



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

June 4, 2007

Mr. William Wescott
U. S. Army Corps of Engineers
Regulatory Field Office
Post Office Box 1000
Washington, NC 27889-1000

Mr. Stephen Lane
Division of Coastal Management
N. C. Dept. of Env. & Natural Resources
400 Commerce Avenue
Morehead City, NC 28557

Dear Sir:

Subject: Request for Modification of 404 Individual Permit, 401 Water Quality Certification Permit, Tar-Pamlico Buffer Authorization, and CAMA Consistency for the proposed Washington Bypass. US 17 From South of SR 1127 (Possum Track Road) to North of SR 1509 (Springs Road). TIP Number: R-2510, Federal Aid Project MAF-75-3(26). Debit \$475 for WQC Modification from WBS Element No. 34440.1.1

**Reference: USACE Action ID 199301143
DWQ Project No. 050785, WQC No. 3527
Coastal Area Management Act Consistency Concurrence**

The North Carolina Department of Transportation (NCDOT) is requesting a modification to Permit No. 199301143 for wetland and surface water impacts associated with R-2510A. Included in this package are the following: additional wetland impacts, Tar-Pamlico Riparian Buffer Impacts, and revised utility drawings.

The revised design does not compromise NCDOT's compliance with the existing permit conditions. The revision has been evaluated for compliance with the avoidance/minimization criteria and is in compliance with all previous issues, including the following:

- Protected Species
- Aquatic Life passage
- FEMA compliance
- Cultural Resources

Summary of Changes

NCDOT proposes to hand clear 0.15 acre of non-riverine wetlands (refer to sheets 9 & 10) and to hand clear 343 square feet of riparian buffers in Zone 1 (sheet 21). This work is required for the relocation of a power line.

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

TELEPHONE: 919-733-3141
FAX: 919-733-9794

WEBSITE: WWW.NCDOT.ORG

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

General Project Description

The NCDOT proposes to improve existing US 17 to a high speed, multi-lane highway that bypasses the City of Washington. R-2510A will include the widening of approximately 4.2 miles of US 17 from South of SR 1127 (Possum Track Road) to South of SR 1149 (Price Road). The proposed roadway will be a four-lane, divided highway, with grass shoulders and ditches, and a 46-foot wide grassed median.

Tar-Pamlico Buffer Impacts

The total Tar-Pamlico River riparian buffer impacts associated with R-2510A at site BZ 1 (sheet 21) consist of 0.01 acre (437 sq. ft.) in Zone 1.

Hand Clearing

Additional proposed impacts to CWA jurisdictional areas of R-2510A consist of 0.15 acre of non-riverine wetlands (refer to sheets 9 & 10).

PERMITTING ACTIVITY TO DATE

Clean Water Act Section 404 Individual Permit

The project received a Clean Water Act Section 404 Individual Permit (Action ID # 199301143) from the U.S. Army Corps of Engineers (USACE) Wilmington District on November 28, 2005. This permit authorized construction for Section R-2510A. A modification dated January 17, 2007 to the permit was received by NCDOT.

Section 401 Water Quality Certification

The project received a Section 401 Water Quality Certification (DWQ Project No. 050785, WQC No. 3527) from the North Carolina Department of Environment and Natural Resources, Division of Water Quality (NCDWQ) on September 6, 2005. A modification dated February 13, 2007 was received by NCDOT.

Tar-Pamlico Riparian Buffer Authorization

The project received a Tar-Pamlico Riparian Buffer Authorization (DWQ Project No. 050785, WQC No. 3527) from the NCDWQ on September 6, 2005. A modification dated February 13, 2007 was received by NCDOT.

Coastal Area Management Act (CAMA) Consistency Certification

A Consistency Certification was issued by North Carolina Department of Environment and Natural Resources, Division of Coastal Management (NCDCM) on October 31, 2005 for the entire R-2510 project.

MITIGATION

Jurisdictional Wetland Mitigation: NCDOT does not propose mitigation for these impacts due to handclearing.

Tar-Pamlico Buffer Mitigation: The powerline is crossing the stream at a perpendicular angle. Therefore, the impacts are exempt and compensatory mitigation is not proposed.

