



APR 30 2003

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

April 30, 2003

Mr. Bill Arrington, NCDOT Project Manager  
North Carolina Department of Environment  
and Natural Resources  
Division of Coastal Management  
Morehead City District Office  
Hestron Plaza II  
151-B Highway 24  
Morehead City, NC 28557

**RECEIVED**

MAY 13 2003

DIV. OF COASTAL MANAGEMENT  
RALEIGH

Dear Mr. Arrington:

**SUBJECT: Request for refinement of Major Development Permit No. 166-00** for Improvements to US 64 from Plymouth to East of Columbia, Washington and Tyrrell Counties; TIP No. R-2548A; State Project No. 6.149001T

Please reference Major Development Permit No. 166-00 issued to the North Carolina Department of Transportation (NCDOT) on October 30, 2000.

The North Carolina Department of Transportation requests that the referenced Major Development Permit be modified to allow an additional 0.10 acre of fill in jurisdictional wetlands and an additional 1.06 acres of hand clearing in jurisdictional wetlands. Both the fill and the hand clearing occur around impact site 19 on R-2548C. The proposed modification is shown on revised permit sheets 54 of 68 and 60 of 68.

The proposed additional fill is to accommodate an additional left turn lane as a safety measure at the intersection of Scuppernong Road (Y10A) near station No. 18+00 and Benson Road (Y11A) near station No. 30+00. The proposed turn lane will improve safety for vehicles turning left onto Scuppernong Road from Benson Road. Benson Road was realigned as part of the overall R-2548 project and will connect with the old US Highway 64 to carry traffic back towards the town of Edenton.

The proposed hand clearing will take place in the southeast quadrant of the intersection of Benson Road and Scuppernong Road. Approximately 1.06 acres will be cleared to improve site distance in the existing curve.

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS  
1548 MAIL SERVICE CENTER  
RALEIGH NC 27699-1548

TELEPHONE: 919-733-3141  
FAX: 919-733-8794

WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

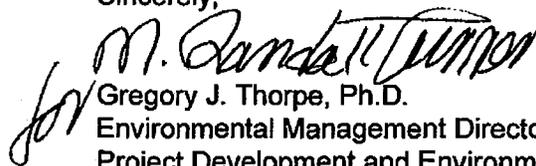
LOCATION:  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH NC

APR 30 2003

The NCDOT proposes to mitigate for the 1.06 acres of clearing and 0.10 fill by restoring a portion of the existing US 64. The amount of restoration will be 1.26 acres. This is a two to one ratio of mitigation to impacts for the fill and a one to one ratio for the clearing. The restoration will consist of removal of the existing road bed and will be planted with a mixture of river birch *Betula nigra*, sycamore *Platanus occidentalis*, willow oak *Quercus phellos*, and green ash *Fraxinus pennsylvanica* at the rate of 640 stems per acre. Due to extremely tiny size of the restoration area and the fact that most of the impacts at the site are clearing impacts, the NCDOT does not propose to monitor this site.

Thank you for all of your help with this important matter. If you have any questions or would like any additional information, please don't hesitate to call Mr. Lindsey Riddick of my staff. Mr. Riddick may be reached at (919) 7151459.

