



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

DIVISION OF HIGHWAYS

LYNDO TIPPETT
SECRETARY

May 31, 2005

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

Attention: Mr. Dave Timpy
NCDOT Coordinator

Dear Sir:

SUBJECT: Request for Modification of 404 Individual Permit and 401 Water Quality Certification Permit: Smith Creek Parkway from Northeast Cape Fear River to 0.5 mi. East of 23rd Street; TIP Nos. U-92B and U-92A, New Hanover County; Federal Aid Project No. MANHS-0332(8); NCDOT Division 3; \$475 Debit Work Order 8.2250101(WBS Element 34747.1.6).

Reference: USACE Action ID 199603836
DWQ Project No. 011117, WQC No. 3304

The North Carolina Department of Transportation (NCDOT) proposes to modify its activities in jurisdictional areas in portions of U-92B and U-92A. With this letter and attachments, a request is hereby made to modify the existing Individual Section 404 permit and Individual Section 401 Water Quality Certification as described below.

U-92B

The Department requests to modify its activities in wetland Site 2 at the equalizer pipe at L Sta. 40+80. Due to the steep grade between the inlet of the pipe and the adjacent wetland, the Department is requesting to rip rap the inlet slope. After reviewing this site with the NCDOT Hydraulics Unit and the Roadside Environmental Field Operations Engineer, it was concluded that vegetation would not adequately stabilize this site and increased erosion and head cutting would likely occur. The additional area to be impacted as a result of this request would be 672-sq. ft. (0.015 ac.).

To mitigate for the 0.015 acres of proposed impacts to this riverine wetland system associated with Smith Creek; the Department is proposing 0.015 acres of on-site Coastal Plain Small Stream Swamp restoration.

The restoration site is located on the U-92A portion of this project adjacent to L Sta. 30+21 – 34+03m RT. This site, which was not included in the mitigation plan for this project, ties the Bridge Maintenance Phase 2 Mitigation site into the Smith Creek Mitigation site along the fill slope. This small strip totaling 0.17 acres has been excavated and planted to the same specifications and requirements of the adjacent approved onsite mitigation sites constructed for this project. Please find enclosed a map showing the location of the mitigation site and plans that show the area of the mitigation site that will be used for the additional mitigation. A portion of this site was accepted by the Division of Water Quality as mitigation for the 0.003 impacts associated with the modification issued on February 23, 2005 for additional rip rap at the southeast corner of the 23rd St. bridge, Structure 10, Site 3.

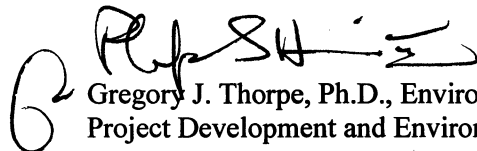
U-92A

The Department is also requesting to modify its activities on a portion of U-92A adjacent to wetland Site 4. It has come to the Department's attention that the twin 600-mm pipes located at Sta. 12+50 on Y-2 (US 117/NC 133/ Castle Hayne Rd) require replacement. The existing pipes will be replaced with 3@ 900 mm x 25m corrugated aluminum alloy pipes. No changes in the existing footprint or additional wetland impacts are proposed.

We are also requesting by copy of this letter a modification of the 401 Water Quality Certification from the DWQ. We have provided a method of debiting \$475 to be submitted to the DWQ for processing the WQC permit modification request, as noted in the subject line of this application, as payment for processing the Individual Section 401 permit modification.

If you have any questions or need additional information please contact Tyler Stanton at (919) 715-1439 or Mason Herndon at (910) 251-5724.

Sincerely,



Gregory J. Thorpe, Ph.D., Environmental Management Director
Project Development and Environmental Analysis Branch

cc: Mr. Ken Averitte, NCDWQ, Fayetteville Regional Office
Mr. Dave Timpy, USACE
Mr. Brian Wrenn, NCDWQ
Mr. John Hennessey, NCDWQ
Ms. Becky Fox, USEPA
Mr. Gary Jordan, USFWS
Mr. Ron Sechler, NMFS
Mr. Michael Street, NCDMF
Mr. Steve Sollod, NCDWM
Mr. Bill Arrington, NCDWM
Mr. John Sullivan, III, FHWA
Mr. H. Allen Pope, P.E., Division Engineer
Mr. Mason Herndon, Division Environmental Officer

