



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI
SECRETARY

June 7, 2012

U.S. Army Corps of Engineers
Regulatory Field Office
PO Box 1000
Washington, NC 27889-1000

Attention: Thomas Steffens
NCDOT Coordinator

Dear Sir:

Subject: **Permit Modification Request for Section 404 General Permit 198200031, Section 401 Water Quality Certification, and Neuse Riparian Buffer Authorization** for the proposed replacement of Bridge 74 over Black Creek on NC 50, Johnston County. TIP No. B-4556; Federal Aid Project No. BRSTP-0050(7); Debit \$240.00 from WBS 33768.1.1

References: Section 404 Regional General Permit 31 issued September 12, 2011; USACE Permit No. SAW- 2011-01678.

Section 401 Water Quality Certification and Neuse Riparian Buffer Authorization issued July 18, 2011; NCDWQ Project No. 20110638

Please see the enclosed revised permit drawings and EEP acceptance letter for the above referenced project. Permanent impacts to Waters of the United States associated with this project have increased from 0.15 acre to 0.3 acre of riparian wetlands. The increase is due to 0.15 acre of the 0.26 acre of proposed hand clearing being converted to mechanized clearing. This mechanized clearing is from the toe of slope out 10 feet throughout the project and is needed allow the contractor additional room to work.

Regulatory approvals

Section 404 Permit: NCDOT requests that the U.S. Army Corps of Engineers (USACE) review this permit modification request and modify the Regional General Permit 31, as required for the above-described activities.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

TELEPHONE: 919-707-6100
FAX: 919-212-5785

WEBSITE: WWW.NCDOT.ORG

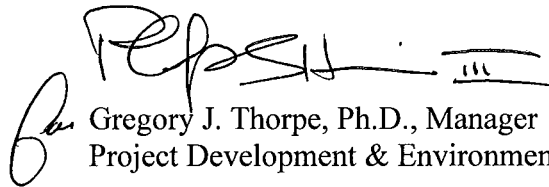
LOCATION:
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610-4328

Section 401 Water Quality Certification: NCDOT requests that the North Carolina Division of Water Quality (NCDWQ) review this permit modification request and re-issue the authorization under the 401 General Certification number 3820 for this project. All general conditions of the Water Quality Certification will be met. NCDOT is providing five copies of this permit modification request to the NCDWQ for their approval. Authorization to debit the \$240 modification fee from WBS Element 33768.1.1 is hereby given.

Neuse Riparian Buffer Authorization: NCDOT requests that the NC Division of Water Quality review this permit modification request and re-issue written approval for a Neuse Riparian Buffer Authorization.

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Chris Manley at cdmanley@ncdot.gov or (919) 707-6135.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gregory J. Thorpe', with a stylized flourish at the end.

Gregory J. Thorpe, Ph.D., Manager
Project Development & Environmental Analysis Unit

cc:

NCDOT Permit Application Standard Distribution List



June 7, 2012

Mr. Gregory J. Thorpe, Ph.D.
Manager, Project Development and Environmental Analysis Unit
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Dr. Thorpe:

Subject: EEP Mitigation Acceptance Letter: **B-4556**, Replace Bridge Number 74 over Black Creek on NC 50, Johnston County

References: USACE General Permit 31 issued September 12, 2011, USACE Action ID 2011-01678
NCDWQ 401 Water Quality Certification issued July 18, 2011, NCDWQ Permit Number 2011-0638

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the additional compensatory riparian wetland mitigation needed for the subject project. Based on the information supplied by you on June 6, 2012, the impacts are located in CU 03020201 of the Neuse River Basin in the Northern Inner Coastal Plain (NICP) Eco-Region, and are as follows:

Neuse 03020201 NICP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.15	0	0	0	0

This impact and associated mitigation need were not projected by the NCDOT in the 2012 impact data. EEP has already provided 0.15 riparian wetland mitigation credits based on the permits that were issued in 2011. This acceptance is for additional riparian wetland impacts that were discovered at the bridge site after construction was underway. EEP commits to providing the additional compensatory riparian wetland mitigation credits to offset the impacts associated with this project as determined by the regulatory agencies in accordance with the N.C. Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument dated July 28, 2010. If the above referenced impact amounts are revised, then this mitigation acceptance letter will no longer be valid and a new mitigation acceptance letter will be required from EEP.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-715-1929.