Sincerely,

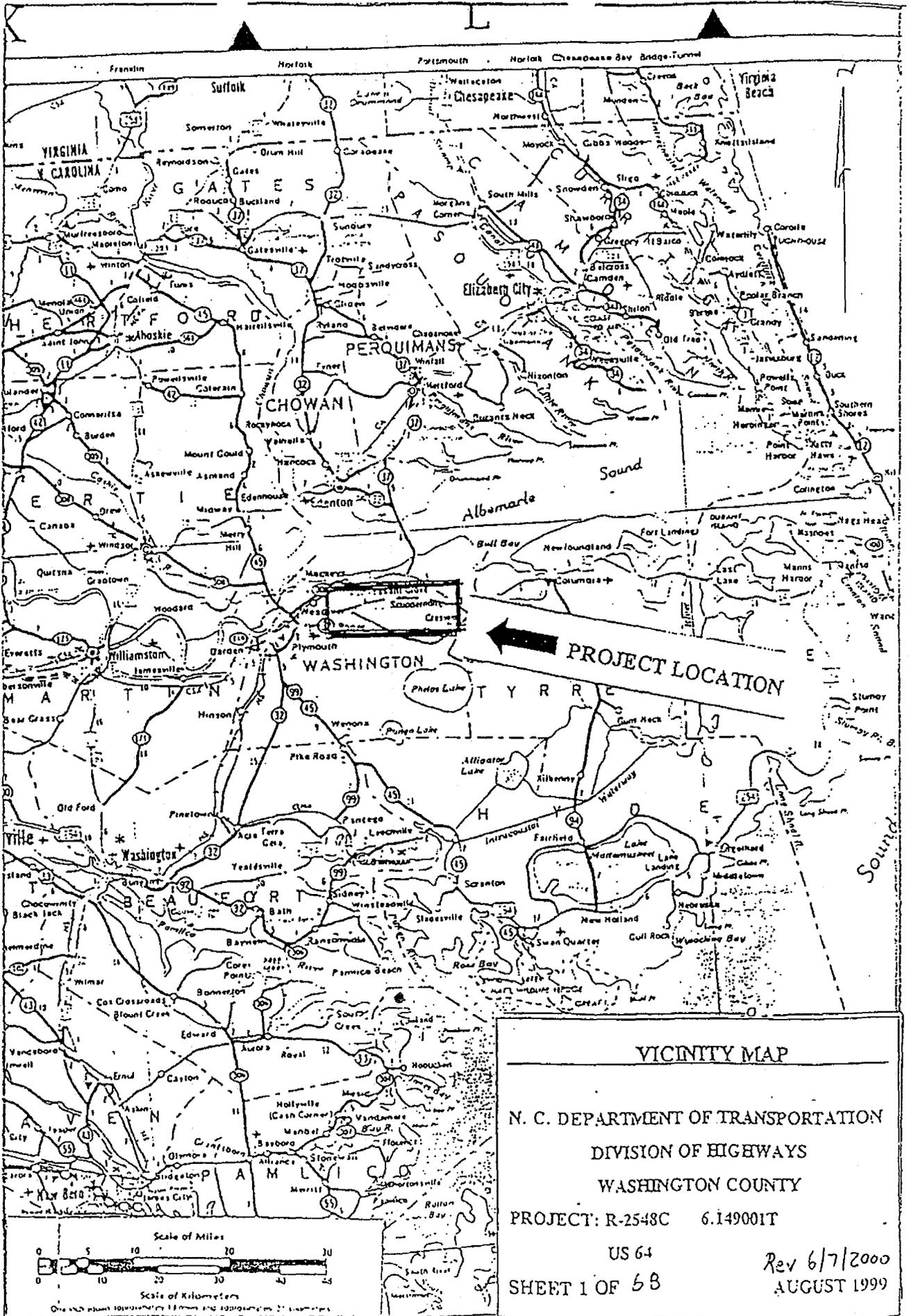
  
Gregory J. Thorpe, Ph.D.  
Environmental Management Director  
Project Development and Environmental Analysis Branch

CC: W/attachment

Mr. Bill Arrington, NCDQM  
Mr. John Dorney, NCDWQ  
Mr. Travis Wilson, NCWRC  
Mr. Garland Pardue, USFWS  
Mr. Ron Sechler, NMFS  
Mr. Greg Perfetti, PE, Structure Design  
Ms. Sara Winslow, NCDMF

W/o attachment

Mr. David Franklin, USACE  
Mr. Jay Bennett, PE, Roadway Design  
Mr. Omar Sultan, Programming and TIP  
Ms. Debbie Barbour, PE, Roadway Design  
Mr. David Chang, PE, Hydraulics  
Mr. David Harris, Roadside Environmental  
Mr. Don Conner, PE, Division One  
Mr. Clay Willis, Division One  
Mr. Richard Brewer, PD&EA

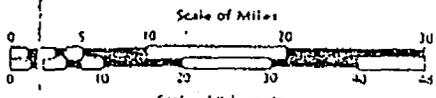


VICINITY MAP

N. C. DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 WASHINGTON COUNTY  
 PROJECT: R-2548C 6.149001T

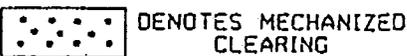
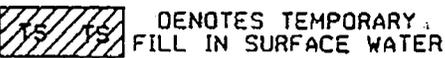
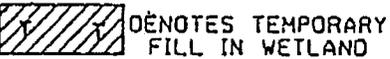
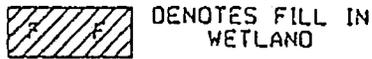
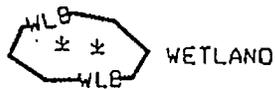
US 64  
 SHEET 1 OF 58

