



DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS

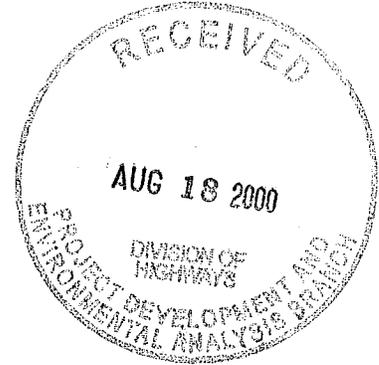
P.O. BOX 1890
WILMINGTON, NORTH CAROLINA 28402-1890

August 15, 2000

IN REPLY REFER TO

Regulatory Division

Action ID No. 199505645



Mr. William D. Gilmore, Manager
Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Mr. Gilmore:

Reference the Department of the Army (DA) permit issued to you on June 30, 1999, and your written request of June 22, 2000, for a permit modification to construct temporary work bridges in the Tar River. One 38 meter long and 8.6 meter wide temporary work bridge will be supported with steel piles in the Tar River immediately downstream of bents 2 and 3 of the proposed Pitt Street Bridge. The second temporary work bridge will be the same size and also supported by steel piles in the Tar River immediately upstream of bents 3,4 and 5 of the proposed Green Street Bridge. This modification request is associated with the replacement of the Greene Street Bridge (SR 1531) and the construction of a new parallel bridge to extend Pitt Street across the Tar River in Greenville, North Carolina (TIP B-2225, Federal Aid Project No. BRN-6964(1), State Project No. 8.2220601). Please see the attached construction drawings for reference.

This modification request was coordinated during the monthly interagency concurrence meeting on June 15, 2000, with the North Carolina Division of Water Quality, as well as other appropriate State and Federal agencies. The coordination resulted in no objections to this modification request. Therefore, the permit is hereby modified in accordance with the specific work activities described above. It is understood that all conditions of the original permit remain applicable and that the expiration date is unchanged.

Any questions regarding this correspondence may be directed to Mr. Michael Bell, NCDOT Coordinator/Regulatory Project Manager at the Washington Regulatory Field Office, telephone (252) 975-1616, extension 26.

Sincerely,

James W. DeLony
Colonel, U.S. Army
District Engineer

Enclosure

Copies Furnished(without enclosure):

Mr. John Hennessy
Division of Water Quality
North Carolina Department of Environment
and Natural Resources
Wetlands Section
1621 Mail Service Center
Raleigh, North Carolina 27699-1621

Mr. Doug Huggett
Division of Coastal Management
1638 Mail Service Center
Raleigh, North Carolina 27699-1638

Mr. Larry Hardy
National Marine Fisheries Service
Pivers Island
Beaufort, North Carolina 28516

Mr. William L. Cox, Chief
Wetlands Protection Section - Region IV
Water Management Division
U.S. Environmental Protection Agency
61 Forsyth Street
Atlanta, Georgia 30303

