



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

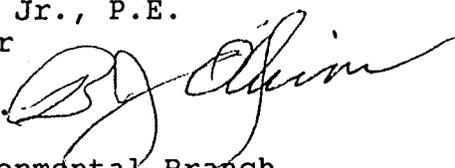
JAMES B. HUNT JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

GARLAND B. GARRETT JR.
SECRETARY

May 13, 1996

MEMORANDUM TO: Mr. G. R. Shirley, Jr., P.E.
Division 2 Engineer

FROM: B. J. O'Quinn, P.E. 
Assistant Manager
Planning and Environmental Branch

SUBJECT: Carteret County, Morehead City - Bridges
Street Extension from NC 24 to Arendell
Street at Bridges Street; State Project No.
9.8022831; T.I.P. # U-2226

Attached are the U. S. Army Corps of Engineers State General Permit No. 291, the DEM 401 Water Quality Certification, and the Major CAMA Permit No. 50-96 for the above referenced project. All environmental permits have been received for the construction of this project.

BJO/eah

Attachment

cc: Mr. G. T. Shearin, P.E.
Mr. Kelly Barger, P.E.
Mr. Don Morton, P.E.
Mr. A. L. Hankins, P.E.
Mr. Victor Barbour, P.E.
Mr. John Smith, P.E.
Mr. N. L. Graf, FHWA
Mr. W. D. Johnson
Mr. H. Franklin Vick, P.E. (cover only)
Mr. Gary Jessup (cover only)





DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
P.O. BOX 1890
WILMINGTON, NORTH CAROLINA 28402-1890

REPLY TO
ATTENTION OF

May 9, 1996

Regulatory Branch

Action ID No. 199602568 and State Permit No. 50-96

Mr. B. J. O'Quinn
North Carolina Department of Transportation
Division of Highways
Planning and Environmental Branch
Post Office Box 25201
Raleigh, North Carolina 27611-5201

Dear Mr. O'Quinn:

Reference your application for a Department of the Army (DA) permit to excavate and place fill material in approximately 1.6 acres of tidal marsh and bottomland hardwards adjacent to Peletier Creek, between Arendell Street and NC Highway 24, associated with extension of Bridges Street, Morehead City, Carteret County, North Carolina.

Your proposal has been reviewed and is consistent with the provisions and objectives of general permit No. CESAW-CO80-N-000-0291. Therefore, you may commence construction activity in strict accordance with applicable State authorization and the enclosed plan. Failure to comply with the State authorization or conditions of the general permit could result in civil and/or administrative penalties.

If there is a need to extend the duration of this Federal authorization, or if any change in your work is required because of unforeseen or altered conditions or for any other reason, a written request for renewal of authorization or plans revised to show any change must be sent promptly to this office **and** the North Carolina Division of Coastal Management before continuing work or doing any change or alteration. Such action is necessary as specific renewal of authorization must be obtained or revised plans must be reviewed and the authorization modified. A request for extension of authorization must be received no later than thirty (30) days before expiration of the permit.

Questions or comments may be addressed to Mr. Scott McLendon, Wilmington Field Office, Regulatory Branch, telephone (910) 251-4725.

Sincerely,


Clifford Winefordner
Chief, South Section
Regulatory Branch

Enclosure

Copies Furnished with enclosure:

Chief, Source Data Unit
NOAA/National Ocean Service
ATTN: Sharon Tear N/CS261
1315 East-West Hwy., RM 7316
Silver Spring, Maryland 20910-3282

Mr. John Dorney
Division of Environmental Management
North Carolina Department of
Environment, Health and
Natural Resources
4401 Reedy Creek Road
Raleigh, North Carolina 27607

Mr. Thomas Welborn, Chief
Wetlands Regulatory Section - Region IV
Wetlands, Oceans and Watersheds Branch
U.S. Environmental Protection Agency
345 Courtland Street
Atlanta, Georgia 30365

Mr. John Parker
Division of Coastal Management
North Carolina Department of
Environment, Health and
Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Mr. John Hefner
U.S. Fish and Wildlife Service
Fish and Wildlife Enhancement
Post Office Box 33726
Raleigh, North Carolina 27636-3726

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

Mr. Wallace R. Sherron, Director
State Property Office
North Carolina Department of
Administration
116 West Jones Street
Raleigh, North Carolina 27603-8003

Mr. Charles Jones
Morehead City Regional Office
North Carolina Division
of Coastal Management
Post Office Box 769
Morehead City, North Carolina 28557

Ogumir



**DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
P.O. BOX 1890
WILMINGTON, NORTH CAROLINA 28402-1890**



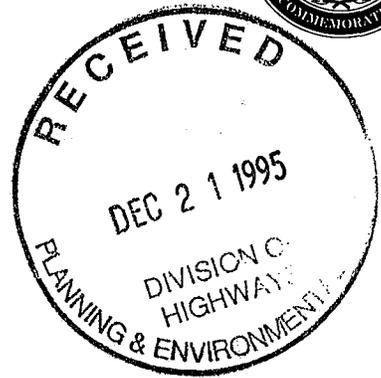
REPLY TO
ATTENTION OF

December 18, 1995

Regulatory Branch

Action ID No. 199602568, State Project No. 9.8022831

NC Department of Transportation
Mr. H. Franklin Vick
Planning and Environmental Branch
Post Office Box 25201
Raleigh, North Carolina 27611-5201



Dear Mr. Vick:

On February 11, 1991, we renewed general permit No. 198000291 (copy enclosed), which provides Federal authorization for construction activities that receive authorization from the State of North Carolina.

A review of your application received November 24, 1995, for Department of the Army authorization to authorize the excavation and placement of fill material in approximately 1.6 acres of tidal marsh and bottom land hardwoods adjacent to Peletier Creek, between Arendell Street and NC 24, for the construction of the new Bridges Street extension, in Morehead City, Carteret County, North Carolina, indicates it to be a candidate for Federal authorization under this general permit. Accordingly, the administrative processing of your application will be accomplished by the North Carolina Division of Coastal Management. Comments from Federal review agencies will be furnished to the State.

If your application must be withdrawn from this general permit process for any reason, you will be informed regarding its further management. If there are no unresolved differences in State-Federal positions or policies, the final action taken on your application by the State will result in your receiving written notice from us that your application is consistent with the general permit and you may commence your activity. Only after receiving such confirmation should you begin work.

On February 6, 1990, the DA and the U.S. Environmental Protection Agency (EPA) signed a memorandum of agreement (MOA) establishing procedures to determine the type and level of mitigation necessary to comply with the Clean Water Act Section 404(b)(1) Guidelines. This MOA provides for first, avoiding impacts to waters and wetlands through the selection of the least damaging, practical alternative; second, taking appropriate and practical steps to minimize impacts on waters and wetlands; and finally, compensating for any remaining unavoidable impacts to the extent appropriate and practical. To enable us to process your application in full compliance with this MOA, we request that you provide the following additional information:

a. Permits for work within wetlands or other special aquatic sites are available only if the proposed work is the least environmentally damaging, practicable alternative. Please furnish information regarding any other alternatives, including upland alternatives, to the work for which you have applied and provide justification that your selected plan is the least damaging to water or wetland areas.

b. It is necessary for you to have taken all appropriate and practical steps to minimize wetland losses. Please indicate all that you have done,

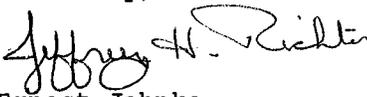
especially regarding development and modification of plans and proposed construction techniques, to minimize adverse impacts.

c. The MOA requires that appropriate and practical mitigation will be required for all unavoidable adverse impacts remaining after all appropriate and practical minimization has been employed. Please indicate your plan to mitigate for the projected, unavoidable loss of waters or wetlands or provide information as to the absence of any such appropriate and practical measures.

This information is essential to our expeditious processing of your application and it should be forwarded to us by December 29, 1995. Also, a copy of this information must be sent to the North Carolina Division of Environmental Management to enable them to adequately evaluate your application for a Water Quality Certification pursuant to Section 401 of the Clean Water Act.

Your application, pursuant to Section 10 of the River and Harbor Act and Section 404 of the Clean Water Act, has been assigned Action ID No. 199602568 and will be coordinated by Mr. Jeff Richter in our Wilmington Field Office. Mr. Richter may be contacted at telephone (910) 251-4636.