Rev 6/7/2000  
 AUGUST 1999



# LEGEND

— WLB — WETLAND BOUNDARY



← ← FLOW DIRECTION

— TB — TOP OF BANK

— WE — EDGE OF WATER

— C — PROP. LIMIT OF CUT

— F — PROP. LIMIT OF FILL

— ▲ — PROP. RIGHT OF WAY

— NG — NATURAL GROUND

— PL — PROPERTY LINE

— TDE — TEMP. DRAINAGE EASEMENT

— PDE — PERMANENT DRAINAGE EASEMENT

— EAB — EXIST. ENDANGERED ANIMAL BOUNDARY

— EPB — EXIST. ENDANGERED PLANT BOUNDARY

— ▽ — WATER SURFACE

X X X LIVE STAKES  
X X X

BOULDER

COIR FIBER ROLLS

5 ADJACENT PROPERTY OWNER OR PARCEL NUMBER

PROPOSED BRIDGE

PROPOSED BOX CULVERT

PROPOSED PIPE CULVERT

(DASHED LINES DENOTE EXISTING STRUCTURES)

SINGLE TREE

WOODS LINE

DRAINAGE INLET

ROOTWAD

VANE

RIP RAP

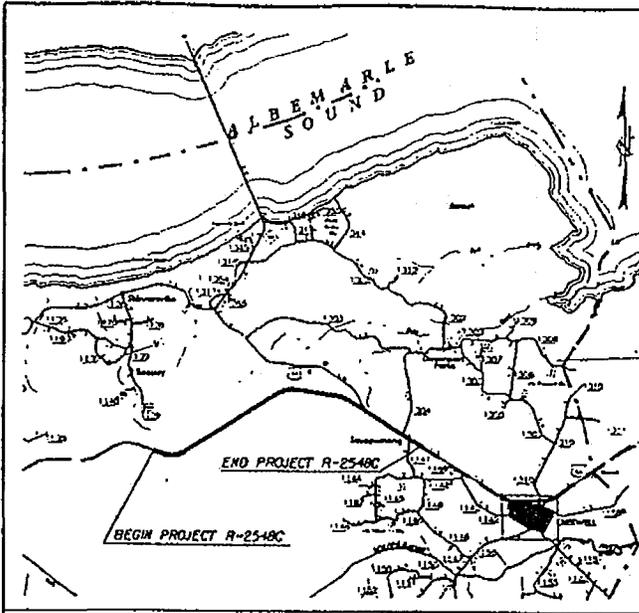
RIP RAP ENERGY DISSIPATOR BASIN

N. C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

WASHINGTON COUNTY

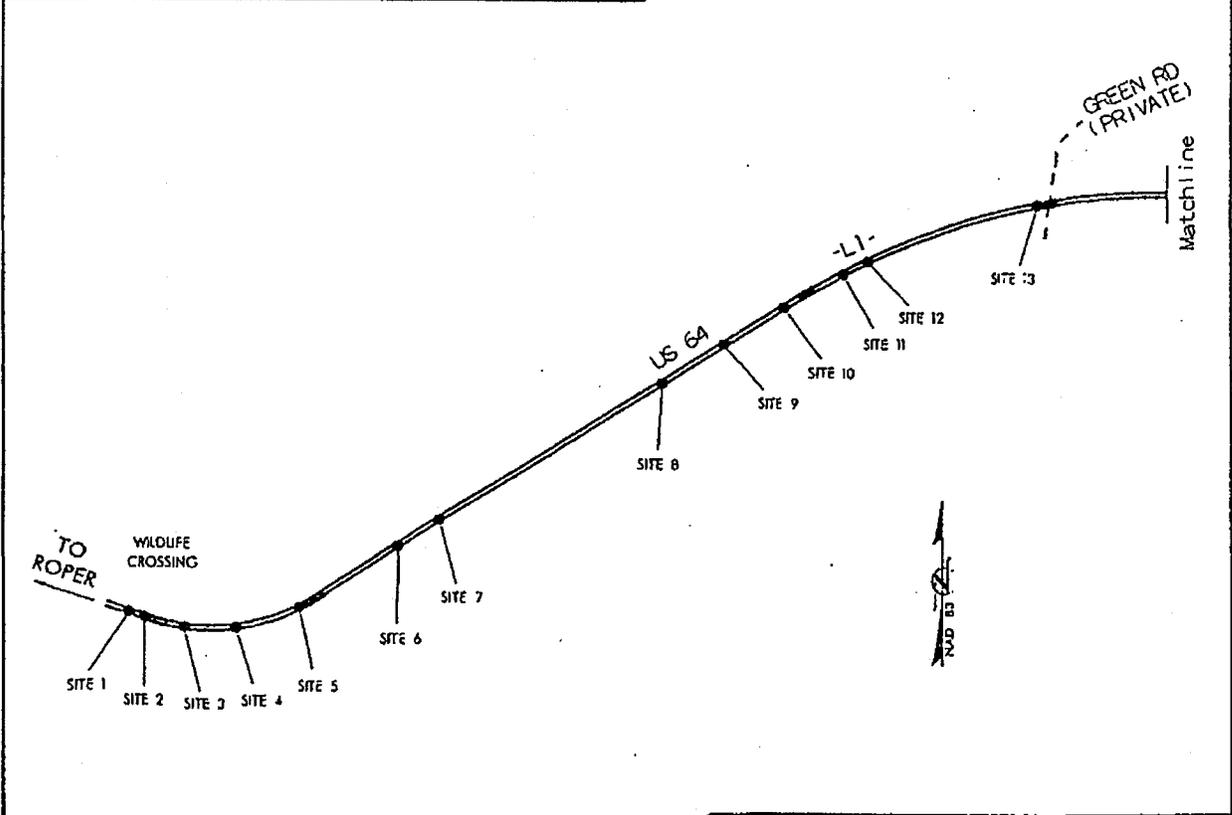
