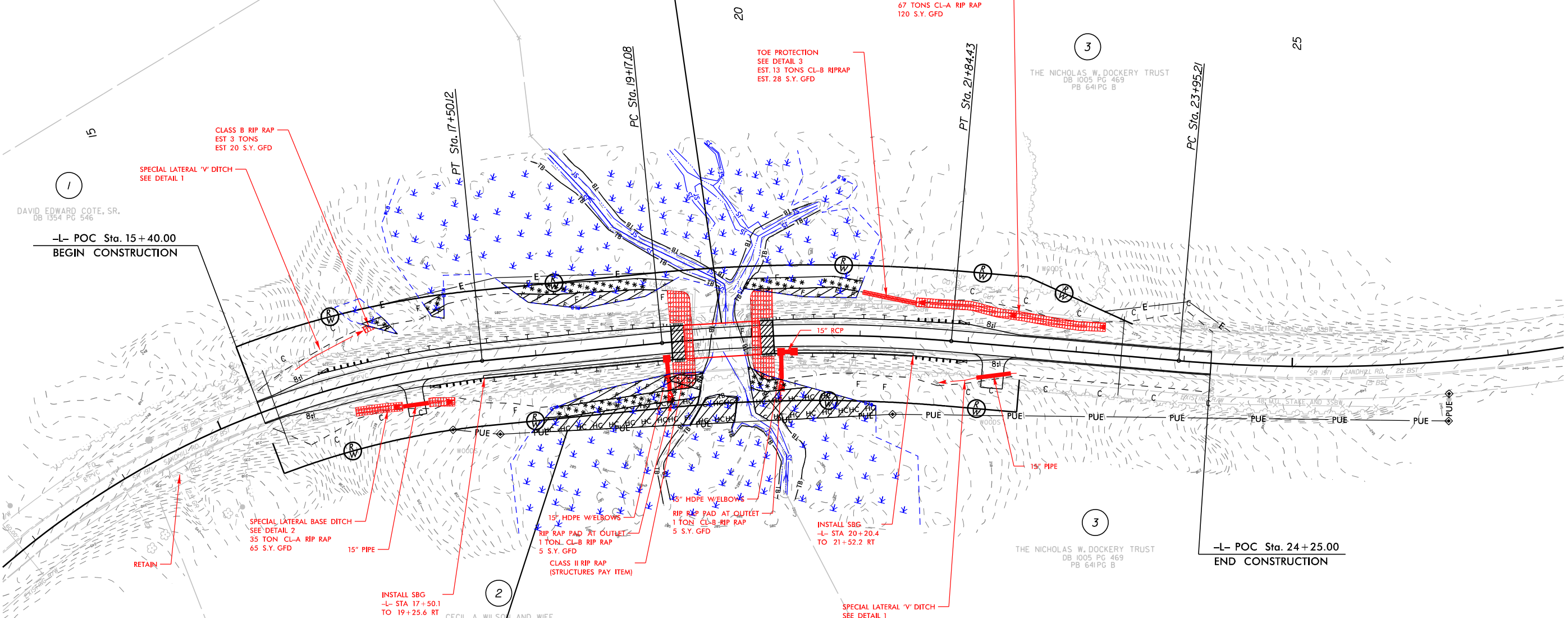
3220 GLEN ROYAL RD. RALEIGH, NC 27617
TELE 919.788.0224 FAX 919.788.0232
NC LICENSE #P-0189

Kimley»Horn
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, N.C. 27601

PROJECT REFERENCE NO.	SHEET NO.
BP8.R013	4
RICHMOND COUNTY BRIDGE #140	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
PERMIT DRAWING SHEET 3 OF 8	