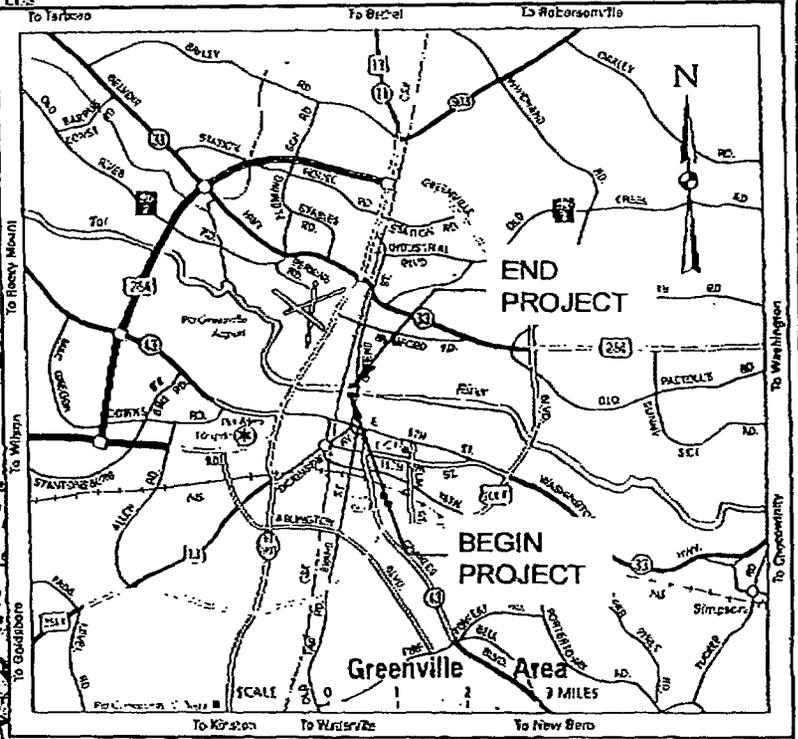
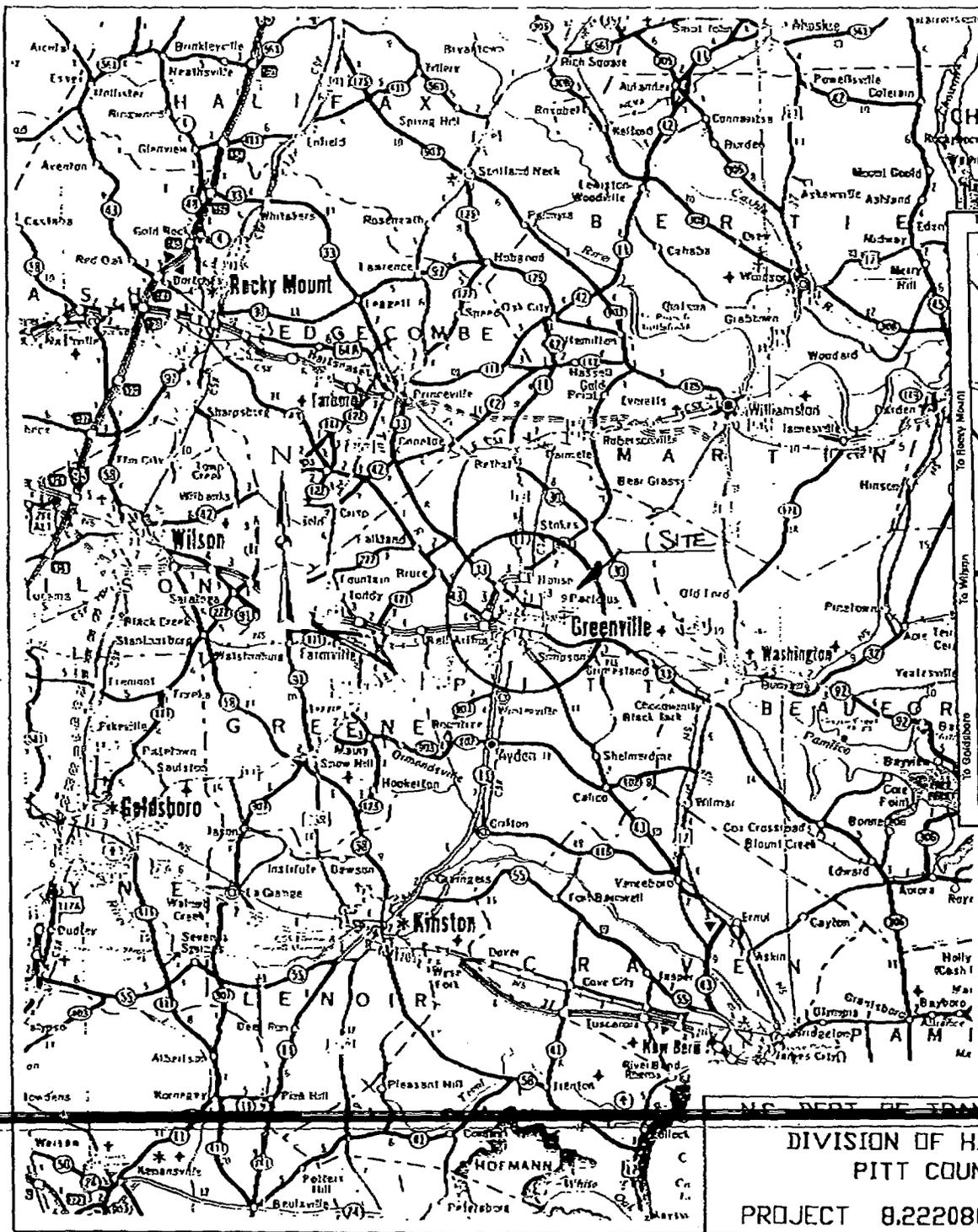
Mr. Tom McCartney
U.S. Fish and Wildlife Service
Fish and Wildlife Enhancement
Post Office Box 33726
Raleigh North Carolina 27636-3726