PROJECT: 6.149001T - R-2548C

Rev 6/7/2000  
SHEET 2 OF 53 AUGUST 1999

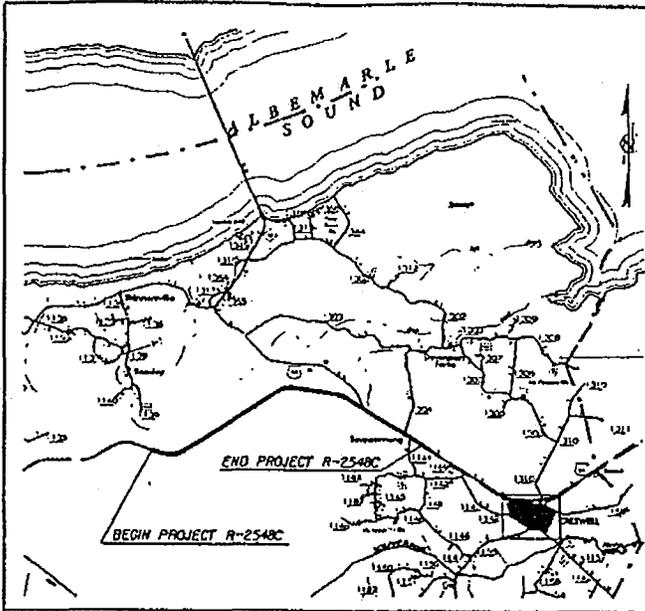


# VICINITY MAP

LOCATION: US 64 FROM 675m NORTHEAST OF SR 1139 (TYSON FARM ROAD) TO APPROX. 1.070 km EAST OF SR 1304 WEST OF CRESWELL

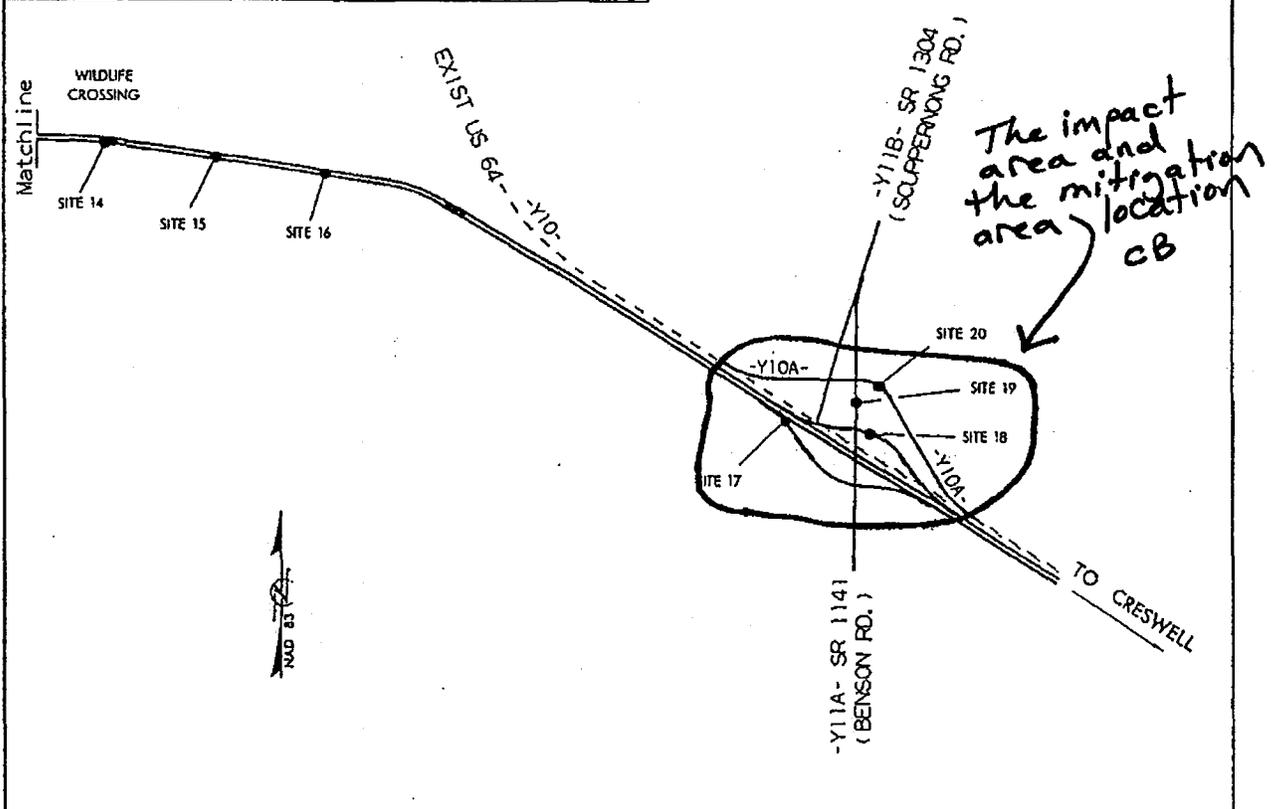


N. C. DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 WASHINGTON COUNTY  
 PROJECT: 6.149001T (R-2548C)  
 US 64  
 SHEET 3 OF 68 6/7/2000