REGULATORY APPROVALS

The NCDOT respectfully requests that the referenced Section 404 Permit be modified to reflect the changes in jurisdictional impacts as outlined in this letter and presented in the attached drawings. The NCDOT is also requesting a modification to the 401 Water Quality Certification and Tar-Pamlico Buffer Authorization from the NCDWQ. In compliance with Section 143-215.3D(e) of the NCAC, we have provided a method of debiting \$475, as noted in the subject line of this application, as payment for processing the Section 401 permit modification application. We are providing five copies of this modification application to the NCDWQ for their review and approval. Additionally, NCDOT certifies that the proposed activity remains in compliance with the enforceable policies of North Carolina's approved management program and will be conducted in a manner consistent with such program. Please find the attached updated permit drawings.

If you have any questions or need additional information, please call Mr. Chris Underwood at (919) 715-1451.

Sincerely,



for

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

Cc:

W/attachment

Mr. John Hennessy, NCDWQ (5 Copies)
Mr. Travis Wilson, NCWRC
Ms. Kathy Matthews, USEPA
Mr. Ronald Mikulak, USEPA – Atlanta, GA
Mr. Clarence W. Coleman, P.E., FHWA
Mr. Gary Jordan, USFWS
Mr. Ron Sechler, NMFS
Mr. Michael Street, NCDMF
Mr. Steve Sollod, NCDCM
Dr. David Chang, P.E., Hydraulics
Mr. Greg Perfetti, P.E., Structure Design
Mr. Victor Barbour, P.E., Project Services Unit
Mr. Mark Staley, Roadside Environmental
Mr. C. E. Lassiter, P.E., Division 2
Mr. Jay Johnson, Division 2

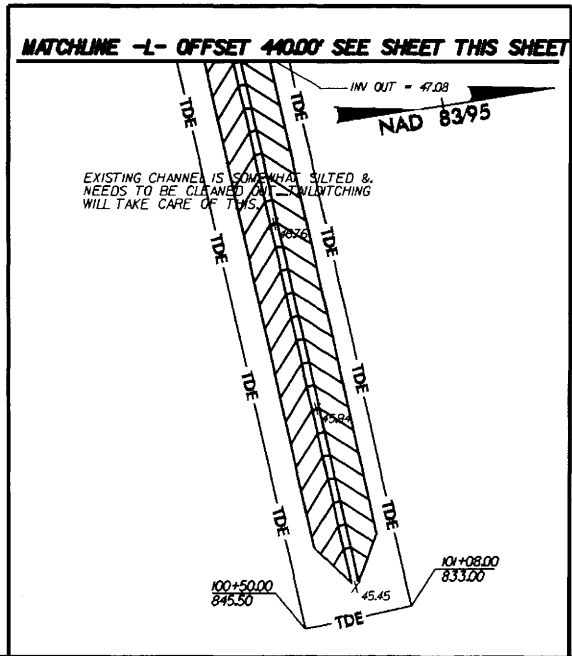
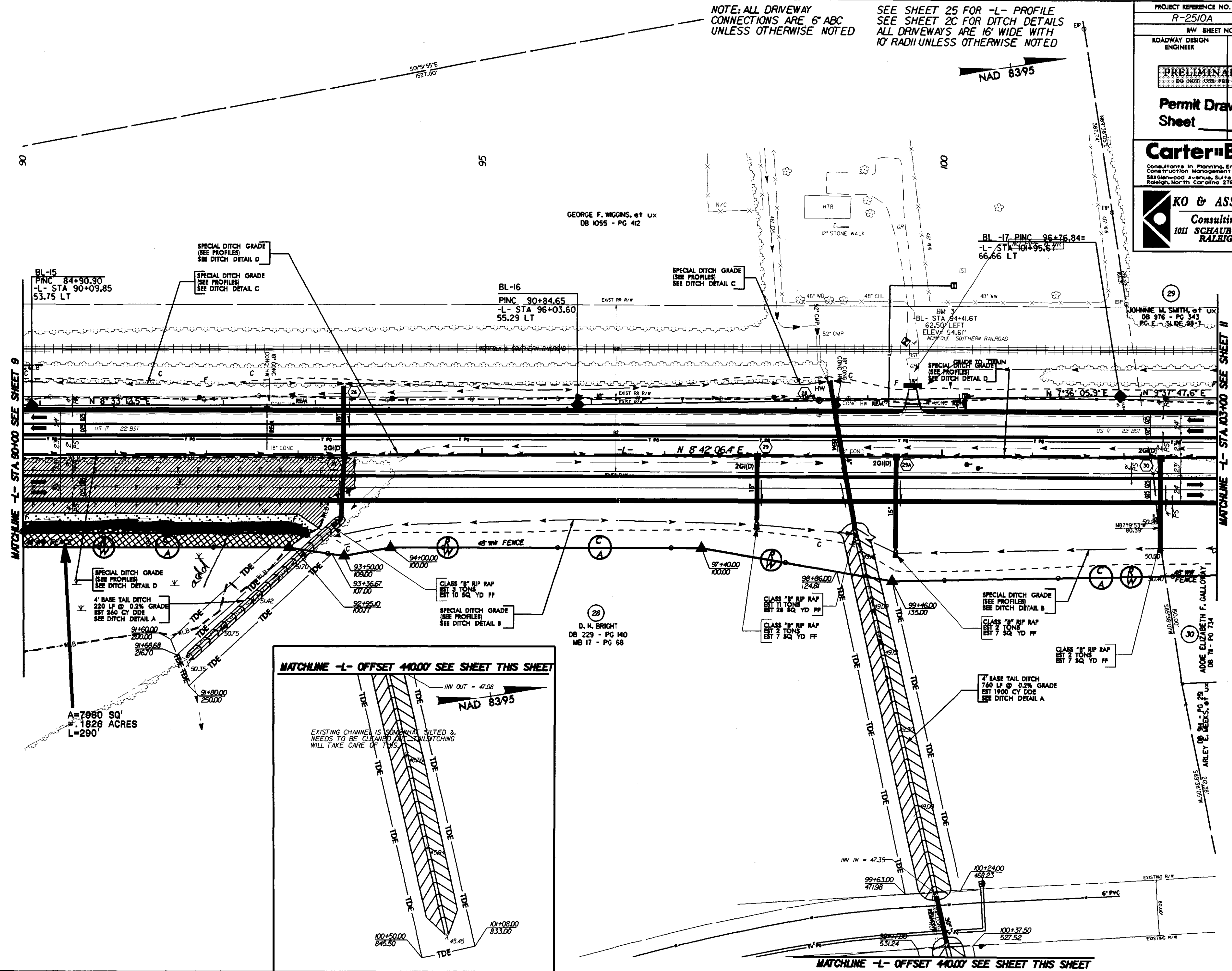
W/o attachment