Sincerely,

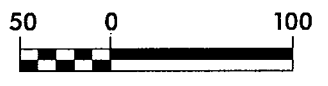
Michael Ellison
EEP Deputy Director

cc: Mr. Tom Steffens, USACE – Washington Regulatory Field Office
Mr. David Wainwright, Division of Water Quality, Wetlands/401 Unit
File: B-4556 Additional

Restoring... Enhancing... Protecting Our State



8/17/99

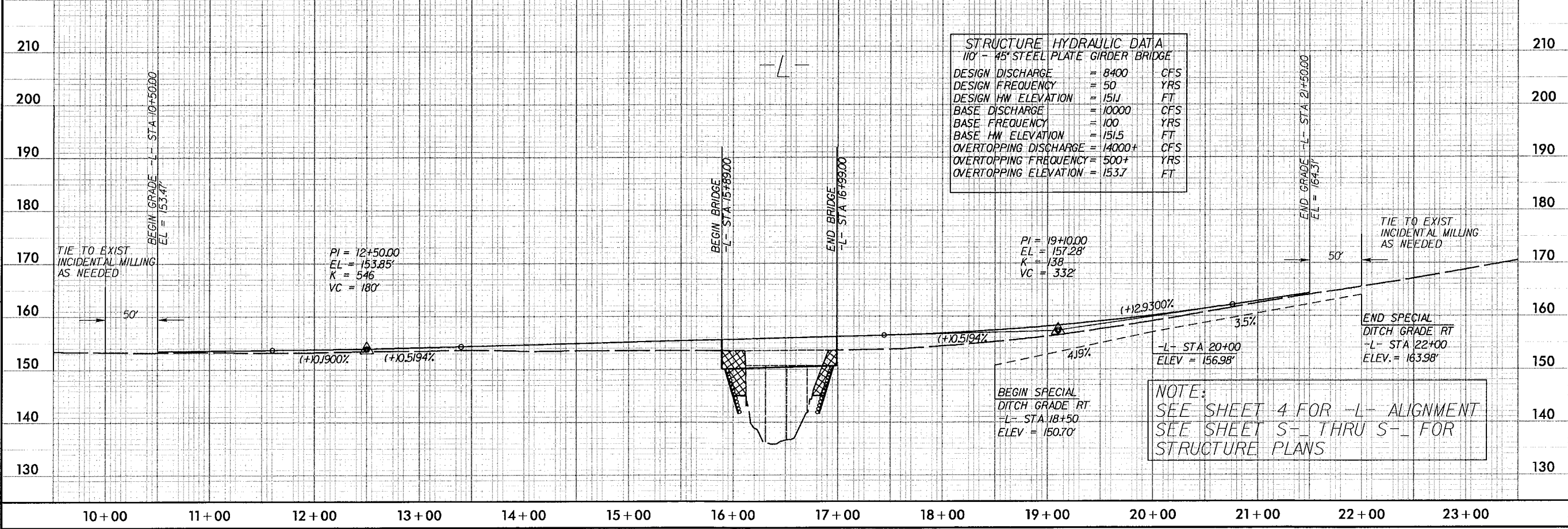
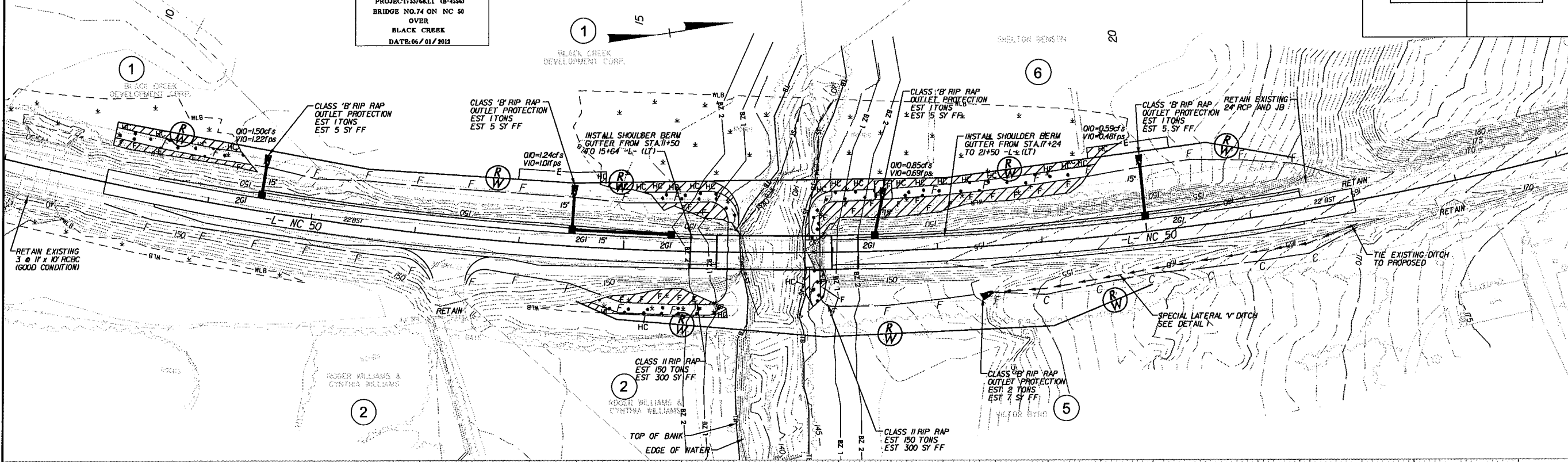