Mr. David Cox
Post Office Box 118
Northside, North Carolina 27564

#1364 P.007

USACE WASH

NOV. 14 2000 13:12 2024701399



VICINITY MAPS

ARCHER WESTERN CONTRACTORS 315 West 4th Street Greenville, N.C. 27834	
DRAWN BY: <u>DHS</u>	DATE: <u>6-13-00</u>
CHECKED BY: <u>B.S.</u>	DWG. NO. _____
JOB NO. <u>99125</u>	SHEET <u>1</u> OF <u>7</u>

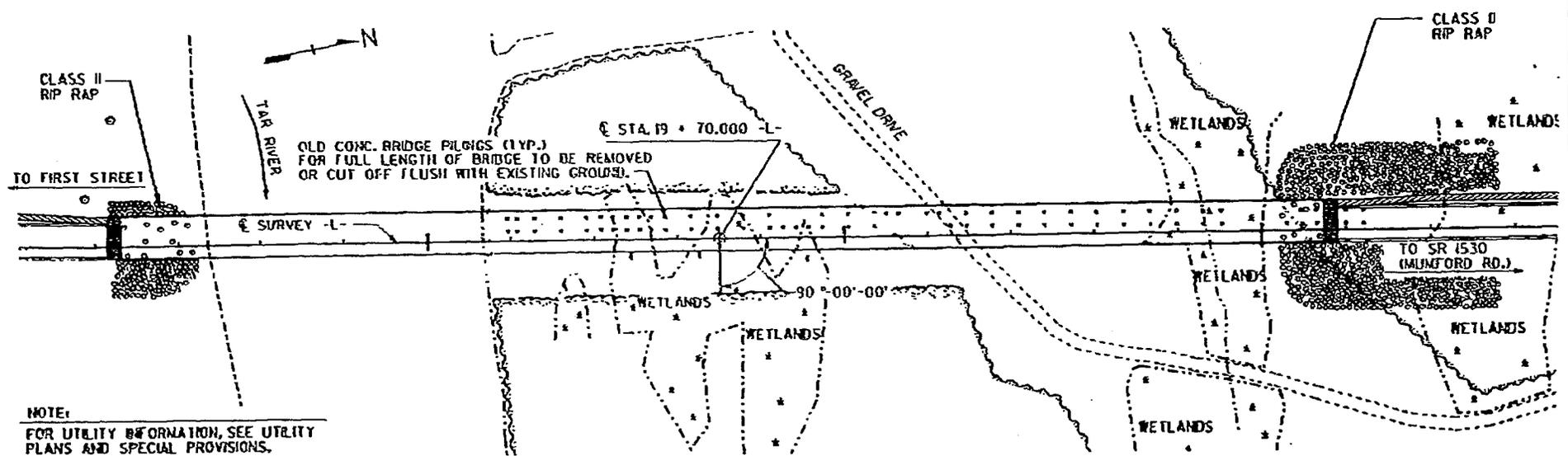
N.C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS,
PITT COUNTY
PROJECT 8.2220802 (B-2225)

#1364 P.008

USACE WASH

NOV 14 2000 13:13 2029/D1999

BENCH MARK: IRON PIPE 100mm DEEP IN GROUND -BL- STA. 11+75.426, 10.608m RT. OF -L- STA. 17+47.229 ELEV. 15.371



NOTE:
FOR UTILITY INFORMATION, SEE UTILITY
PLANS AND SPECIAL PROVISIONS.

DRAWN BY :	DON HODGE	DATE :	1/99
CHECKED BY :	D. PETREY	DATE :	5/99

LOCATION SKETCH

-L- PITT STREET

ARCHER WESTERN CONTRACTORS 315 West 4th Street Greenville, N.C. 27834	
DRAWN BY: <u>DHS</u>	DATE: <u>6.15.00</u>
CHECKED BY: <u>B.S.</u>	DWG. NO.: _____
JOB NO. <u>99125</u>	SHEET <u>2</u> OF <u>7</u>

NC DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS, PITT COUNTY PROJECT 8.2220802 (B-2225)
--