Sincerely,



for

Ernest Jahnke

Manager

Wilmington Regulatory Field Office

Enclosure

Copies Furnished (without enclosure):

Mr. John Parker
Division of Coastal Management
North Carolina Department of
Environment, Health and
Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Mr. John Dorney
Water Quality Section
Division of Environmental
Management
North Carolina Department of
Environment, Health and
Natural Resources
4401 Reedy Creek Road
Raleigh, North Carolina 27611-7687

Ms. L. K. (Mike) Gantt
U.S. Fish and Wildlife Service
Fish and Wildlife Enhancement
Post Office Box 33726
Raleigh, North Carolina 27636-3726

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

Mr. Thomas Welborn, Chief
Wetlands Regulatory Section - Region IV
Wetlands, Oceans and Watersheds Branch
U.S. Environmental Protection Agency
345 Courtland Street
Atlanta, Georgia 30365

Mr. Charles Jones
Area Office Manager
North Carolina Department of
Environment, Health and
Natural Resources
Division of Coastal Management
Post Office Box 769
Morehead City, North Carolina 28557

DEPARTMENT OF THE ARMY
Wilmington District, Corps of Engineers
Post Office Box 1890
Wilmington, North Carolina 28402-1890

General permit No. SAWCO80-N-000-0291
Name of Applicant GENERAL PUBLIC
Effective Date February 11, 1991
Expiration Date February 10, 1996

DEPARTMENT OF THE ARMY
GENERAL PERMIT

A general permit to perform work in or affecting navigable waters of the United States and waters of the United States upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the River and Harbor Act of March 3, 1899 (33 U.S.C. 403) and to Section 404 of the Clean Water Act (33 U.S.C. 1344), is hereby re-issued under authority of the Secretary of the Army by the

District Engineer
Wilmington District
U.S. Army Corps of Engineers
Post Office Box 1890
Wilmington, North Carolina 28402-1890

To authorize those construction activities that receive prior approval from the State of North Carolina in the form of the following authorizations:

1. Coastal Area Management Act (CAMA) Permit.
2. Permit to Dredge and/or Fill.
3. ~~Water Quality Certification (Section 401 of the Clean Water Act).~~

This general permit applies in Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrrell, and Washington Counties, North Carolina, U.S. Army Engineer District, Wilmington.

1. Operating Procedures:

a. Applications for State and Federal authorizations will be accepted directly and simultaneously by both the North Carolina Division of Coastal Management (NCDCM) and the Wilmington District, Corps of Engineers (Corps). Receipt of a complete application by the NCDCM will initiate field review to

e. After agency comments are received, they will be reviewed by the Corps and a coordinated Federal position will be prepared and furnished to the the NCDCM, Raleigh, within 45 days after receipt of the State Environmental Field Consultant's Report. The coordinated Federal position will include all conditions (including recommendations for denial) recommended by the three Federal agencies listed in paragraph b. (above) unless a changed or omitted condition has the prior written agreement of the affected agency.

f. In those cases where the Corps does not concur with conditions or recommendations of one or more of the three listed Federal agencies, no coordinated Federal position will be furnished to NCDCM until and unless Federal agency agreement has been reached including, if necessary, entering into the referral procedures outlined by current memoranda of agreement between the Army and the respective agencies. The three agencies will be furnished a copy of the coordinated Federal position at the time they are furnished to NCDCM.

g. If the conditions (including recommendations for denial) from the review agencies are unacceptable to the NCDCM, the NCDCM will contact the Corps within 10 days of receipt of the Federal position to resolve the conflict. If resolution of the conflict involves changes to the conditions or recommendations provided by the Federal agencies, the provisions of paragraphs e. and f. (above) will apply, including the procedures of the memoranda of agreement, if appropriate. If the conflict is resolved to the satisfaction of the Corps and other affected review agencies, the NCDCM permit will be issued and the authority of the general permit will apply.

h. If the conflict is not resolved within the time necessary for a decision by NCDCM, NCDCM may proceed, independently, to conclude the State action without inclusion of the Federal position. In this case, the applicant and the NCDCM will be notified immediately in writing that the State permit does not satisfy the Federal permit requirements and that the project in question may not proceed in the absence of Federal authorization.

i. If the coordinated Federal position is not in conflict with State agency positions, law, regulation, or policy and is otherwise acceptable to the NCDCM, a State permit will be developed by the NCDCM fully incorporating the State and Federal positions. Copies of the permit will be furnished to the applicant and the Corps. When required, a copy of the Section 401 Water Quality Certification will be furnished to the applicant and the Corps. Issuance of both the NCDCM permit and the NCDEM 401 Certification, if required, must precede validation of this general permit by the District Engineer or his representative.

g. The property owner will maintain any structure authorized by this general permit in good condition and in accordance with approved plans and drawings.

h. This general permit does not convey any rights, either in real estate or material, or any exclusive privileges; and it does not authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations, nor does it obviate the requirement to obtain any other Federal, State, or local assent required by law for the activity.

i. Authorization provided by this general permit may be modified, suspended, or revoked in whole or in part if the District Engineer, acting on behalf of the Secretary of the Army, determines that such action would be in the best public interest. Modification, suspension, or revocation may occur as a result of the evaluation of the permitted activities and their individual or cumulative adverse impacts. Unless subject to modification, suspension, or revocation, the term of this general permit will be 5 years. Any modification, suspension, or revocation of authorization will not be the basis for any claim against the U.S. Government.

j. If subsequent to performance of the work, should any information or data furnished by the applicant prove to be false, incomplete, or inaccurate, the authorization may be modified, suspended, or revoked in whole or in part, and the U.S. Government may institute appropriate legal proceedings.

k. There will be no unreasonable interference with navigation or the right of the public to riparian access to navigable waters by the existence or use of the activities authorized by this general permit.

l. A property owner, upon receipt of written notice from the District Engineer of failure to comply with the terms and conditions of this general permit will, within 60 days, without expense to the U.S. Government and in such manner as the District Engineer may direct, effect compliance with the terms and conditions or return the worksite to prework conditions.

m. This general permit does not apply to activities that would adversely affect an area listed in the National Register of Historic Places or an area which the Secretary of the Interior through the keeper of the National Register of Historic Places would determine eligible for inclusion in the Register. Proposals under this general permit will be furnished by NCDCM to the State Historic Preservation Officer for his comments prior to final permit activity authorization. Also, this general permit does not apply to activities proposed to be located on wild and scenic rivers established pursuant to the Wild and Scenic Rivers Act (16 U.S.C. 1278).

n. This general permit does not authorize the interference with any existing or proposed Federal project, and the permittee will not be entitled

National Historic Preservation Act of 1966 and its codified regulations and in the National Historic Preservation Amendments Act of 1980.

(3) Sites included in or determined eligible for listing in the National Registry of Natural Landmarks.

(4) Endangered or threatened species or habitat of such species as determined by the Secretaries of Interior or Commerce and conserved in accordance with the Endangered Species Act (16 U.S.C. 1531).

c. At his discretion, at any time during the processing cycle, the District Engineer may determine that this general permit will not be applicable to a specific construction proposal. In such case, the procedure for processing an individual permit in accordance with 33 CFR 325 may be initiated.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

/s/
THOMAS C. SUERMANN
LTC, Corps of Engineers
District Engineer

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Environmental Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
A. Preston Howard, Jr., P.E., Director



April 2, 1996

Mr. Franklin Vick
Planning and Environmental Branch
N.C. Dept. of Transportation
P.O. Box 25201
Raleigh, NC 27615



Dear Mr. Vick,

Re: Certification Pursuant to Section 401 of the Federal Clean Water Act,
Proposed Bridges Street extension
Project #951209, COE #199602568
Carteret County
TIP # U-2226, State Project No. 9.8022831

Attached hereto is a copy of Certification No. 3061 issued to N. C. Dept. of Transportation dated 28 March 1996.

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

Sincerely,

A. Preston Howard, Jr. P.E.

Attachments

3061.wqc

cc: Wilmington District Corps of Engineers
Corps of Engineers Wilmington Field Office
Wilmington DEM Regional Office
Mr. John Dorney
Mr. John Parker, Division of Coastal Management
Central Files

NORTH CAROLINA
Carteret County

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 Environmental Management Regulations in 15 NCAC 2H, Section .0500 to N.C. Dept. of Transportation resulting in 2.84 acres of wetland impact in Carteret County pursuant to an application filed on the 5th day of December of 1995 to construct a two lane roadway by extending Bridges Street in Morehead City.

The Application provides adequate assurance that the discharge of fill material into the waters of Peletier Creek in conjunction with the proposed development in Carteret County 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.

Condition(s) of Certification:

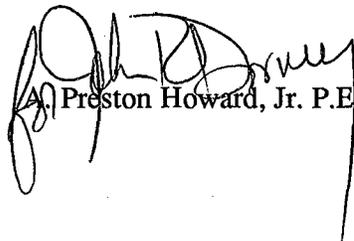
1. That the activity be conducted in such a manner as to prevent significant increase in turbidity outside the area of construction or construction related discharge (50 NTUs in streams and rivers not designated as trout waters by DEM; 25 NTUs in all saltwater classes, and all lakes and reservoirs; 10 NTUs in trout waters).
2. A mitigation plan for bottomland hardwood impacts shall be submitted to DEM before 28 March 1997 for written approval. Planting shall begin within one growing season of the approval of that plan.