NAD 83 NA 2011

SITE 1

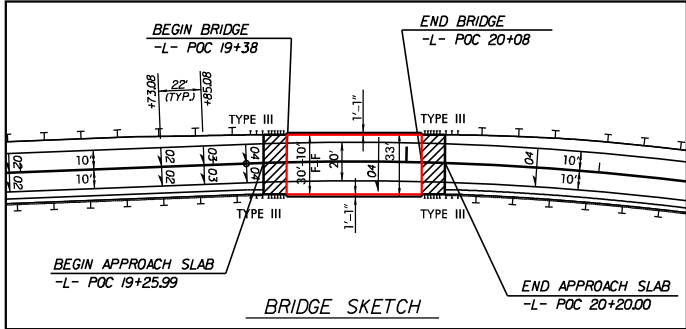


SITE 2

LEGEND

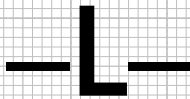
	SURFACE WATER IMPACTS		HAND CLEARING (NON-GRUBBING)		FILL IN WETLAND
	TEMPORARY SURFACE WATER IMPACTS		MECHANIZED CLEARING (GRUBBING)		

FOR PROFILE, SEE SHEET 5



5/14/99

4/22/2022
4601402.rxd.plt.dgn



3220 GLEN ROYAL RD. RALEIGH, NC 27617
TELE 919.788.0224 FAX 919.788.0232
NC LICENSE #P-0189



421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, N.C. 27601

PROJECT REFERENCE NO.

BP8.R013

SHEET NO.

5

ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

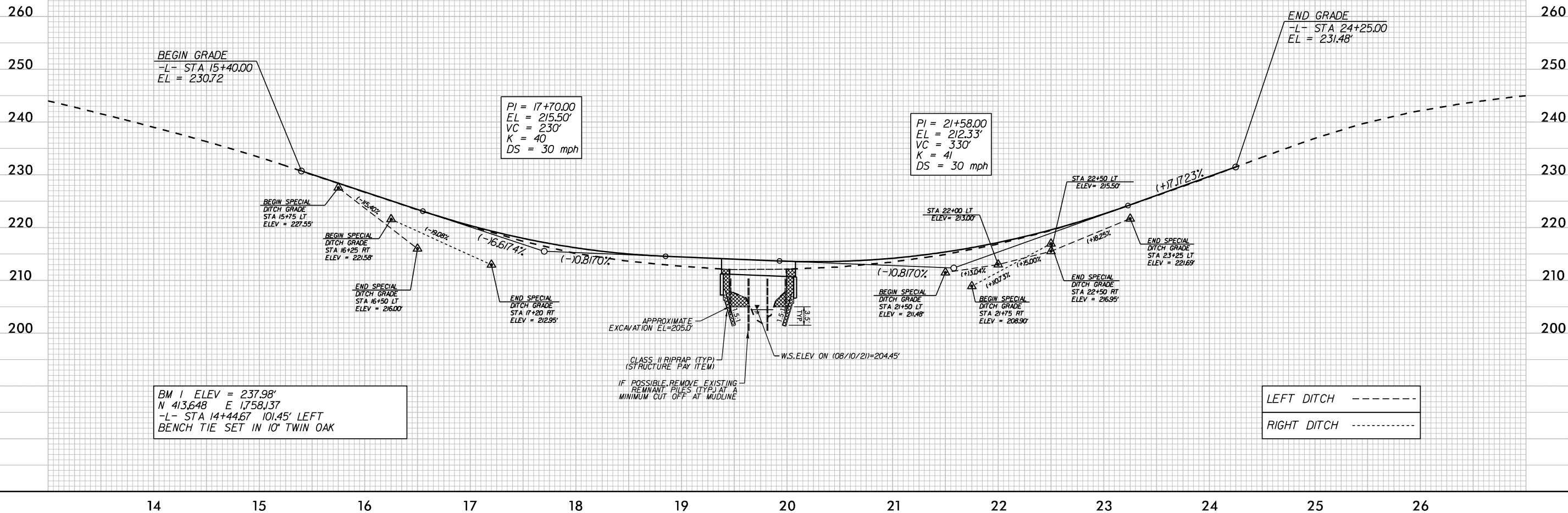
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PERMIT DRAWING
SHEET 4 OF 8