# VICINITY MAP

LOCATION: US 64 FROM 675m NORTHEAST OF SR 1139 (TYSON FARM ROAD) TO APPROX 1.070 km EAST OF SR 1304 WEST OF CRESWELL



N. C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

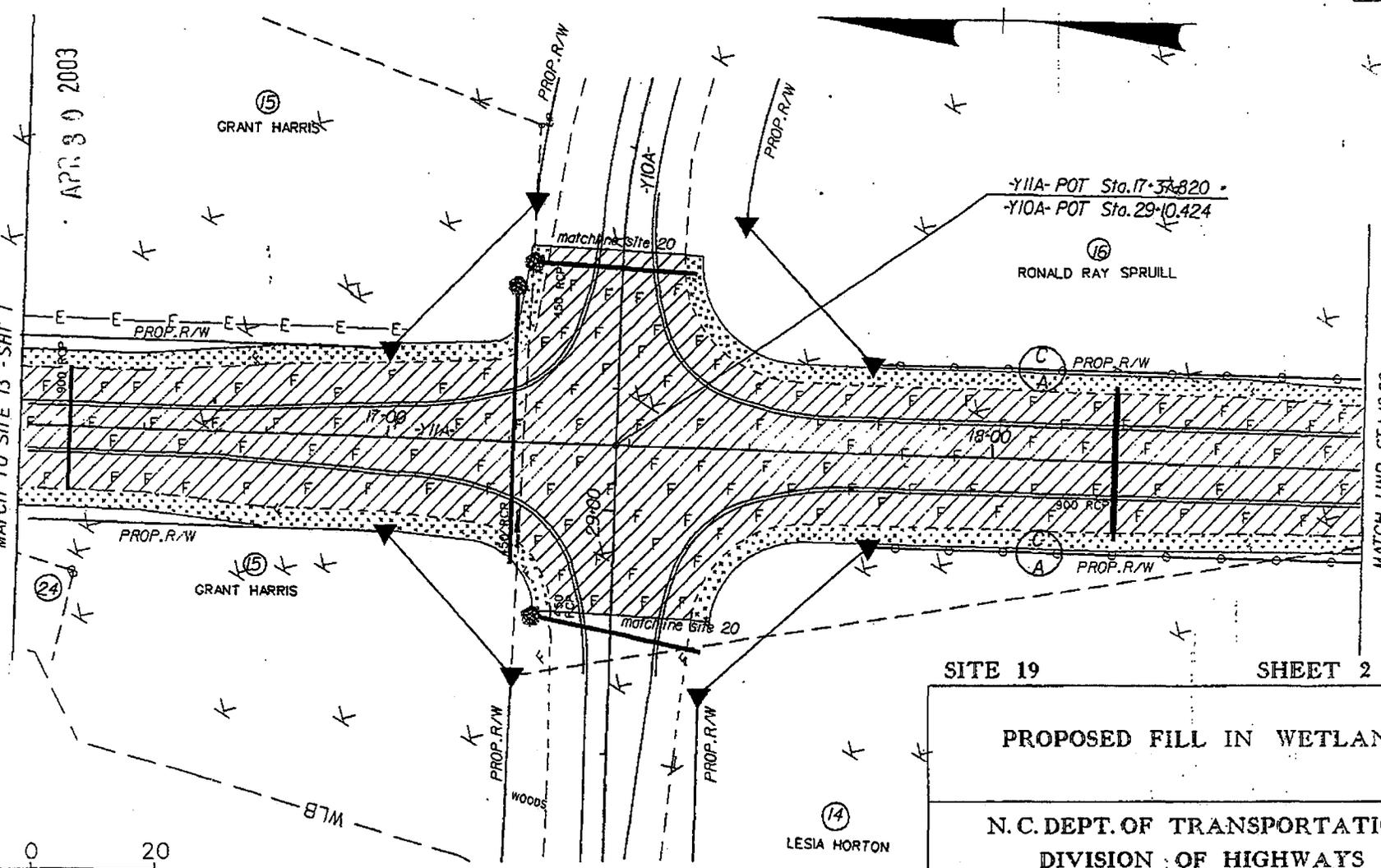
WASHINGTON COUNTY  
PROJECT: 6.149001T (R-2548C)

US 64

APR 30 2003

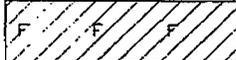
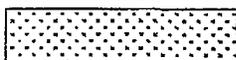
MATCH LINE STA. 16+40  
MATCH TO SITE 13 - SHT 1