Violations of any condition herein set forth shall result in revocation of this Certification. 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 2nd day of April, 1996

DIVISION OF ENVIRONMENTAL MANAGEMENT


A. Preston Howard, Jr. P.E.

WQC #3061

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Coastal Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Roger N. Schechter, Director



April 12, 1996

Mr. B. J. O'Quinn
NC Dept. of Transportation
Planning & Environmental Branch
P. O. Box 25201
Raleigh, NC 27611

Dear Sir:

The enclosed permit constitutes authorization under the Coastal Area Management Act, and where applicable, the State Dredge and Fill Law, for you to proceed with your project proposal. The original (buff-colored form) is retained by you and it must be available on site when the project is inspected for compliance. Please sign both the original and the copy and return the copy to this office in the enclosed envelope. Signing the permit and proceeding means you have waived your right of appeal described below.

If you object to the permit or any of the conditions, you may request a hearing pursuant to NCGS 113A-121.1 or 113-229. Your petition for a hearing must be filed in accordance with NCGS Chapter 150B with the Office of Administrative Hearings, P.O. Drawer 11666, Raleigh, NC 27611, (919) 733-2698 within twenty (20) days of this decision on your permit. You should also be aware that if another qualified party submits a valid objection to the issuance of this permit within twenty (20) days, the matter must be resolved prior to work initiation. The Coastal Resources Commission makes the final decision on any appeal.

The project plan is subject to those conditions appearing on the permit form. Otherwise, all work must be carried out in accordance with your application. Modifications, time extensions, and future maintenance require additional approval. Please read your permit carefully prior to starting work and review all project plans, as approved. If you are having the work done by a contractor, it would be to your benefit to be sure that he fully understands all permit requirements.

From time to time, Department personnel will visit the project site. To facilitate this review, we request that you complete and mail the enclosed Notice Card just prior to work initiation. However, if questions arise concerning permit conditions, environmental safeguards, or problem areas, you may contact Department personnel at any time for assistance. By working in accordance with the permit, you will be helping to protect our vitally important coastal resources.

Very sincerely,

John R. Parker, Jr.
Major Permits Processing Coordinator

JRP:jr/amw
Enclosure

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-2293



FAX 919-733-1495
An Equal Opportunity/Affirmative Action Employer
50% recycled/10% post-consumer paper

Permit Class

NEW

Permit Number

50-96

STATE OF NORTH CAROLINA
Department of Environment, Health & Natural Resources
and
Coastal Resources Commission

Permit

Major Development in an Area of Environmental Concern pursuant to NCGS 113A-118

Excavation and/or filling pursuant to NCGS 113-229

Issued to **NC Dept. of Transportation, Div. of Highways, P.O. Box 25201, Raleigh NC 27611**

authorizing development in Carteret County at Peletier Creek, North of US 70 in Morehead City

as requested in the permittee's application dated 11/14/96 including attached workplan drawings, 16, dated received 11/17/95

This permit issued on APRIL 11, 1996 is subject to compliance with the application (where consistent with the permit), all applicable regulations, special conditions and notes set forth below. Any violation of these terms may be subject to a fine, imprisonment or civil action, or may cause the permit to be null and void.

Mitigation

- 1) Prior to initiation of construction, a final mitigation and monitoring plan for the sites described in the permittee's November 1995 preliminary mitigation plan must be submitted to and approved by the Division of Coastal Management.

Water Quality

- 2) The Division of Environmental Management authorized the proposed project under 401 Water Quality Certification No. 3061, which was issued on 4/2/96. Any violation of the conditions of the certification will be considered a violation of this CAMA permit.

(See attached sheets for Additional Conditions)

This permit action may be appealed by the permittee or other qualified persons within twenty (20) days of the issuing date. An appeal requires resolution prior to work initiation or continuance, as the case may be.

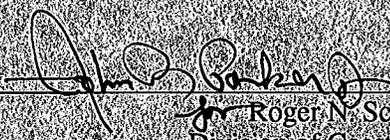
This permit must be accessible on-site to Department personnel when the project is inspected for compliance.

Any maintenance work or project modification not covered hereunder requires further Departmental approval.

All work must cease when the permit expires on **December 31, 1999**

In issuing this permit, the State of North Carolina agrees that your project is consistent with the North Carolina Coastal Management Program.

Signed by the authority of the Secretary of DEHNR and the Chairman of the Coastal Resources Commission



Roger N. Schecter, Director
Division of Coastal Management

This permit and its conditions are hereby accepted:



Signature of Permittee

ADDITIONAL CONDITIONS

Excavation and Fill

- 3) A silt fence shall be placed between all areas to be excavated and the existing creek(s), and a 24 hour period after completion will elapse prior to removal of the silt screen to prevent unnecessary siltation into the adjacent waterbody.
- 4) No vegetated wetlands will be excavated or filled outside of the area indicated on the workplan drawings.
- 5) The temporary placement or double-handling of excavated or fill materials within wates or vegetated wetlands is not authorized.
- 6) All excavated materials will be confined above mean high water and landward of regularly or irregularly flooded marsh behind adequate dikes or other retaining structures to prevent spillover of solids into any marsh or surrounding waters.
- 7) All backfill material will be obtained from a highground source and confined to the permitted roadway alignment.
- 8) The fill material will be clean and free of any pollutants, except in trace quantities. Metal products, organic materials, or unsightly debris will not be used.

General

- 9) All riprap material must be free from loose dirt and other pollutants. Riprap must consist of clean rock or masonry materials such as, but not limited to marl, granite and broken concrete.
- 10) The activity will be conducted in such a manner as to prevent a significant increase in turbidity outside the area of construction or construction-related discharge. Increases such that the turbidity in the waterbody is 25 NTUs or less in all saltwater classes are not considered significant.
- 11) No vegetated wetlands may be crossed when transporting construction equipment to the project site.

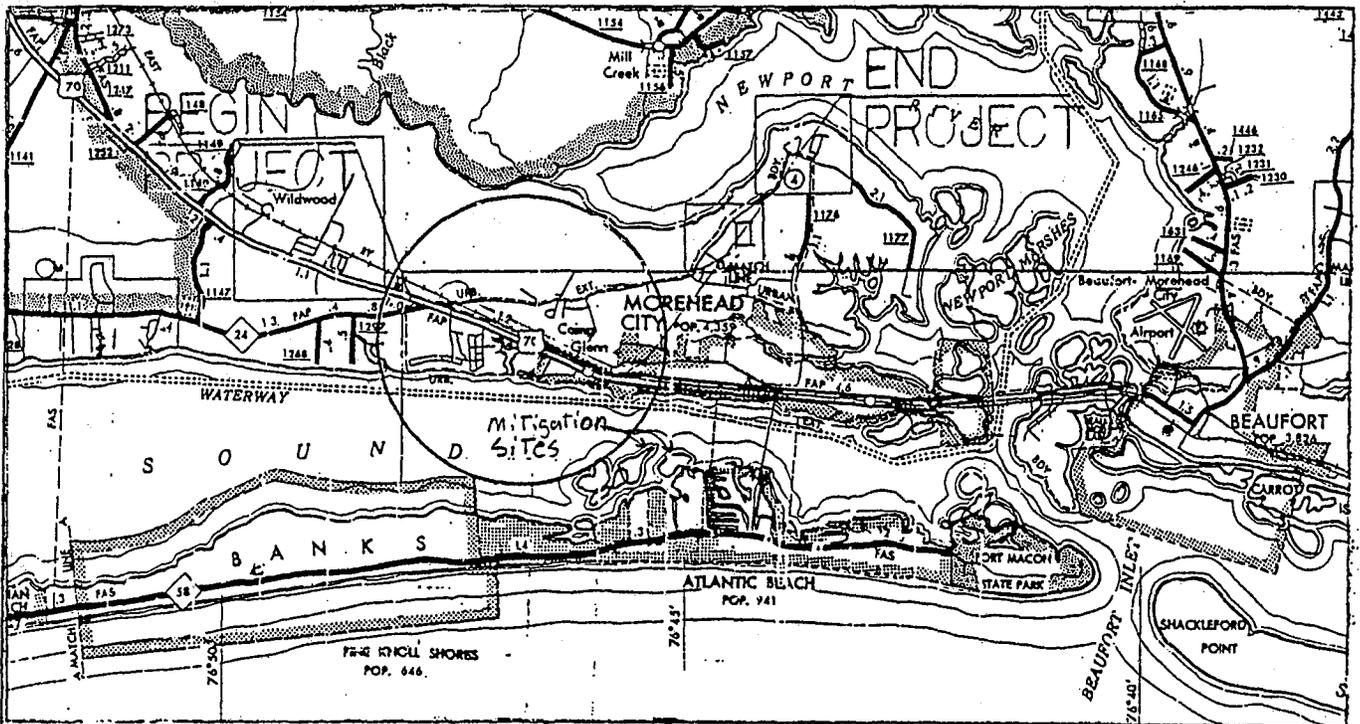
NOTE: The permittee and his contractor is urged to meet with a representative of the Division of Coastal Management prior to project initiation.