#1364 P.009

USACE WASH

DATE 0000 10.10 0027010399

STATION
18+40 ±

TRIE RIVER
FLOW

STATION
19+00 ±

WATER'S EDGE ±



PROPOSED PITT STREET BRIDGE
-L-

TEMPORARY WORK BRIDGE
38 METERS LONG ± BY
8.6 METERS WIDE ±

TEMPORARY CAUSEWAY

WATER'S EDGE ±

STEEL SHEET PILE
COFFERDAM

PLAN VIEW

PITT STREET



DENOTES TEMPORARY
FILL IN SURFACE WATERS

ARCHER WESTERN CONTRACTORS
315 West 4th Street
Greenville, N.C. 27834

5m 0 10m

SCALE

N.C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS

DRAWN BY: DHB

DATE: 6-13-00

PITT COUNTY

CHECKED BY: B.S.

DWG. NO. _____

PROJECT 8.2220802 (B-2225)

JOB NO. 99125

SHEET 3 OF 7

#1364 P.010

USACE WASH

NOV 13 2000 13:14 2023/12/13/99

STA. 19+40 +/-

-L- PITT STREET

STA. 19+20'

STA. 19+40'

PROPOSED GRADE ±

LOW CHORD ±

10M

8M

6M

4M

2M

OHW = 1.78M

TEMPORARY STEEL PILE FOR WORK BRIDGE SUPPORT

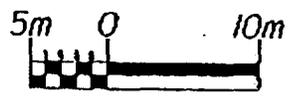
TEMPORARY WORK BRIDGE
38 METERS LONG ± BY
8.6 METERS WIDE ±
TOP ELEV. 4M ±

TOP TEMP. CAUSEWAY
ELEV. 4.0 M ±

CLASS 'B' RIP RAP

CLASS '1" RIP RAP

STEEL SHEET PILE COFFERDAM

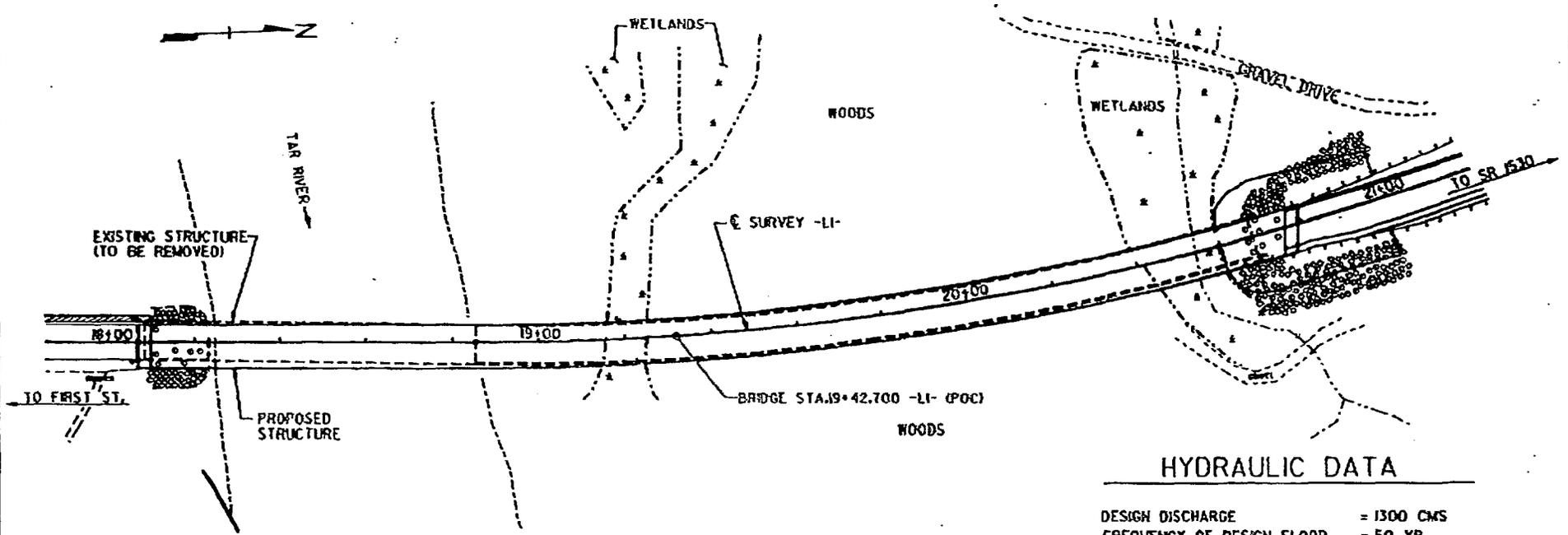


PROFILE

ARCHER WESTERN CONTRACTORS
315 West 4th Street
Greenville, N.C. 27834