MATCH LINE STA. 18+60  
MATCH TO SITE 13 - SHT 3

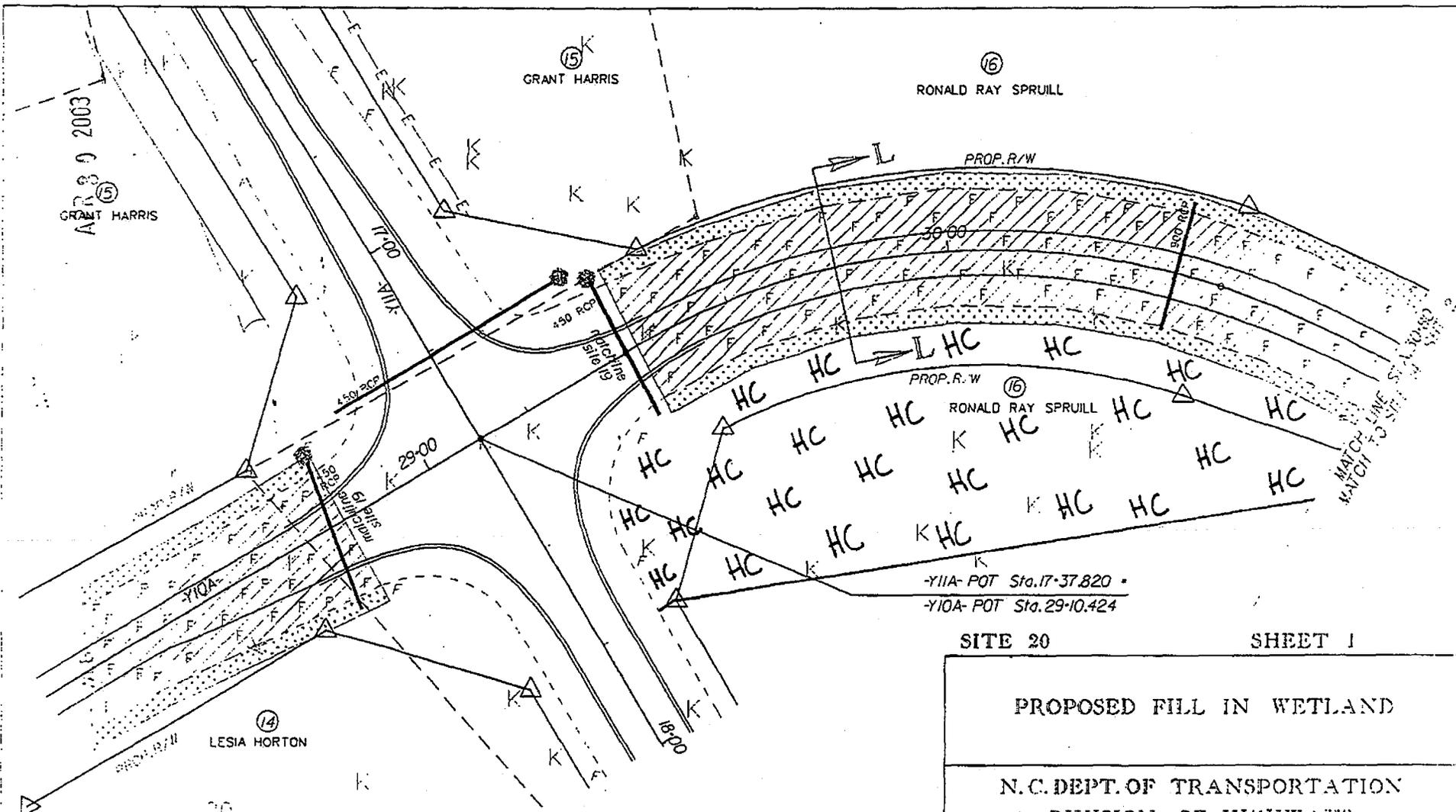


**PLAN VIEW  
SITE 19**

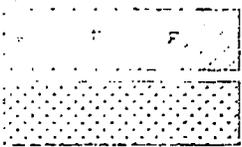
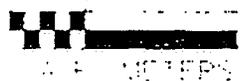
10 0 20  
SCALE (METERS)

 DENOTES FILL IN WETLAND  
 DENOTES MECHANIZED CLEARING

SITE 19	SHEET 2
<b>PROPOSED FILL IN WETLAND</b>	
N. C. DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS	
WASHINGTON COUNTY	
PROJECT 6:149001T - R-2548C US 64	
SHEET 54 OF 68	January 2003