NOTE: This project may create mosquito breeding problems. For information regarding appropriate mosquito control measures, contact the Public Health Pest Management Section at (919) 733-6407.

ADDITIONAL CONDITIONS

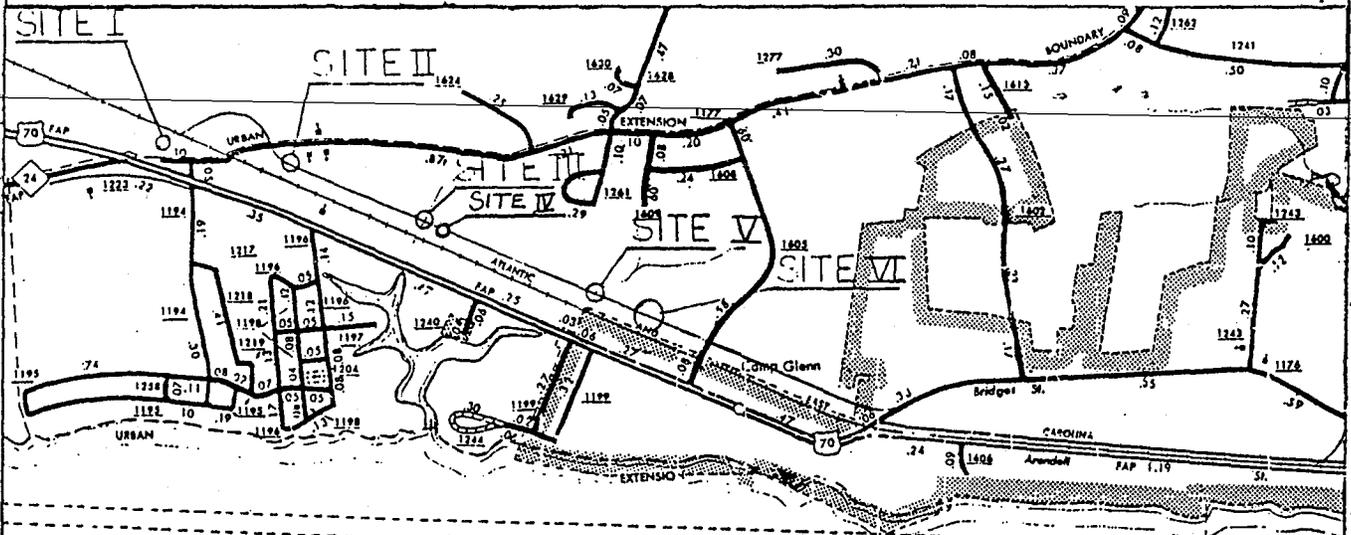
NOTE: The U. S. Army Corps of Engineers has assigned the proposed project COE Action ID No. 199602568.

NOTE: The N. C. Department of Transportation has assigned the proposed project TIP No. U-2226.



VICINITY MAP

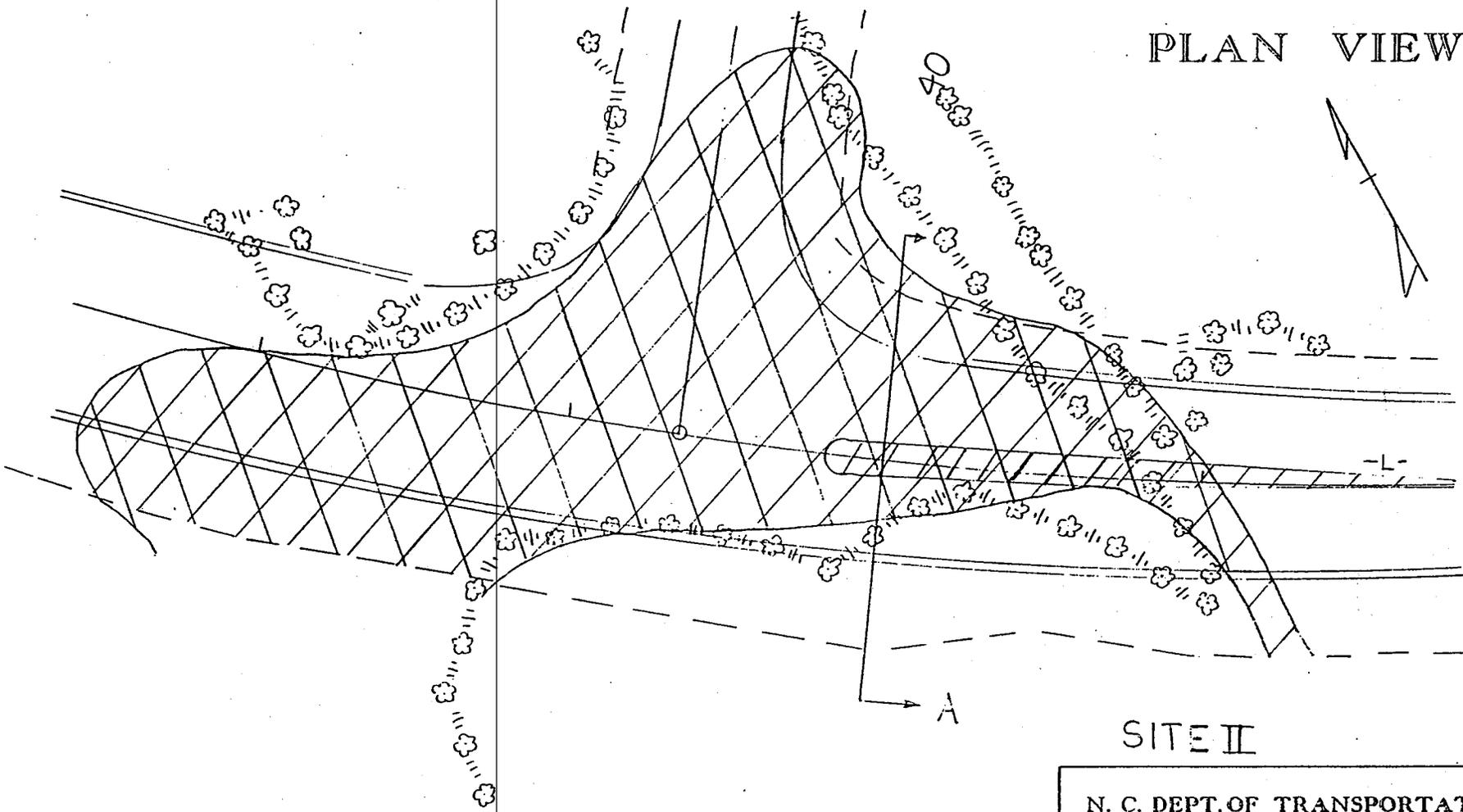
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N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
PROJECT 9.8022831 U-2226
BRIDGES STREET EXTENSION
SHEET 1 OF 11

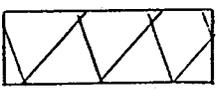
B O G U E
S O U N D

PLAN VIEW



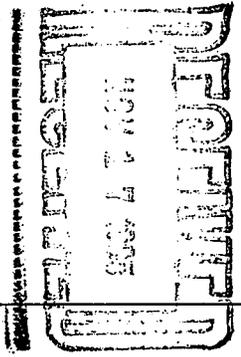
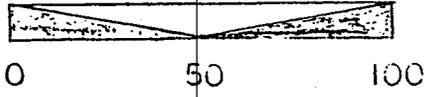
SITE II

N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
PROJECT 9.8022831 U-2226
BRIDGES STREET EXTENSION