N.C. DEPT. OF TRANSPORTATION		DRAWN BY: <u>DWD</u>	DATE: <u>6-12-00</u>
DIVISION OF HIGHWAYS, PITT COUNTY		CHECKED BY: <u>BS</u>	DWG. NO.: _____
PROJECT 8.2220802 (B-2225)		JOB NO. <u>99125</u>	SHEET <u>4</u> OF <u>7</u>

BENCH MARK IS IRON PIPE 100mm DEEP IN GROUND -LI- STA. 11+43.852 11.291m RT. OF -LI- STA. 17+03.083, EL. 15.411



LOCATION SKETCH

-LI- GREEN STREET

HYDRAULIC DATA

DESIGN DISCHARGE = 1300 CMS
 FREQUENCY OF DESIGN FLOOD = 50 YR.
 DESIGN HIGH WATER ELEVATION = 6.76
 DRAINAGE AREA = 6928 SQ. Km
 BASIC DISCHARGE (1000) = 1500 CMS
 BASIC HIGH WATER ELEVATION = 7.22

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE = 840 CMS
 FREQUENCY OF OVERTOPPING FLOOD = 10 YR. ▲
 OVERTOPPING FLOOD ELEVATION = 5.80

▲ ROAD IS OVERTOPPED @ STA. 23+60 -LI-. BRIDGE IS JUST OVERTOPPED BY 500 YEAR STORM.

NOTE:
 FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS.

ARCHER WESTERN CONTRACTORS
 315 West 4th Street
 Greenville, N.C. 27834

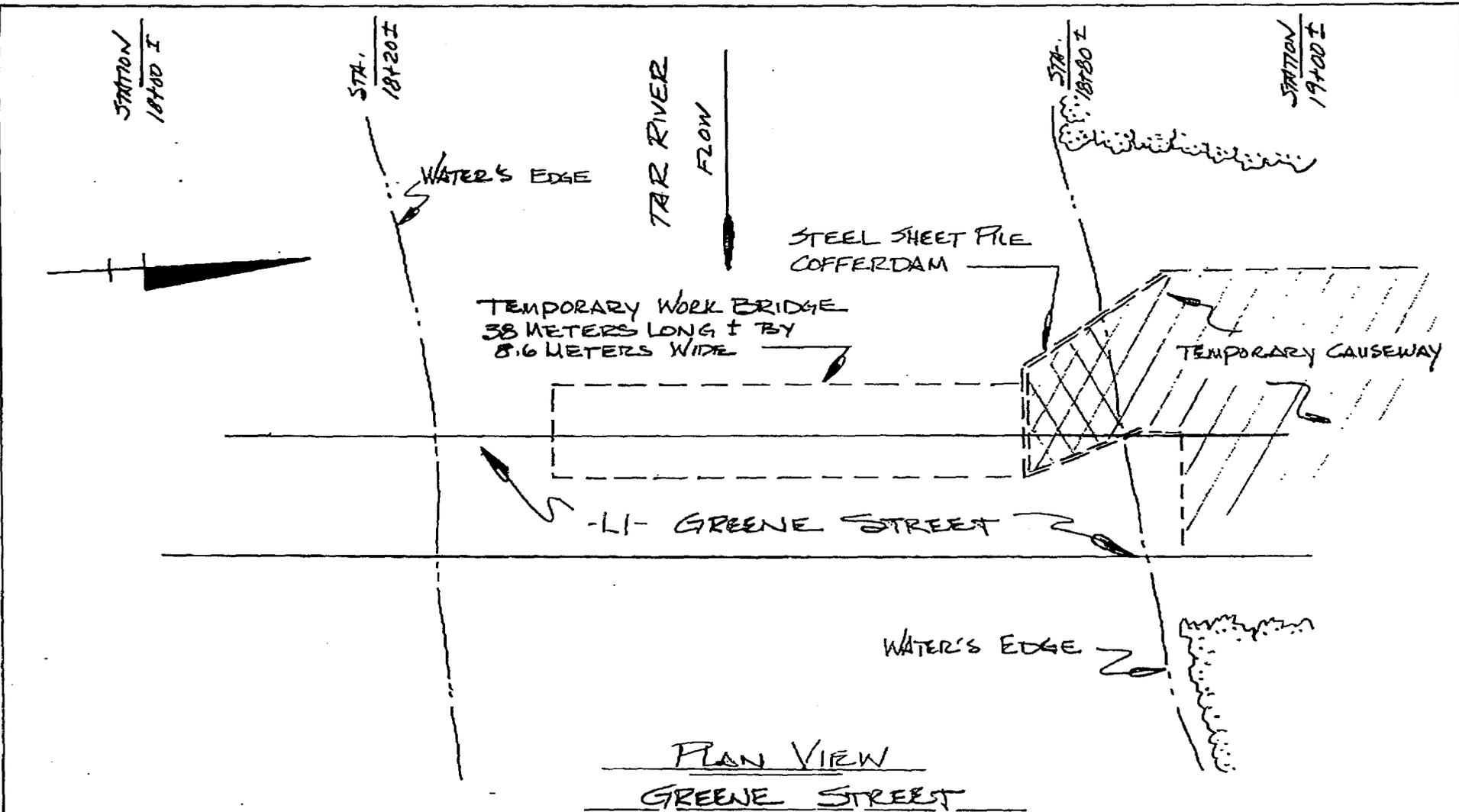
N.C. DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS, PITT COUNTY PROJECT 8.2220802 (B-2225)	DRAWN BY: <i>DVB</i>	DATE: <i>6-18-00</i>
	CHECKED BY: <i>BS.</i>	DWG. NO.:
	JOB NO. <i>99125</i>	SHEET <i>5</i> OF <i>2</i>