Mr. Scott McLendon, USACE, Wilmington
Mr. Jay Bennett, P.E., Roadway Design
Mr. Majed Alghandour, P.E., Programming & TIP
Mr. Art McMillan, P.E., Highway Design
Mr. Brian Yamamoto, P.E., PDEA
Mr. Carl Goode, P.E., Human Environment

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6' ABC UNLESS OTHERWISE NOTED

SEE SHEET 25 FOR -L- PROFILE SEE SHEET 2C FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO. R-2510A	SHEET NO. 10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
Permit Drawing Sheet _____ of _____	
Carter Burgess Consultants in Planning, Engineering, Architecture, Construction Management and Related Services 588 Glenwood Avenue, Suite 300 Raleigh, North Carolina 27602	
KO & ASSOCIATES, P.C. Consulting Engineers 1011 SCHAUH DR., SUITE #202 RALEIGH, N.C. 27606	

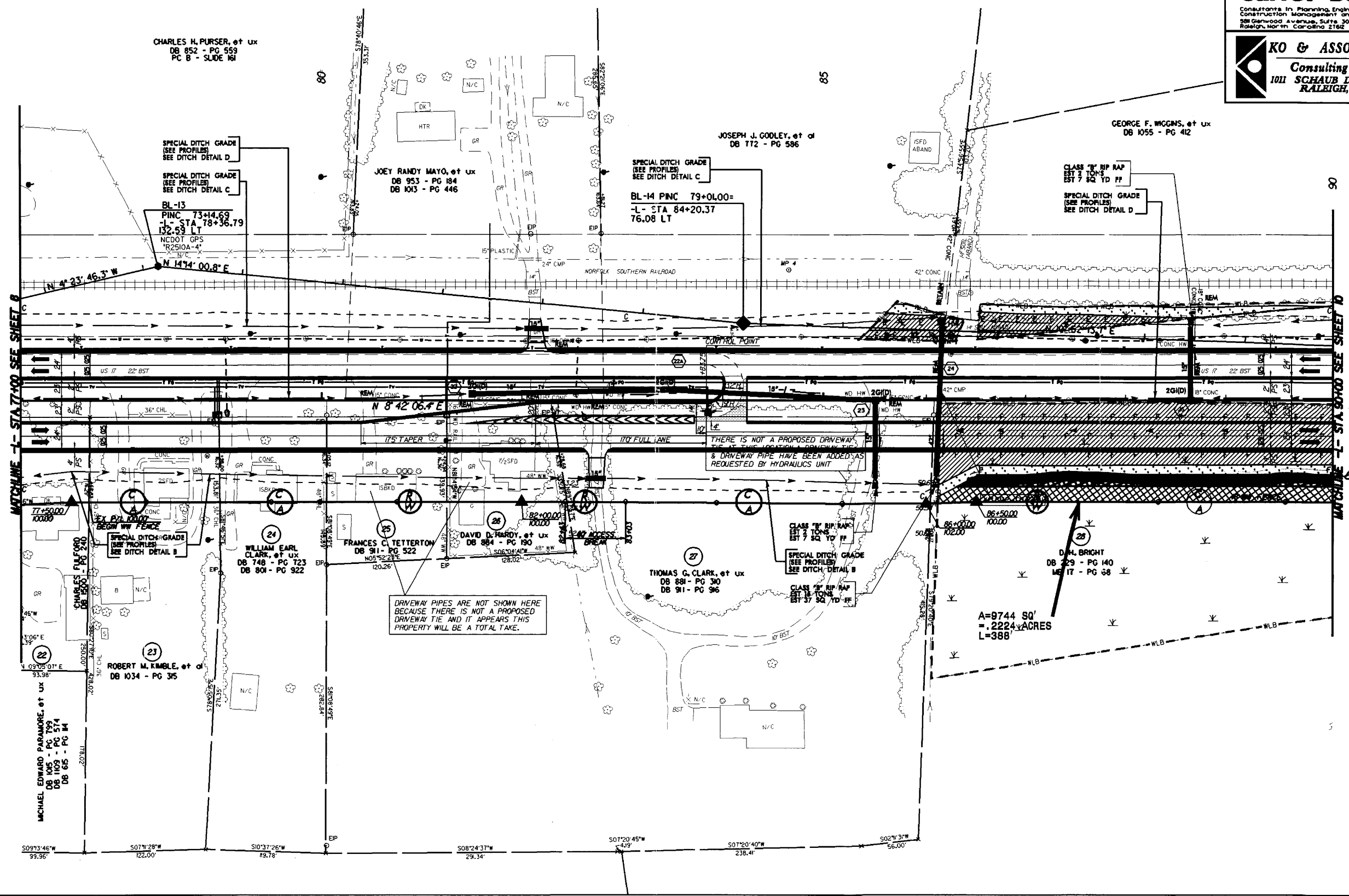
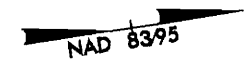


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NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 25 FOR -L- PROFILE SEE SHEET 2C FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADIUS UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO. R-2510A	SHEET NO. 9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>	
Permit Drawing Sheet _____ of _____	
Carter Burgess <small>Consultants in Planning, Engineering, Architecture, Construction Management and Related Services 338 Glenwood Avenue, Suite 300 Raleigh, North Carolina 27602</small>	
KO & ASSOCIATES, P.C. <small>Consulting Engineers 1011 SCHAUH DR., SUITE #202 RALEIGH, N.C. 27606</small>	