DENOTES AREA OF FILL IN NON-TIDAL WETLAND 0.66

SCALE

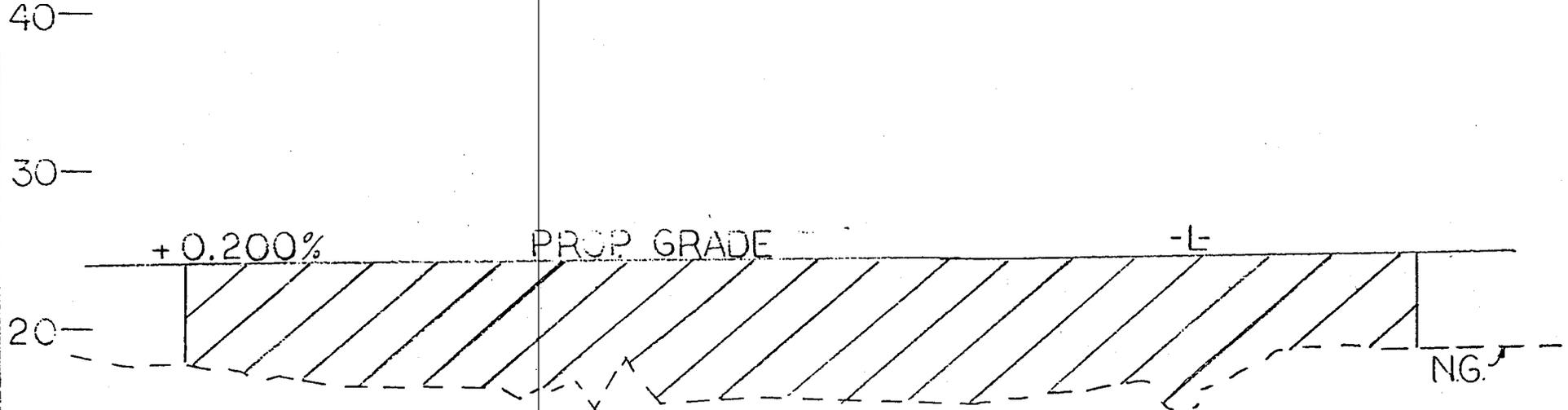


SITE II

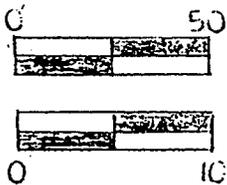
PROFILE



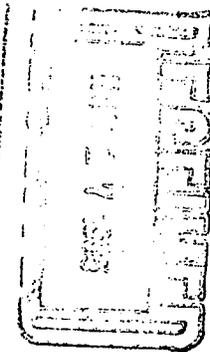
DENOTES FILL IN
WETLANDS



40—
30—
20—
10—
0—
37 | 38 | 39 | 40



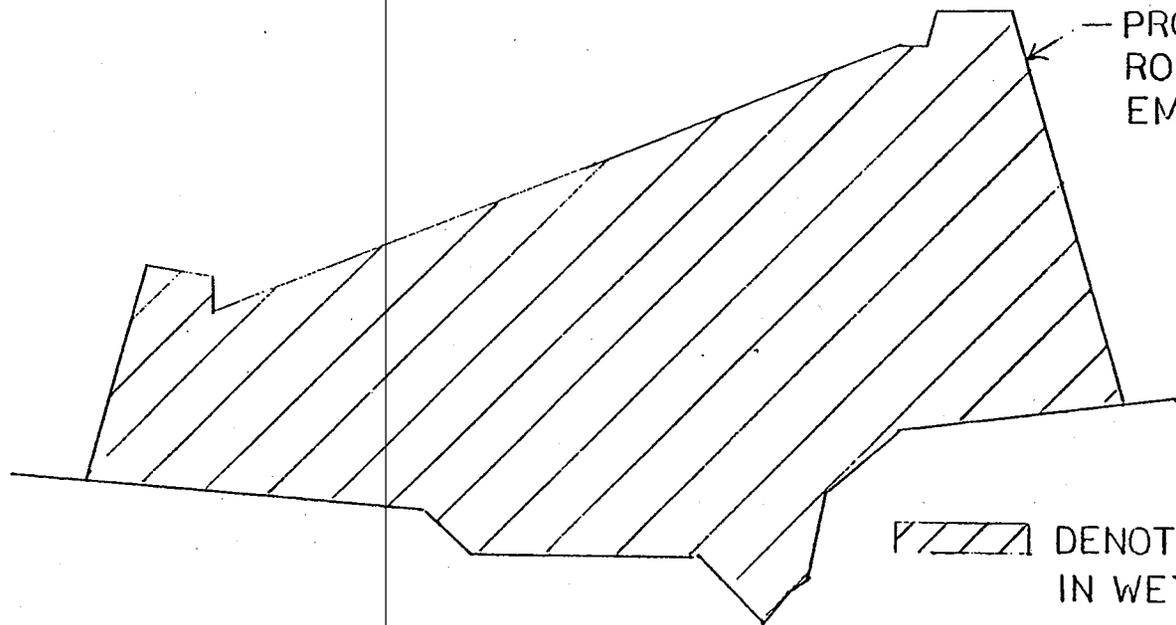
HORIZONTAL SCALE
VERTICAL SCALE



N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
PROJECT 9.8022831 U-2226
BRIDGES STREET EXTENSION
SHEET 3 OF 11

60 40 20 0 20 40 60

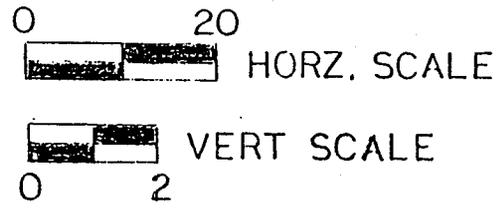
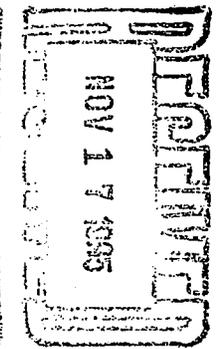
— 26
— 24
— 22
— 20
— 18
— 16
— 14



PROPOSED
ROADWAY
EMBANKMENT

 DENOTES FILL
IN WETLANDS

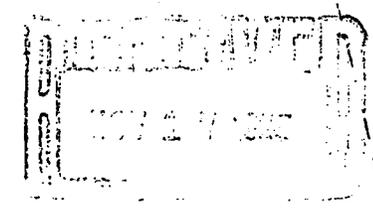
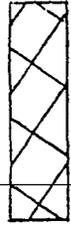
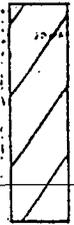
SECTION A-A
40+00



N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
PROJECT 9.8022831 U-2226
BRIDGES STREET EXTENSION
SHEET 4 OF 11

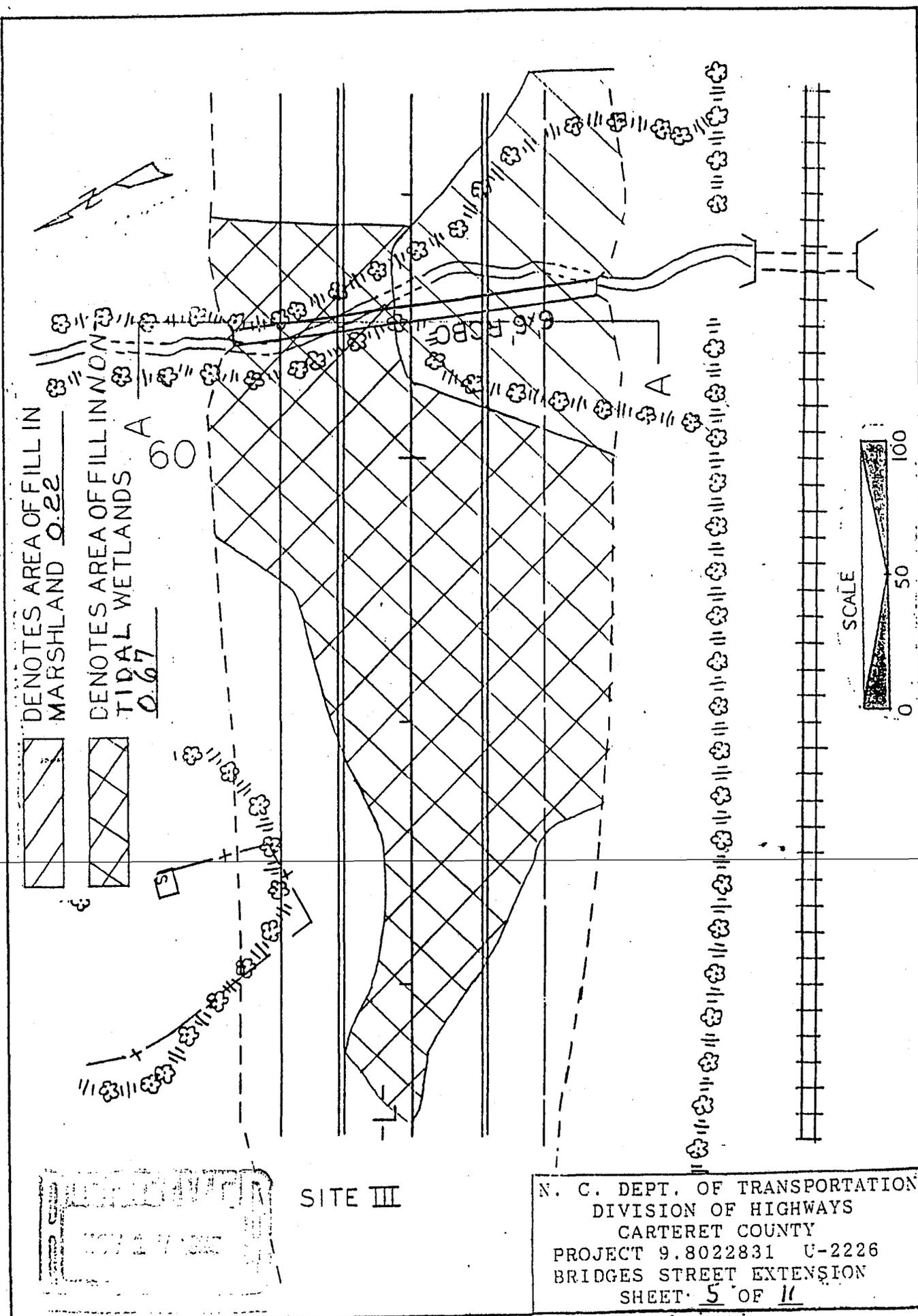
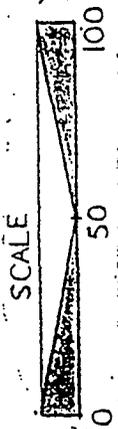
DENOTES AREA OF FILL IN MARSHLAND 0.22