#1364 P.011
 USACE WASH
 AUG 14 2000 10:14 2029/01399

#1364 P.012

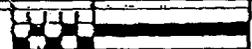
USACE WASH

2000 13:14 2021/01/30



DENOTES TEMPORARY
FILL IN SURFACE WATERS

5m 0 10m



SCALE

N.C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
PITT COUNTY
PROJECT 8.2220802 (B-2225)

ARCHER WESTERN CONTRACTORS 315 West 4th Street Greenville, N.C. 27834	
DRAWN BY: DIB	DATE: 6-13-00
CHECKED BY: BS.	DWG. NO. _____
JOB NO. 99125	SHEET 6 OF 7

#1364 P.013

USACE WASH

AUG. 14 2000 13:10 2029/51399

-L1- GREEN STREET

STA. 18+10
-L1-

PROPOSED E GRADE ±

STA 19+00
-L1- 10

LOW CHORD ±

8M

8

6M

6

4M

TEMPORARY WORK BRIDGE
30 METERS LONG ± BY
8.6 METERS WIDE ±
TOP ELEV. 4M ±

TOP TEMP. CAUSEWAY
ELEV. 4.0M ±

2M

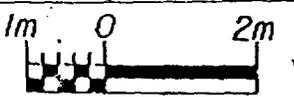
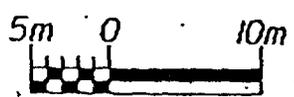
OHW = 1.78M

CLASS "B" RIP RAP
CLASS "1" RIP RAP

TEMPORARY STEEL PILE
FOR WORK BRIDGE
SUPPORT

STEEL SHEET PILE
COFFER DAM

PROFILE



ARCHER WESTERN CONTRACTORS
315 West 4th Street
Greenville, N.C. 27834

N.C. DEPT. OF TRANSPORTATION	
DIVISION OF HIGHWAYS, PITT COUNTY	
CHECKED BY: <u>BS</u>	DATE: <u>6-15-00</u>
JOB NO. <u>99125</u>	DWG. NO. _____
PROJECT <u>8.2220802 (B-2225)</u>	SHEET <u>7</u> OF <u>7</u>

State of North Carolina
Department of Environment
and Natural Resources
Division of Water Quality



NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

July 10, 2000

James B. Hunt, Jr., Governor
Bill Holman, Secretary
Kerr T. Stevens, Director

Mr. Bill Gilmore, P.E., Manager
Planning & Environmental Branch
N.C. Department of Transportation
PO Box 25201
Raleigh, NC 27611-5201