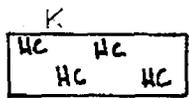


**PLAN VIEW**  
**SITE 20**



DENOTES FILL  
IN WETLAND

DENOTES  
MECHANIZED  
CLEARING



DENOTES  
HAND  
CLEARING

SITE 20 SHEET 1

PROPOSED FILL IN WETLAND

N.C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

WASHINGTON COUNTY

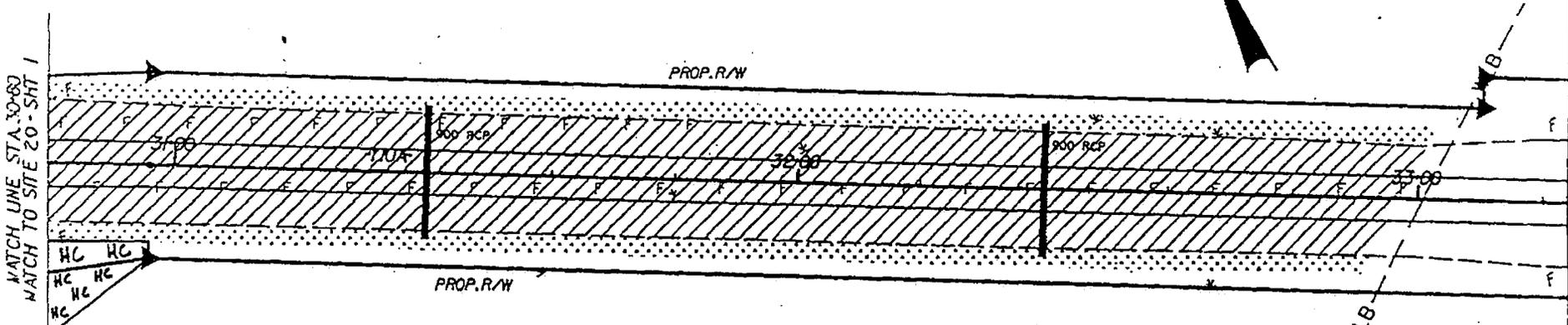
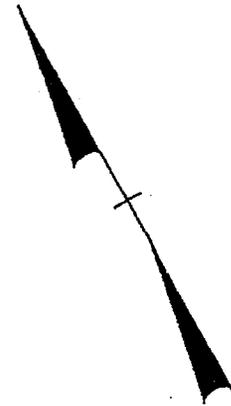
PROJECT 6.149001T - R-25480  
US 64

SHEET 60 OF 68

April '03  
~~January 2003~~

APR 30 2003

⑬  
RONALD RAY SPRULL



⑬  
RONALD RAY SPRULL

SITE 20 / SHEET 2

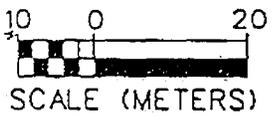
PROPOSED FILL IN WETLAND

N. C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

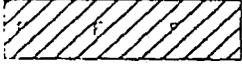
WASHINGTON COUNTY  
PROJECT 6.149001T - R-2548C  
US 64

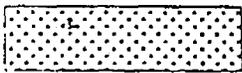
SHEET 61 OF 68

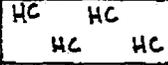
April '03  
MAY 9, 2001



SCALE (METERS)

 DENOTES FILL IN WETLAND

 DENOTES MECHANIZED CLEARING

 DENOTES HAND CLEARING

**PLAN VIEW**  
**SITE 20**

APR 2003

### IMPACT SUMMARY

Site No.	Station (From/To)	Structure Size	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Fill In Wetlands (ha)	Temp. Fill In Wetlands (ha)	Excavation In Wetlands (ha)	Interchange Isolated Wetland (ha)	Mechanized Clearing (Method III) (ha)	Fill In SW (Natural) (ha)	Fill In SW (Pond) (ha)	Existing Channel impacted (m)	Relocated Channel (m)	Enclosed Channel (m)
11	31+85 - 32+00 -L-		0.07				0.01					
12	33+17 - 33+23 -L-		0.03				0.01					
13	42+62 - 42+87 -L-		0.19				0.01					
14	50+52 - 53+72 -L-		0.76				0.09					
15	54+73 - 57+73 -L-		0.64				0.09					
16	58+72 - 62+32 -L-		0.88				0.11					
17	87+03 - 89+10 -L-		2.09				0.17					
18	11+07 - 14+65 -RpC-	900 RCP	0.56				0.14					
19	12+40 - 13+50 -RpA-											
19	14+65 - 20+15 -Y11A-	900 RCP (4)	1.00				0.35					
20	28+30 - 33+00 -Y10A-		0.84				0.25					
<b>TOTALS</b>			11.27	0	0		1.66	0	0	0	0	0

N.C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

WASHINGTON COUNTY

PROJECT: 6.149001T R-2548C