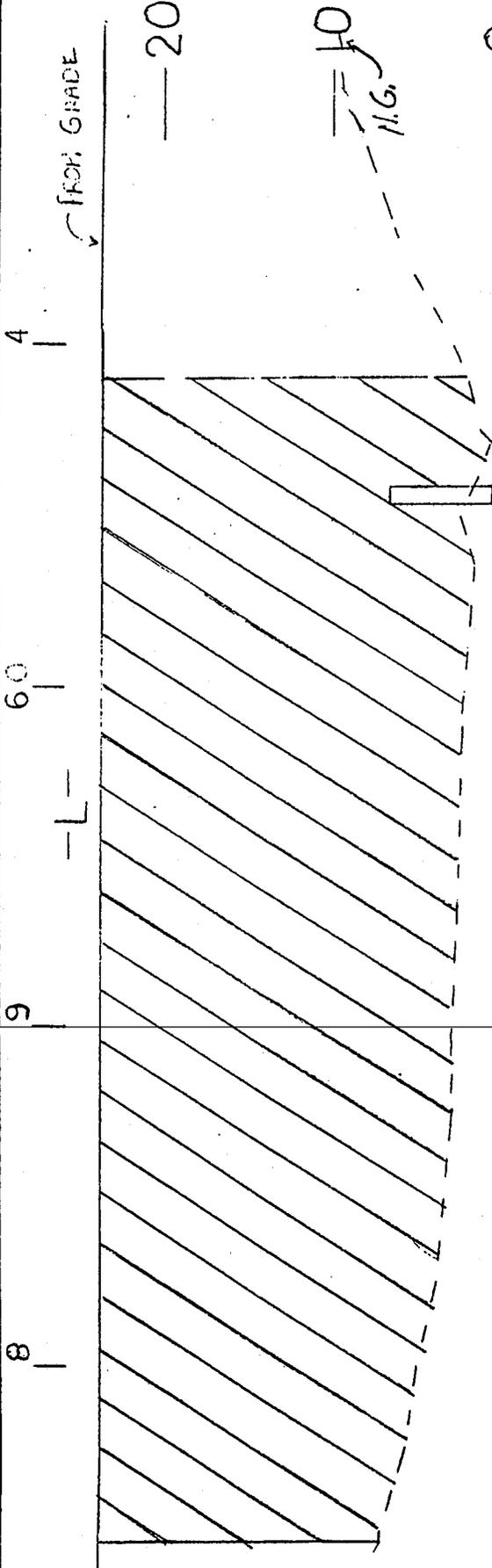
DENOTES AREA OF FILL IN NON TIDAL WETLANDS 0.67



SITE III

N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
CARTERET COUNTY
PROJECT 9.8022831 U-2226
BRIDGES STREET EXTENSION
SHEET 5 OF 11

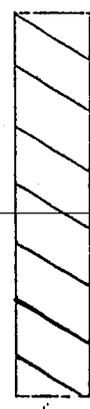




6' BED ELEV. 0.8'
 PROF. 6'X6' RCBC

PROFILE

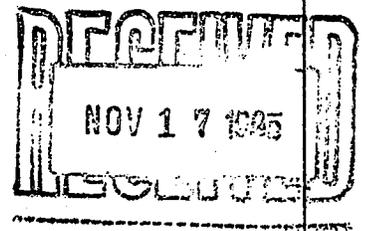
DENOTES FILL
 IN WETLANDS



HORIZONTAL SCALE

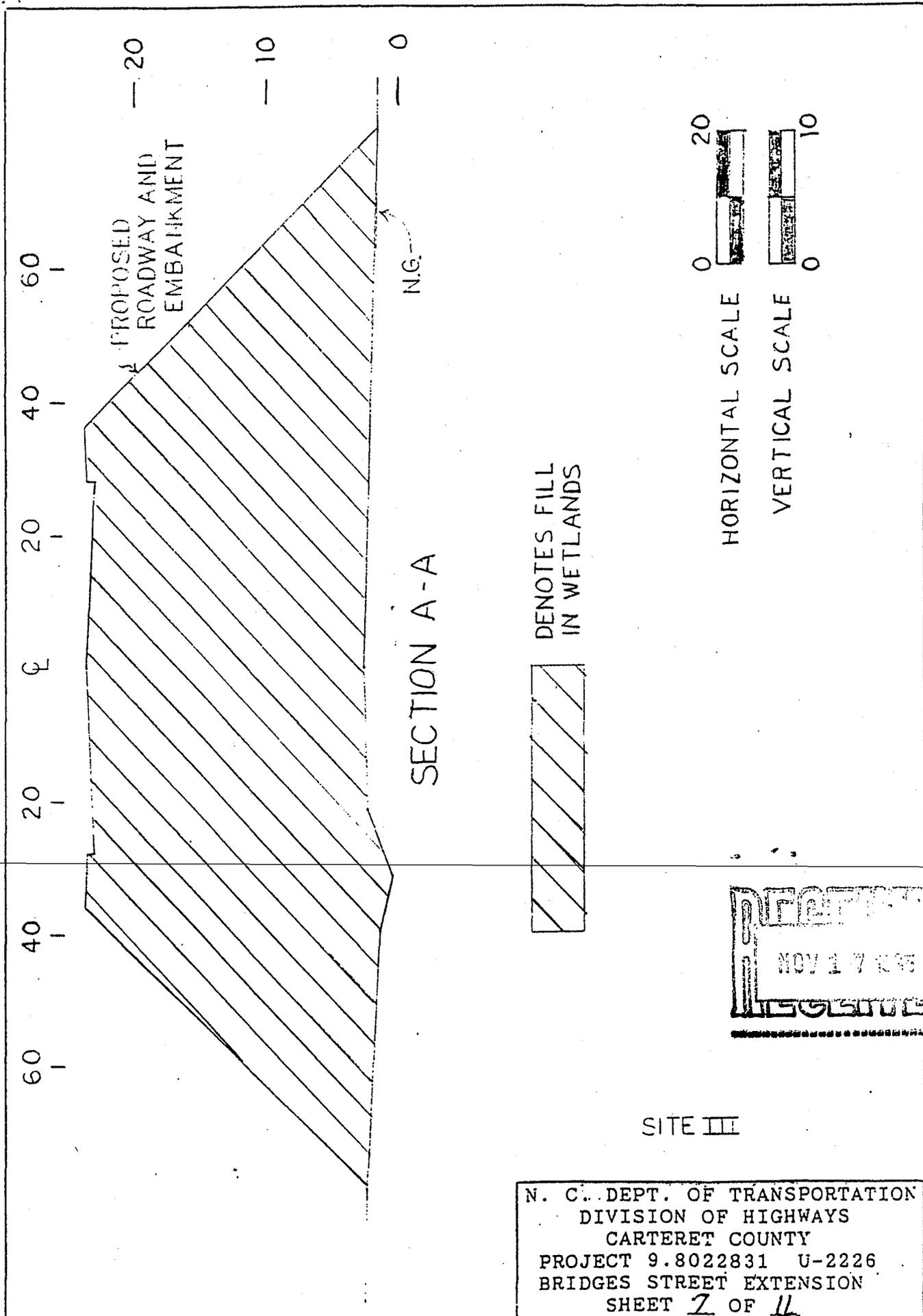


VERTICAL SCALE



SITE III

N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 CARTERET COUNTY
 PROJECT 9.8022831 U-2226
 BRIDGES STREET EXTENSION
 SHEET 8 OF 11



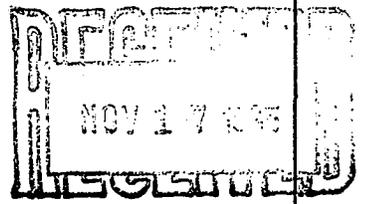
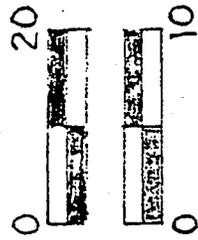
SECTION A-A