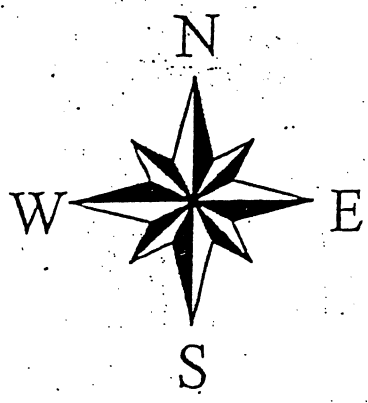
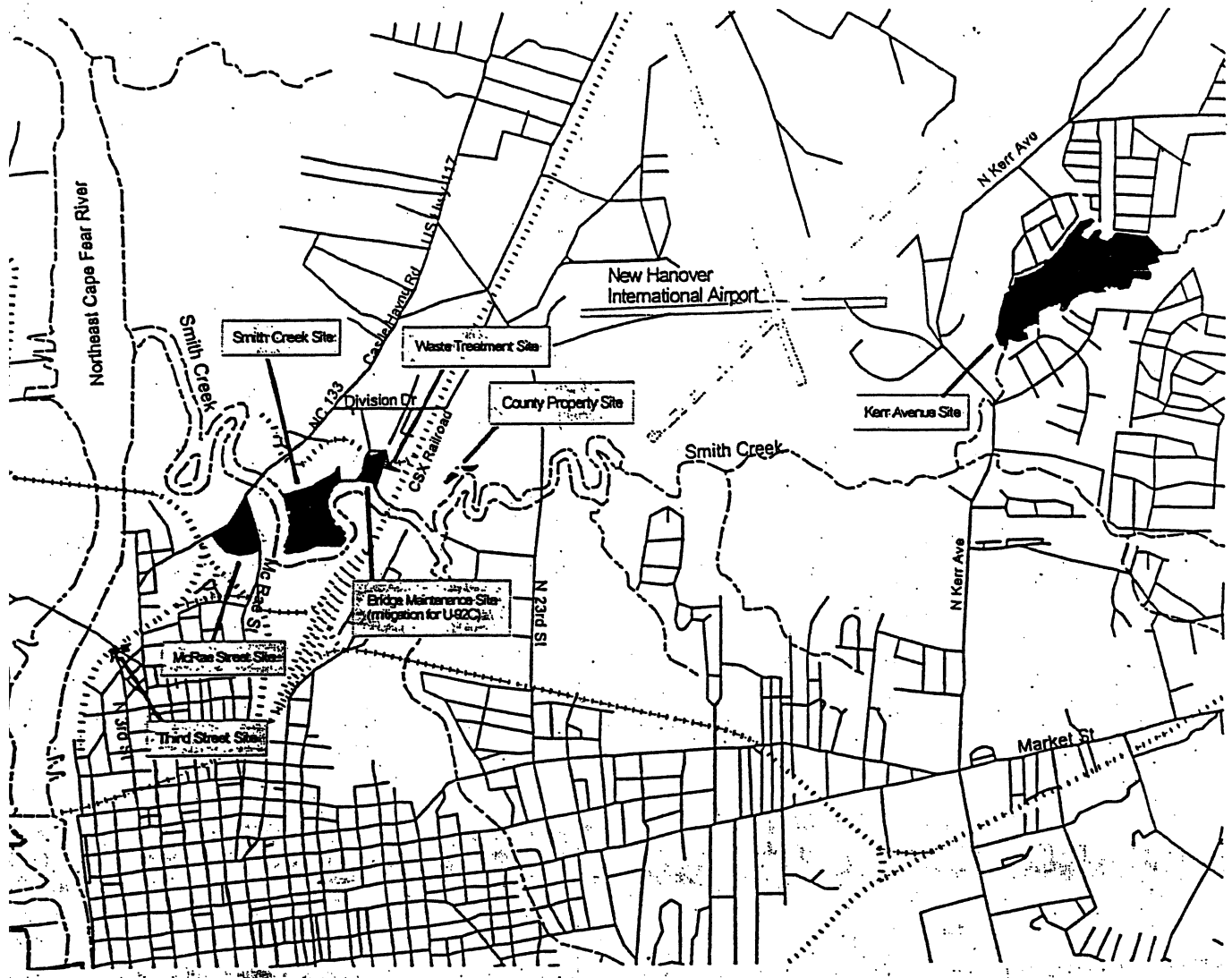


Fig. 1 Mitigation Sites
 U-92A/B Smith Creek Parkway
 New Hanover County

REVISIONS

U-92A SMITH CREEK PARKWAY ADDITIONAL MITIGATION



(910)