DENOTES FILL IN WETLAND
 DENOTES HAND CLEARING
 DENOTES MECHANIZED CLEARING

N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 JOHNSTON COUNTY
 PROJECT: B76411 (B-4556)
 BRIDGE NO. 74 ON NC 50
 OVER
 BLACK CREEK
 DATE: 04/01/2012

Revised Permit Drawing
 10/6/12 Sheet 3 of 11

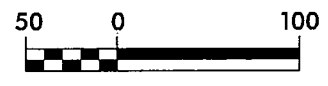
PROJECT REFERENCE NO. B-4556	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



REVISIONS

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 SYSTEM TIME
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8/17/99

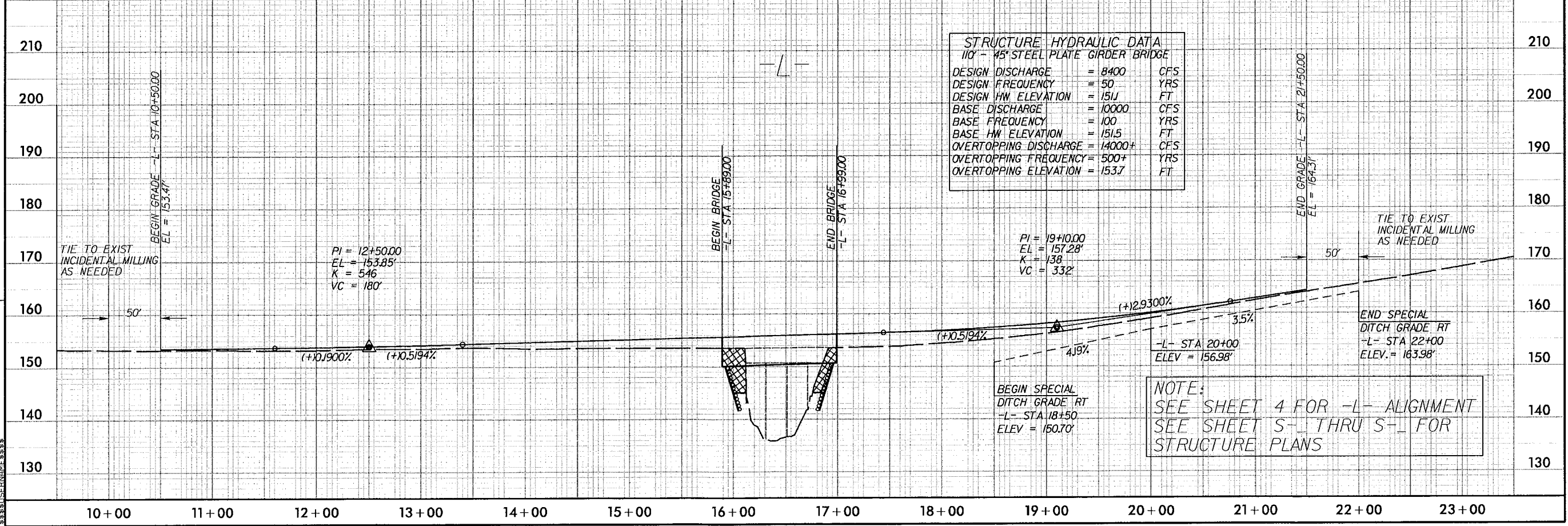
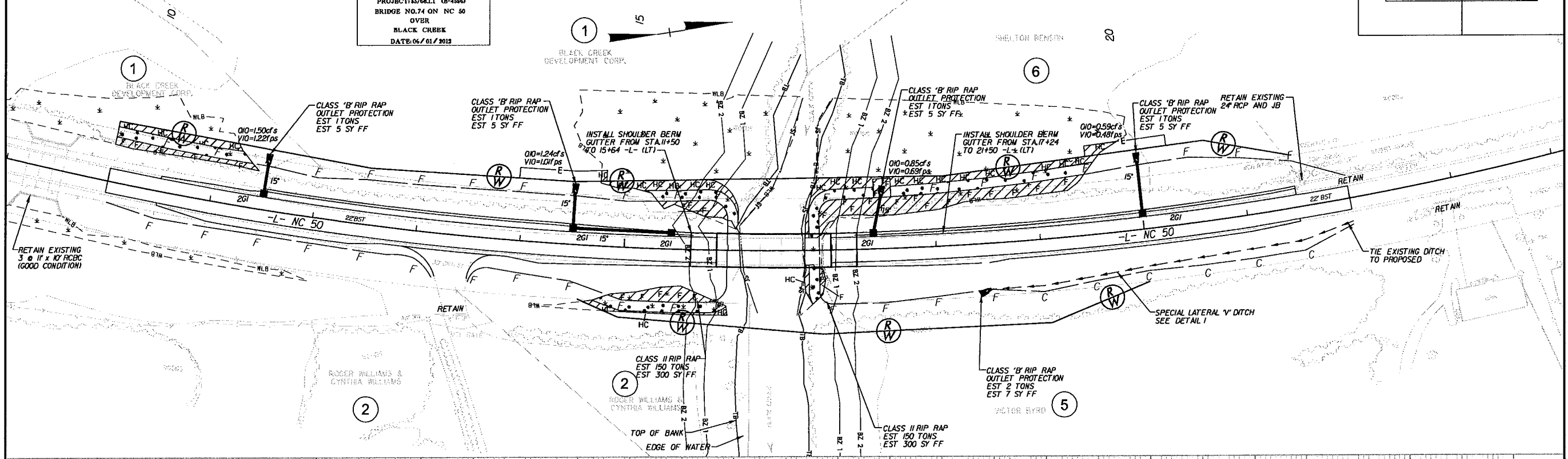


DENOTES FILL IN WETLAND
 DENOTES HAND CLEARING
 DENOTES MECHANIZED CLEARING

N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 JOHNSTON COUNTY
 PROJECT: 876ALL (B-4556)
 BRIDGE NO. 74 ON NC 50
 OVER
 BLACK CREEK
 DATE: 06/01/2012

Revised Permit Drawing
 6/6/12 Sheet 4 of 11

PROJECT REFERENCE NO. B-4556	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