DENOTES FILL
IN WETLANDS



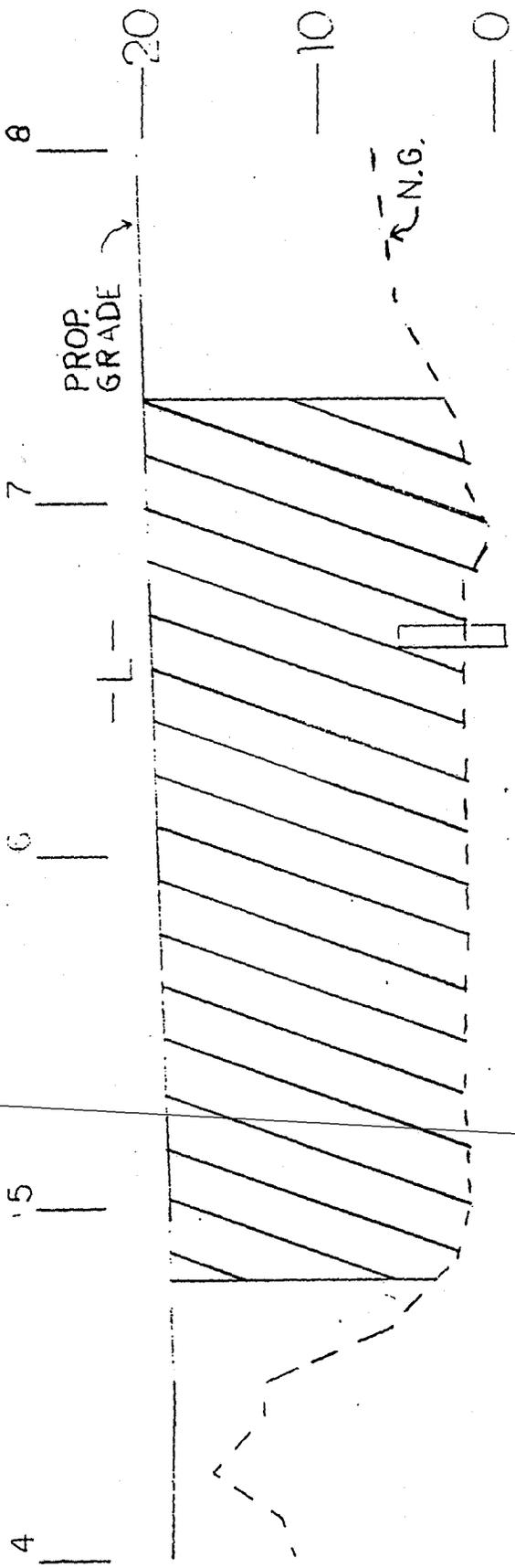
HORIZONTAL SCALE

VERTICAL SCALE



SITE III

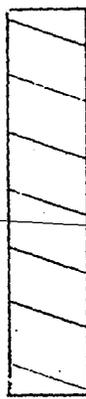
N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 CARTERET COUNTY
 PROJECT 9.8022831 U-2226
 BRIDGES STREET EXTENSION
 SHEET 7 OF 11



± BED ELEV. 0.57'
 PROP. 6' X 6' RCBC

PROFILE

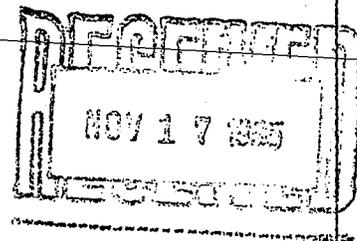
DENOTES FILL
 IN WETLANDS



HORIZONTAL SCALE

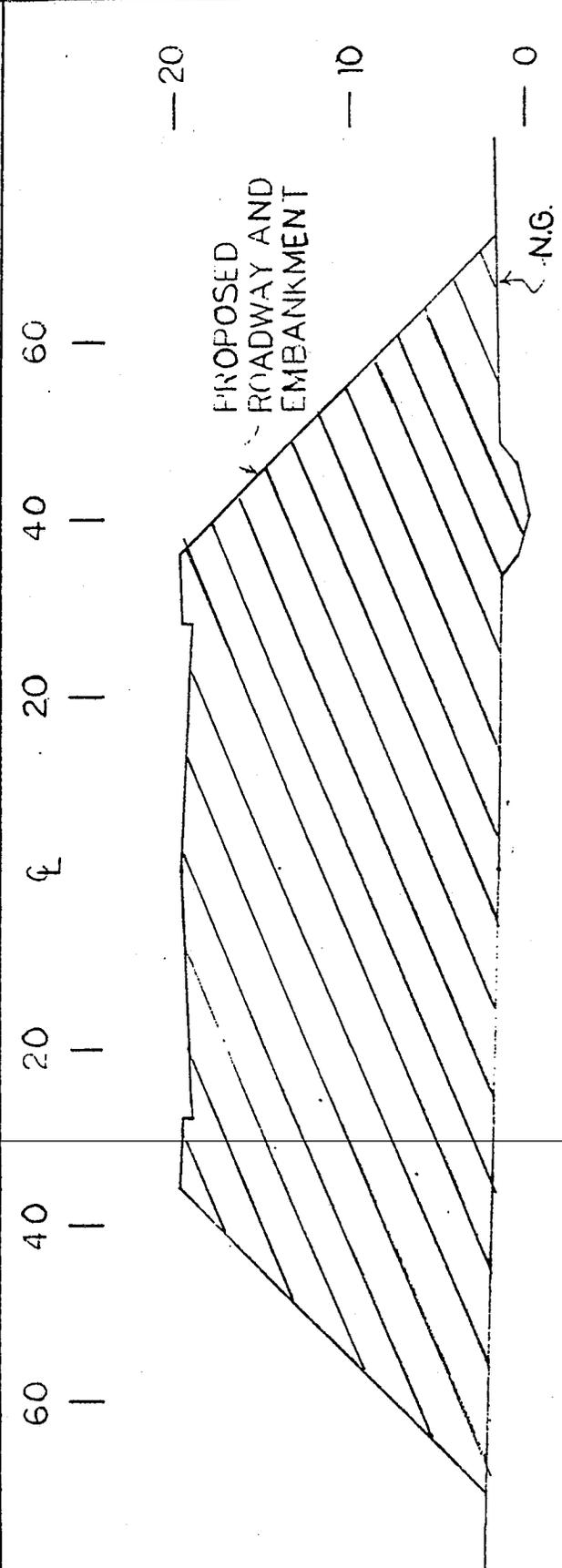


VERTICAL SCALE



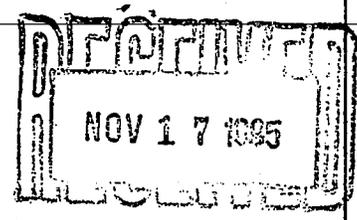
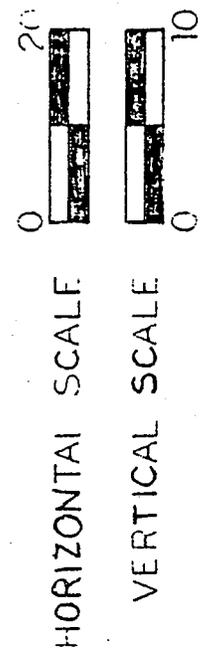
SITE V

N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 CARTERET COUNTY
 PROJECT 9.8022831 U-2226
 BRIDGES STREET EXTENSION
 SHEET 9 OF 11



SECTION A-A

DENOTES FILL
IN WETLANDS

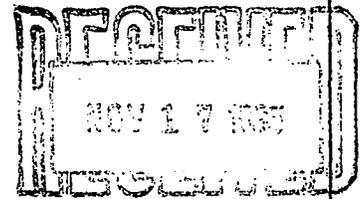


SITE V

N. C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 CARTERET COUNTY
 PROJECT 9.8022831 U-2226
 BRIDGES STREET EXTENSION
 SHEET 10 OF 11