BRIDGE HYDRAULIC DATA

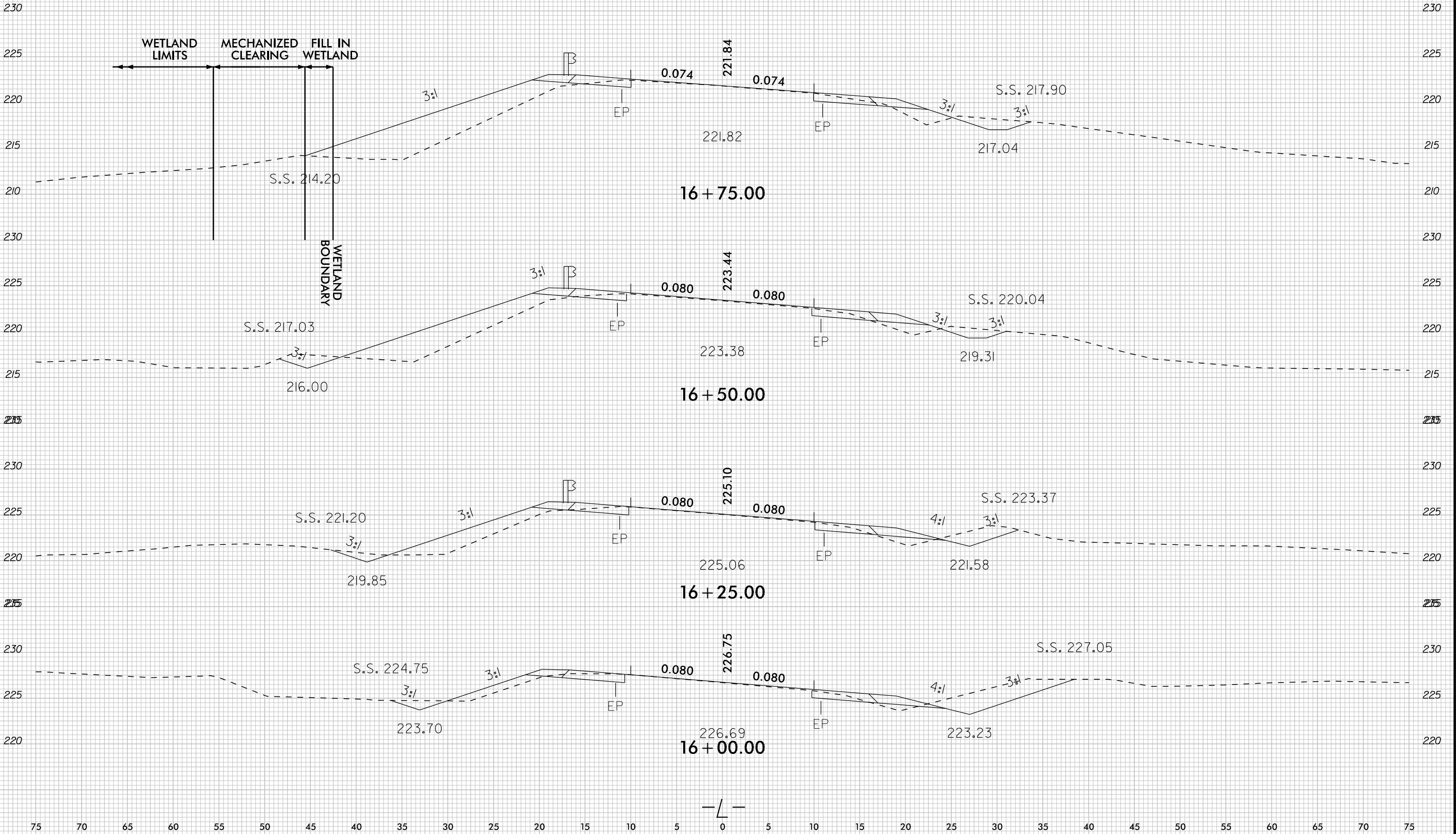
DESIGN DISCHARGE = 280 CFS
DESIGN FREQUENCY = 25 YRS
DESIGN HW ELEVATION = 206.2 FT
BASE DISCHARGE = 2258 CFS
BASE FREQUENCY = 100 YRS
BASE HW ELEVATION = 211.5 FT
OVERTOPPING DISCHARGE = 4000 CFS
OVERTOPPING FREQUENCY = 500 YRS
OVERTOPPING ELEVATION = 214.2 FT