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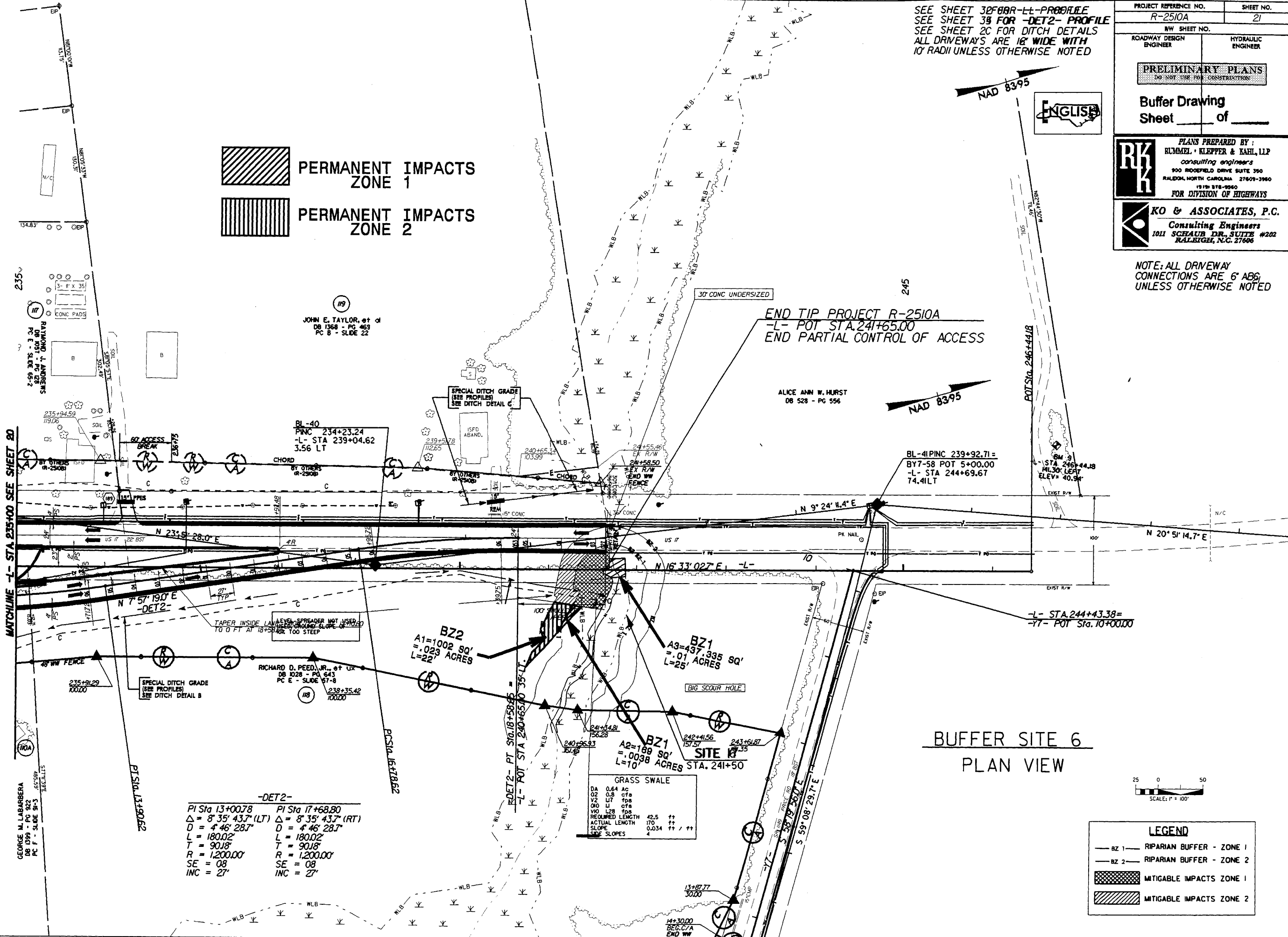
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 SEE SHEET 30 FOR -DET2- PROFILE
 SEE SHEET 2C FOR DITCH DETAILS
 ALL DRIVEWAYS ARE 10' WIDE WITH
 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO. R-2510A	SHEET NO. 21
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULIC ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
Buffer Drawing Sheet _____ of _____	

PLANS PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
 consulting engineers
 900 WOODFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 1515B 578-9540
 FOR DIVISION OF HIGHWAYS

KO & ASSOCIATES, P.C.
 Consulting Engineers
 1011 SCHAUB DR., SUITE #202
 RALEIGH, N.C. 27606

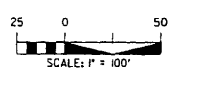
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6' ABG, UNLESS OTHERWISE NOTED



N REVISION 11-20-06 REVISED ACCESS BREAK ON PARCEL 19, REMOVED DRIVEWAY AT -L- STA. 240+40 +/- (PARCEL 19), REVISED PARCEL NUMBER FOR 10A, REVISED ROW ON PARCELS 17 & 19 TO SHOW IT AS EING PREVIOUSLY PURCHASED BY OTHERS (R-2510B), REVISED ROW & C/A ON PARCEL 18 TO SHOW ALL THAT WILL BE REQUIRED FOR PROJECT R-2510A & B.

MATCHLINE -L- STA 235+00 SEE SHEET 20

**BUFFER SITE 6
PLAN VIEW**



LEGEND

- BZ 1 — RIPARIAN BUFFER - ZONE 1
- BZ 2 — RIPARIAN BUFFER - ZONE 2
- [Cross-hatched box] MITIGABLE IMPACTS ZONE 1
- [Diagonal hatched box] MITIGABLE IMPACTS ZONE 2