STRUCTURE HYDRAULIC DATA
110' - 45" STEEL PLATE GIRDER BRIDGE

DESIGN DISCHARGE	= 8400	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 151.1	FT
BASE DISCHARGE	= 10000	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 151.5	FT
OVERTOPPING DISCHARGE	= 14000+	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 153.7	FT

NOTE:
 SEE SHEET 4 FOR -L- ALIGNMENT
 SEE SHEET S- THRU S- FOR
 STRUCTURE PLANS

REVISIONS

WETLAND PERMIT IMPACT 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)
	10+00/11+42 LT	FILL SLOPE	0.02			0.03	0.02					
	14+63/16+00 RT	FILL SLOPE	0.02			0.03	<0.01					
	14+75/16+10 LT	FILL SLOPE	0.02			0.02	0.03					
	16+73/16+94 RT	FILL SLOPE	<0.01			<0.01	<0.01					
	16+74/19+63 LT	FILL SLOPE / RIP RAP	0.09			0.06	0.06					
TOTALS:			0.15			0.15	0.11					

NOTE: 0.03 AC OF TEMPORARY FILL IN WETLANDS IN THE HAND CLEARING AREAS FOR EROSION CONTROL MEASURES

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

JOHNSTON COUNTY
PROJECT: 33768.1.1 (B-4556)

6/1/2012