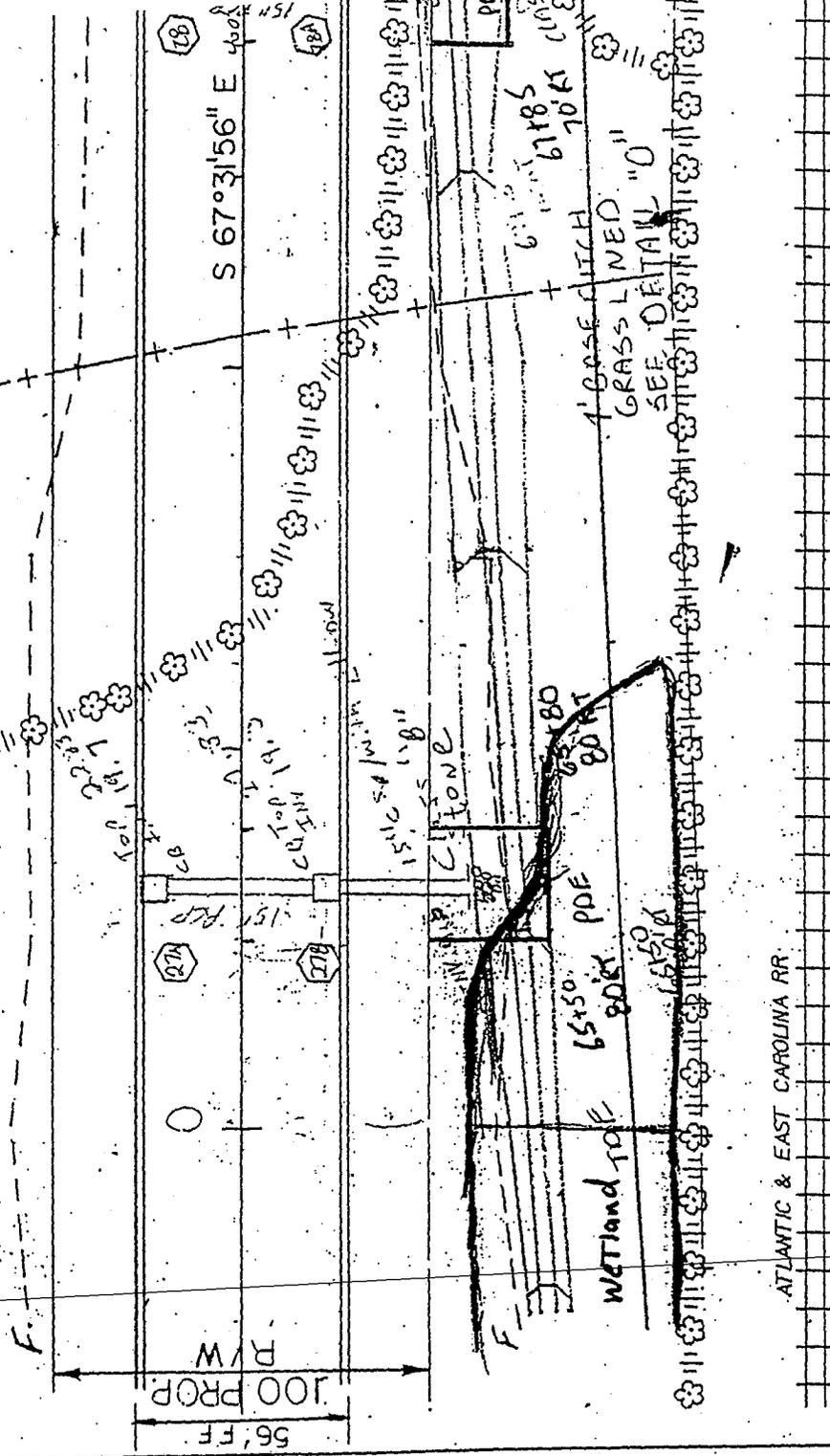
SUMMARY SHEET

SITE	STATION	PROPOSED STRUCTURE TYPE	IMPACTED MARSHLAND	IMPACTED UPLAND WETLANDS	FILL IN SURFACE WATER
I.	15+93 -L- TO 16+50 -L-	24" RCP			0.11 AC.
II.	37+50-L- TO 41+40 -L-	18" RCP		0.66 AC.	
III.	57+47 -L- TO 60+90 -L-	6' X 6' RCBC	0.22 AC.	0.67 AC.	
IV.	63+50 -L- TO 66+30 -L-			0.27 AC.	
V.	84+80 -L- TO 87+30 -L-	6' X 6' RCBC	0.80 AC.	0.03 AC.	
VI.	92+70 -L- TO	36" RCP		0.19 AC.	0.11 AC.
TOTALS			1.02 AC.	1.82 AC	0.22 AC.



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 CARTERET COUNTY
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 BRIDGES STREET EXTENSION
 SHEET *II* OF *II*

WOODS



SITE IV

ATLANTIC & EAST CAROLINA RR.

N = 3.6
 P = 20.6
 S = 11

RECEIVED
 NOV 17 1995

WOODS

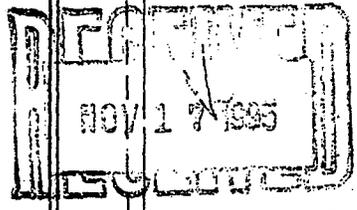
95

SITE VI

300' TAPER

-0.6%

S 67° 31' 56" E



N16° 59' 21" E
50.21'

N16° 59' 21" E TV CABLE U/G
100.32'

TEL CABLE U/G

TV CABLE U/G

72' WD

ISFD

CABLE U/G

SO

PK INAIL

OS

12'

WETLAND

WOODS

WOODS

WOODS

ATLANTIC & EAST

CAROLINA RR

CONG

110

110

110

110

110

110

110

110

110

110

110

110

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110

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110

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110

110

110

110

100 P.P.C.F.

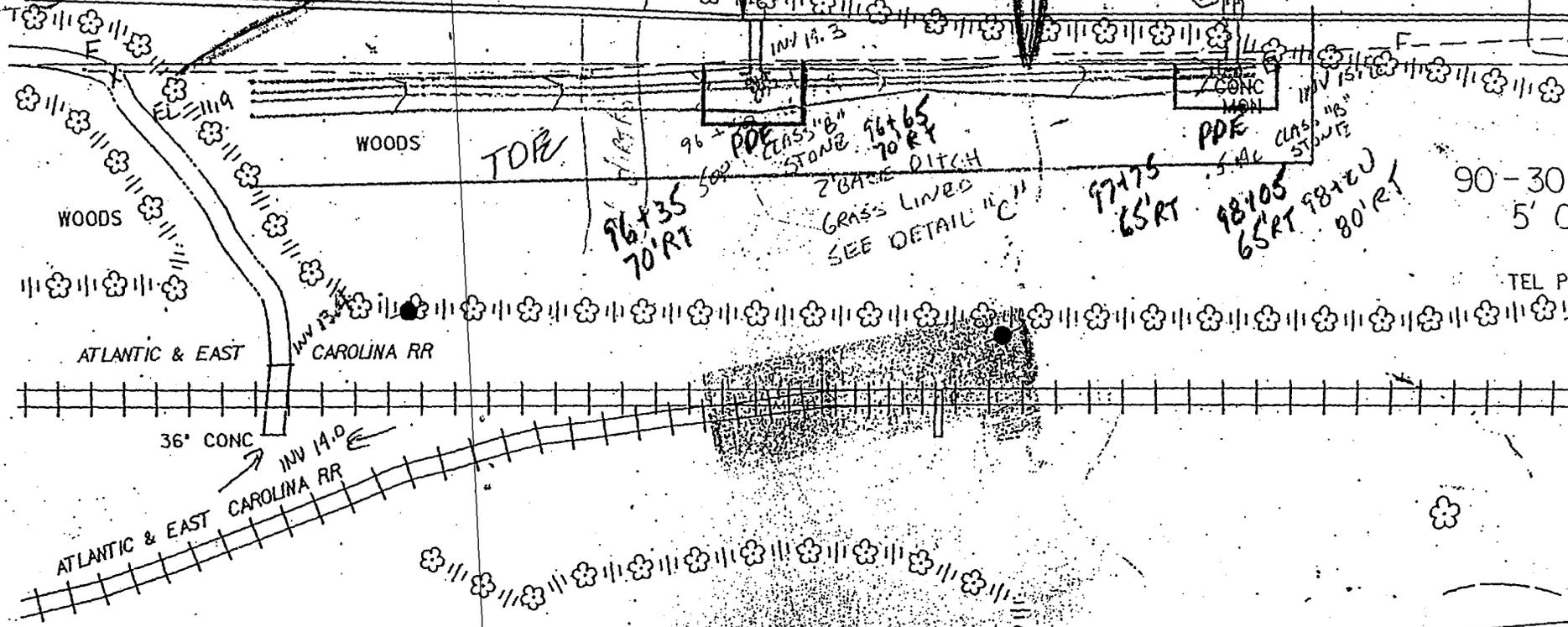
WOODS

SITE VI

300' TAPER

350' FULL

ATLANTIC & EAST CAROLINA RR



Wetland

WOODS

WOODS

ATLANTIC & EAST

CAROLINA RR

36' CONC

ATLANTIC & EAST CAROLINA RR

INV 14.0

TOP

PDE CLASS 8" STONE

2' BASE DITCH
GRASS LINED
SEE DETAIL "C"

PDE

97+75
65'RT

98+05
65'RT

98+20
80'RT

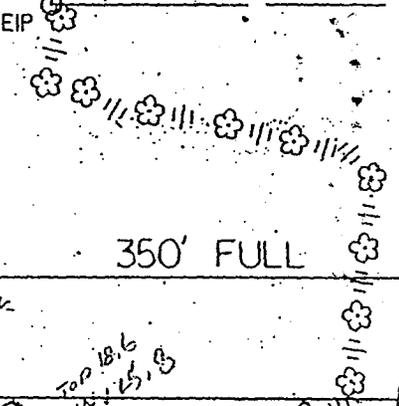
90-30-5' OS

TOP 18.6
TOP 15.8

S 67°31'56" E

W/LT

SAC



TEL PED