Dear Mr. Gilmore

Re: Certification Pursuant to Section 401 of the Federal Clean Water Act,
Modification to the Proposed Replacement of Greene Street Bridge over the Tar River in Pitt County.
WQC Project No. 990222 COE No. 199505645
Pitt County

Attached hereto is a modification to Certification No. 3234 issued to the North Carolina Department of Transportation dated July 10, 2000 (original Certification was dated June 16, 1999). The attached modification authorizes a change to the proposed construction methods. Pursuant to your permit application submitted June 27, 2000, you are authorized to modify your proposed construction methods for in-water work. Construction and use a temporary work bridge as described in your June 22, 2000 application is authorized. It should be noted, the modification is applicable only to the additional proposed activities. All the authorized activities and conditions of certification associated with the original Water Quality Certification dated June 16, 1999, and the subsequent December 7, 1999 modification still apply.

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

Sincerely,

Kerr T. Stevens

Attachments:

Modification to WQC No. 3234

cc: Wilmington District Corps of Engineers
Corps of Engineers Washington Field Office
Washington DWQ Regional Office
Mr. John Dorney
Doug Huggett, Division of Coastal Management
Central Files

Division of Water Quality • 401 Wetlands Unit
1621 Mail Service Center, Raleigh, NC 27699-1621 Telephone 919-733-1786 FAX # 733-9959
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NORTH CAROLINA 401 WATER QUALITY CERTIFICATION

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 Quality (DWQ) Regulations in 15 NCAC 2H, Section .0500. This certification authorizes a modification to the proposed construction methods for in-water work. Construction and use a temporary work bridge as described in your June 22, 2000 application is authorized. The project shall be constructed pursuant to the Certification issued on June 16, 1999, and the subsequent December 7, 1999 modification. All the authorized activities and conditions of certification associated with the original Water Quality Certification dated June 16, 1999, and the December 7, 2000 modification still apply.

The application provides adequate assurance that the discharge of fill material into the proposed wetlands 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 application, as described in the Public Notice. Should your project change, you are required to notify the DWQ 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 total wetland fills for this project (now or in the future exceed one acre, compensatory mitigation may be required as described in 15A NCAC 2H .0506 (h) (6) and (7). 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.

Condition(s) of Certification:

1. Appropriate sediment and erosion control practices which equal or exceed those outlined in the most recent version of two manuals. Either the "North Carolina Sediment and Erosion Control Planning and Design Manual" or the "North Carolina Surface Mining Manual" (available from the Division of Land Resources in the DEHNR Regional or Central Offices). The control practices shall be utilized to prevent exceedances of the appropriate turbidity water quality standard (50 NTUs in all fresh water streams and rivers not designated as trout waters; 25 NTUs in all lakes and reservoirs, and all saltwater classes; and 10 NTUs in trout waters);
2. All sediment and erosion control measures placed in wetlands or waters shall be removed and the natural grade restored after the Division of Land Resources has released the project;
3. Measures shall be taken to prevent live or fresh concrete from coming into contact with waters of the state until the concrete has hardened;
4. There shall be no excavation from or waste disposal into jurisdictional wetlands or waters associated with this permit without appropriate modification of this permit. Should waste or borrow sites be located in wetlands or stream, compensatory mitigation will be required since it is a direct impact from road construction activities;
5. Compensatory mitigation shall be done in accordance with the Mitigation Proposal submitted with your modification request and attached hereto. DWQ shall be copied on a detailed mitigation and monitoring plans as well as the annual reports for the entire length of the monitoring period. The draft mitigation plan shall be sent to DWQ within one month of issuance of the 404 Permit.
6. All other conditions written into previous Water Quality Certifications for this project still apply.

Violations of any condition herein set forth shall 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 expiration of the 404 or CAMA permit.

If this Certification is unacceptable to you have the right to an adjudicatory hearing upon written request within sixty (60) days following receipt of this Certification. This request must be in the form of a written petition conforming to Chapter 150B of the North Carolina General Statutes and filed with the Office of Administrative Hearings, P.O. Box 27447, Raleigh, N.C. 27611-7447. If modifications are made to an original Certification, you have the right to an adjudicatory hearing on the modifications upon written request within sixty (60) days following receipt of the Certification. Unless such demands are made, this Certification shall be final and binding.

This the 10th day of July 2000
DIVISION OF WATER QUALITY



Peter T. Stevens

Modification to WQC No. 3234