CORBETT PACKAGE COMPANY

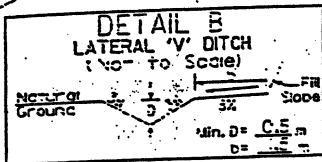
TRACK REMOVED
BY OTHERS

TSS: 1.0+40.000

ST Sta. 0+30.000

0+80.000
35.000
(11483)

SCS Sta. 0+80.000



FROM STA 33+20 TO STA 34+00 -L- LT
 FROM STA 34+00 TO STA 35+20 -L- LT
 FROM STA 1+60 TO STA 3+20 -YIRPB- LT
 FROM STA 1+20 TO STA 1+60 -YIRPB- LT

LATERAL 'V' DITCH
GRASS LINED
SEE DETAIL B

-YIRPB- ST Sta. 0+00.000 =
 -L- POC Sta. 34+35.283 (117m) LT

LATERAL 'V' DITCH
GRASS LINED
SEE DETAIL B

BEGN SBG
STA 0+50.597

N 65° 16' 34.5" E

-XC/ER- PC Sta. 1+40.703

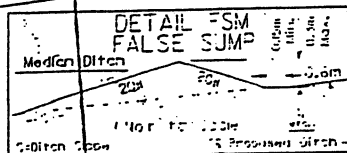
-XOVER- P Sta. 2+05.000

FILL SLOPE

BRIDGE MAINTENANCE PHASE 2 MITIGATION SITE

0+00 FOR 0+00
MITIGATIONAL

LIMIT OF CONTAMINATED MATERIAL



PIs Sta 33+07.243	PI Sta 35+34.802	PIs Sta
Os = 4' 10" 10"	L = 45° 05' 57.5" (RT)	Os =
Ls = 70.000	L = 386.201	Ls =
LT = 46.580	T = 201.239	LT =
ST = 233.45	R = 480.000	ST =
	F = 06	

METRIC

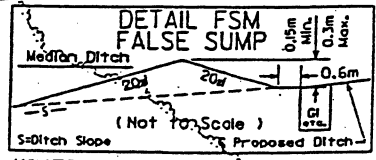
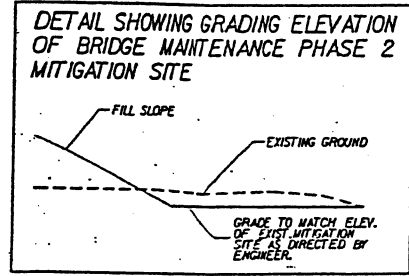
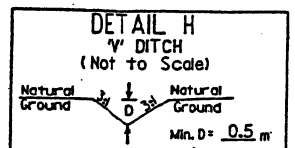
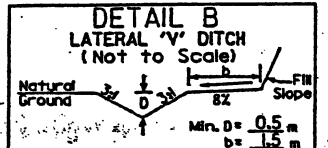
1/W SHEET NO. ROADWAY DESIGN ENGINEER HYDRAL ENGIN

5 0 10

CONST.REV. R/W REV.

12/1/00

FOR PROFILE OF LINE -L- SEE SHEETS 15 AND 16
FOR PROFILE OF LINE -YIRPB- SHEETS 20 AND 21



<p>-XOVER-</p> <p>PI Sta 1+73.142 Δ = 18° 25' 32.5" (RT) L = 64.318 R = 324.39 R = 200.000</p>	<p>PIs Sta 33+07.243 Θs = 4° 10' 40" Ls = 70.000 LT = 46.680 ST = 23.345</p>	<p>PI Sta 35+34.802 Δ = 46° 05' 57.5" (RT) L = 386.201 T = 204.239 R = 480.000 E = .06</p>	<p>-L- STA 36+20.000 END PROJECT TIE TO FUTURE PROJ. 0-0092B N 57202J487 E 708038.6294</p>	<p>PIs Sta 0+10.001 Θs = 1° 44' 52.4" Ls = 30.0 LT = 20.0010 ST = 10.0009</p>	<p>PIs Sta 0+66.681 Θs = 5° 52' 35.4" Ls = 40.0 LT = 26.6814 ST = 13.3467</p>	<p>PI Sta 1+11.715 Δ = 18° 08' 58.2" (LT) L = 61.8266 T = 31.749 R = 195.0000 E = .06 RUNOFF = SEE PLANS</p>
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