DATE OF SURVEY = 8/10/2021
W.S.ELEVATION
AT DATE OF SURVEY = 204.45 FT

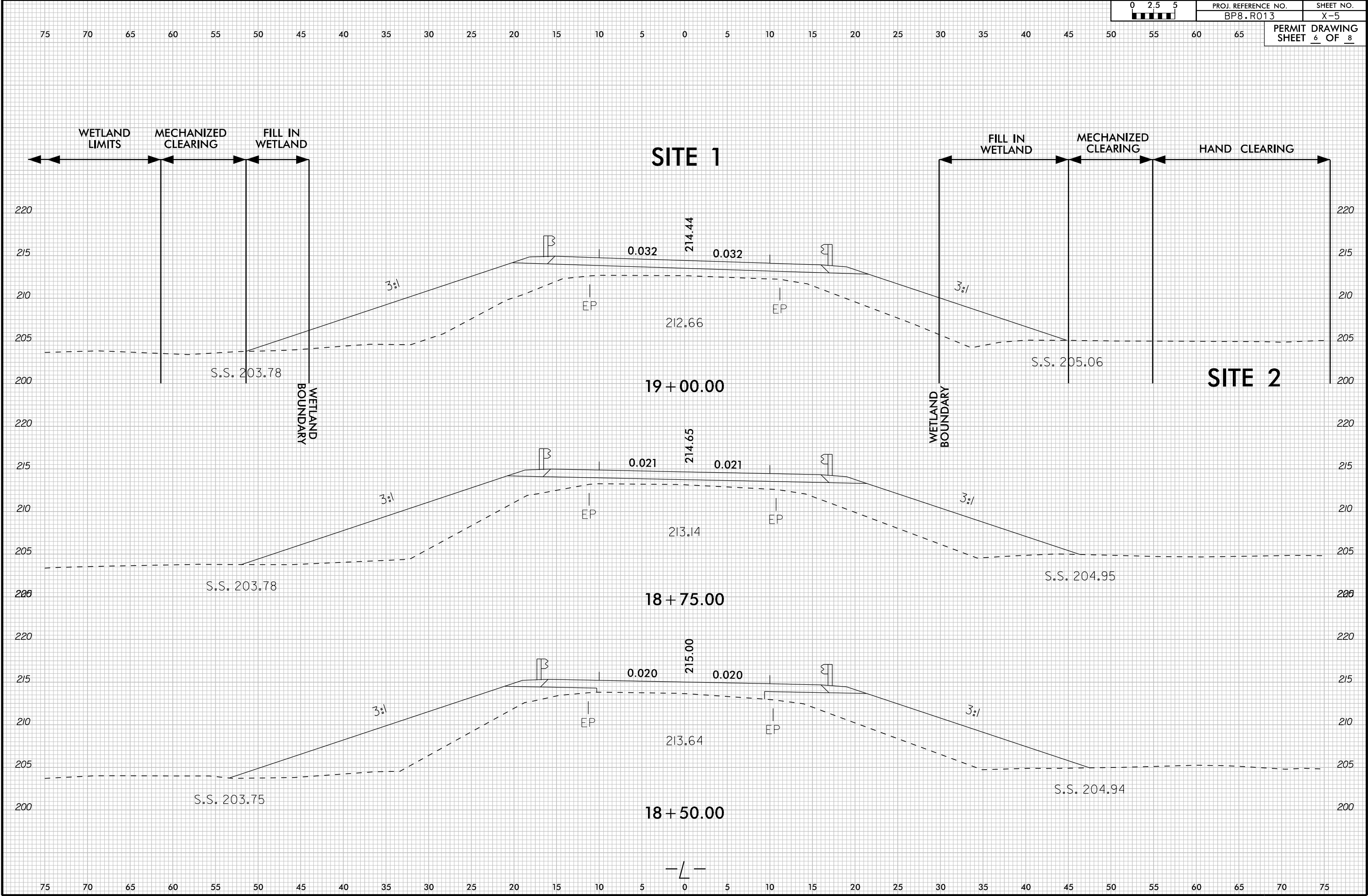


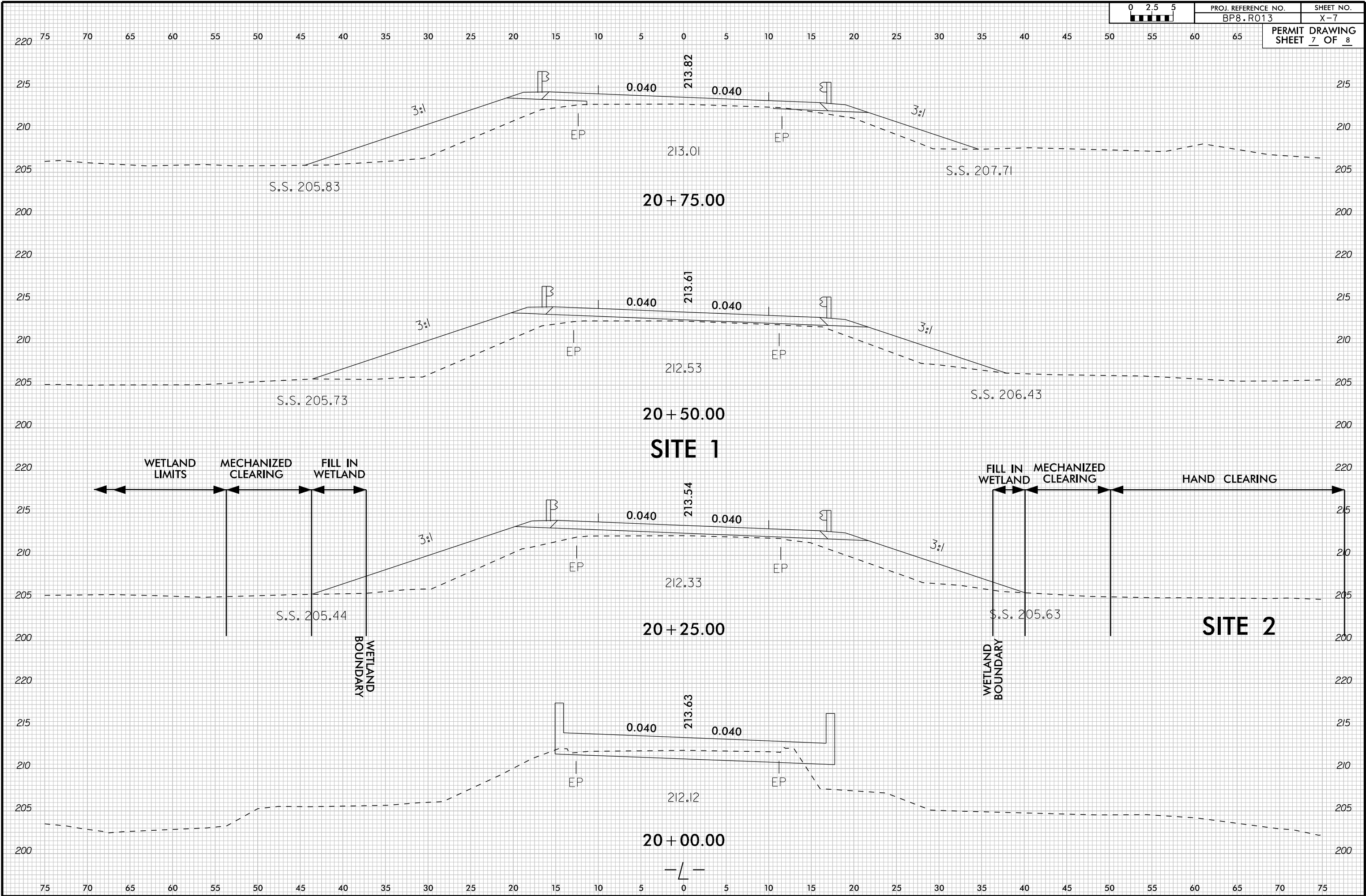
6/23/16

SITE 1



6/23/16





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)
1	16+52 TO 21+04 -L-	70' BRIDGE	0.07			0.11		< 0.01	< 0.01	15	15	
2	17+89 TO 21+18 -L-	UTILITY RELOCATION					0.14					
TOTALS*			0.07			0.11	0.14	< 0.01	< 0.01	15	15	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
4/28/2022
RICHMOND
BP8.R013