



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

February 4, 2005

U.S. Army Corps of Engineers
Regulatory Field Office
151 Patton Avenue, Room 208
Asheville, NC 28801-5006

ATTN: Mr. Steve Lund
NCDOT Coordinator

Dear Sir:

Subject: **Addendum to Individual Permit Application and 401 Water Quality Certification Modification Request** for widening of NC 24/27 from east of Big Bear Creek to SR 1963 in Albemarle, Stanly County, State Project No. 6.689004T, TIP No. R-967CC, NCDOT Division 10, \$475 Debit WBS Element 34355.1.4.

Reference: Permit application dated June 25, 2004
Section 401 Water Quality Certification dated September 24, 2004 (WQC # 3477)

The North Carolina Department of Transportation (NCDOT) submitted a permit application for the subject project dated June 25, 2004 to the US Army Corps of Engineers and the NC Division of Water Quality. The NC Division of Water Quality issued a Water Quality Certification dated September 24, 2004. NCDOT has recently realized that there will be fewer surface water impacts at some sites and additional surface water impacts at one site.

Site 3 (Station 192+40 to 193+45 –L- lt. & rt.):

The intersection alignment at this site was revised. The alignment was shifted back to the existing location (the intersection had been realigned for fire station that is no longer there, therefore the intersection was moved back to where it is now). The permanent surface water impacts that were given for this site in the original application were 391 ft. The current permanent surface water impacts are 328 ft. **This accounts for a decrease of 63 ft of permanent surface water impacts.**

Site 4 (Station 194+50 to 194+80 –L- lt.):

More area was needed for dewatering activities at this site. No temporary surface water impacts were given for this site in the original application. The current temporary surface water impacts are 0.02 ac. The permanent surface water impacts that were given for this site in the original

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

TELEPHONE: 919-715-1500
FAX: 919-715-1501
WEBSITE: WWW.NCDOT.ORG

LOCATION:
2728 CAPITAL BLVD.
PARKER LINCOLN BUILDING, SUITE 168
RALEIGH NC 27604

application were 211 ft. The current permanent surface water impacts are 206 ft. **This accounts for an increase of 0.02 ac of temporary surface water impacts and a decrease of 5 ft of permanent surface water impacts.**

Site 5 (Station 200+10 to 200+60 –L- lt. & rt.):

More area was needed for dewatering activities at this site. No temporary surface water impacts were given for this site in the original application. The current temporary surface water impacts are 0.01 ac. The permanent surface water impacts that were given for this site in the original application were 162 ft. The current permanent surface water impacts are 161 ft. **This accounts for an increase of 0.01 ac of temporary surface water impacts and a decrease of 1 ft of permanent surface water impacts.**

Site 8 (Station 234+60 to 234+70 –L- rt.):

More area was needed for dewatering activities at this site. No temporary surface water impacts were given for this site in the original application. The current temporary surface water impacts are 0.01 ac. The permanent surface water impacts that were given for this site in the original application were 133 ft. The current permanent surface water impacts are 134 ft. **This accounts for an increase of 0.01 ac of temporary surface water impacts and an increase of 1 ft of permanent surface water impacts.**

These revisions account for an increase of 0.04 ac of temporary surface water impacts and a decrease of 68 ft of permanent surface water impacts.

Please find enclosed revised permit drawings for the sites mentioned above. No additional mitigation is proposed and the Ecosystem Enhancement Program will be notified of the current impact numbers.

NCDOT requests that the information in this letter be included with the permit application dated June 25, 2004. NCDOT also requests that the referenced 401 Water Quality Certification be modified to reflect the revisions outlined in this letter. In compliance with Section 143-215.3D(e) of the NCAC we will provide \$475 to act as payment for processing the Section 401 permit modification application previously noted in this application (see Subject line). We are providing seven copies of this application to the North Carolina Department of Environment and Natural Resources, Division of Water Quality, for their review.

If you have any questions or need additional information please call Matt Haney at (919) 715-1428.

Sincerely,



Gregory J. Thorpe, Ph.D.
Environmental Management Director, PDEA

Cc: Mr. David Franklin, USACE, Wilmington (cover letter only)
Mr. John Hennessy, NCDWQ (7 copies)
Ms. Marla Chambers, NCWRC
Ms. Becky Fox, USEPA
Ms. Marella Buncick, USFWS
Mr. Jay Bennett, P.E., Roadway Design
Mr. Omar Sultan, Programming and TIP
Mr. Art McMillan, P.E., Highway Design
Dr. David Chang, P.E., Hydraulics
Mr. Greg Perfetti, P.E., Structure Design
Mr. Mark Staley, Roadside Environmental
Mr. B.G. Payne, P.E., Division 10 Engineer
Mr. Larry Thompson, Division 10 DEO

**APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT
(33 CFR 325)**

**OMB APPROVAL NO. 0710-003
Expires December 31, 2004**

Public reporting burden for this collection of information is estimated to average 10 hours per response, although the majority of applications should require 5 hours or less. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service Directorate of Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302; and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003), Washington, DC 20503. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please **DO NOT RETURN** your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authority: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research and Sanctuaries Act, 33 USC 1413, Section 103. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETED
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME North Carolina Department of Transportation Project Development & Environmental Analysis	8. AUTHORIZED AGENT'S NAME AND TITLE (an agent is not required)
6. APPLICANT'S ADDRESS 1548 Mail Service Center Raleigh, NC 27699-1548	9. AGENT'S ADDRESS
7. APPLICANT'S PHONE NOS. W/AREA CODE a. Residence b. Business 919-733-3141	10. AGENT'S PHONE NOS. W/AREA CODE a. Residence b. Business

11. STATEMENT OF AUTHORIZATION

I hereby authorize, _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

APPLICANT'S SIGNATURE

DATE

NAME, LOCATION, AND DESCRIPTION OR PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions) NC 24/27 widening from east of Big Bear Creek to SR 1963 (Oakboro Rd/Saint Martin Rd)	
13. NAME OF WATERBODY, IF KNOWN (if applicable) Little Bear Creek, Scaly Bark Creek	14. PROJECT STREET ADDRESS (if applicable)
15. LOCATION OF PROJECT Stanly COUNTY NC STATE	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) Section, Township, Range, Lat/Lon, and/or Accessors's Parcel Number, for example. See cover letter	
17. DIRECTIONS TO THE SITE See vicinity map associated with permit drawings	

18. Nature of Activity (Description of project, include all features)

Widening of NC 24/27, an existing two-lane facility, to a multi-lane facility from east of Big Bear Creek to SR 1963 (Oakboro Rd/Saint Martin Rd) in Stanly County. The project is 5.6 mi in length. A four-lane facility with a 46 ft median is proposed. The proposed right of way width for the project is 200 ft.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The proposed project will relieve congestion by increasing the safety and traffic capacity of this section of NC 24/27.

USE BLOCKS 20-22 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Roadway fill, pipe/culvert construction

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards

Roadway fill

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Wetland impact: 0.14 ac non-isolated, 0.04 ac isolated

Stream impact: 1204 ft

0.22 ac fill in surface waters

Stream impact needing mitigation: 1204 ft

23. Is Any Portion of the Work Already Complete? Yes ___ No x IF YES, DESCRIBE THE COMPLETED WORK

24. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (If more than can be entered here, please attach a supplemental list).

See listing of property owners associated with permit drawings

25. List of Other Certifications or Approvals/Denials Received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
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* Would include but is not restricted to zoning, building, and flood plain permits

26. Application is hereby made for a permit or permits to authorize the work described in this application. I certify that the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

DATE

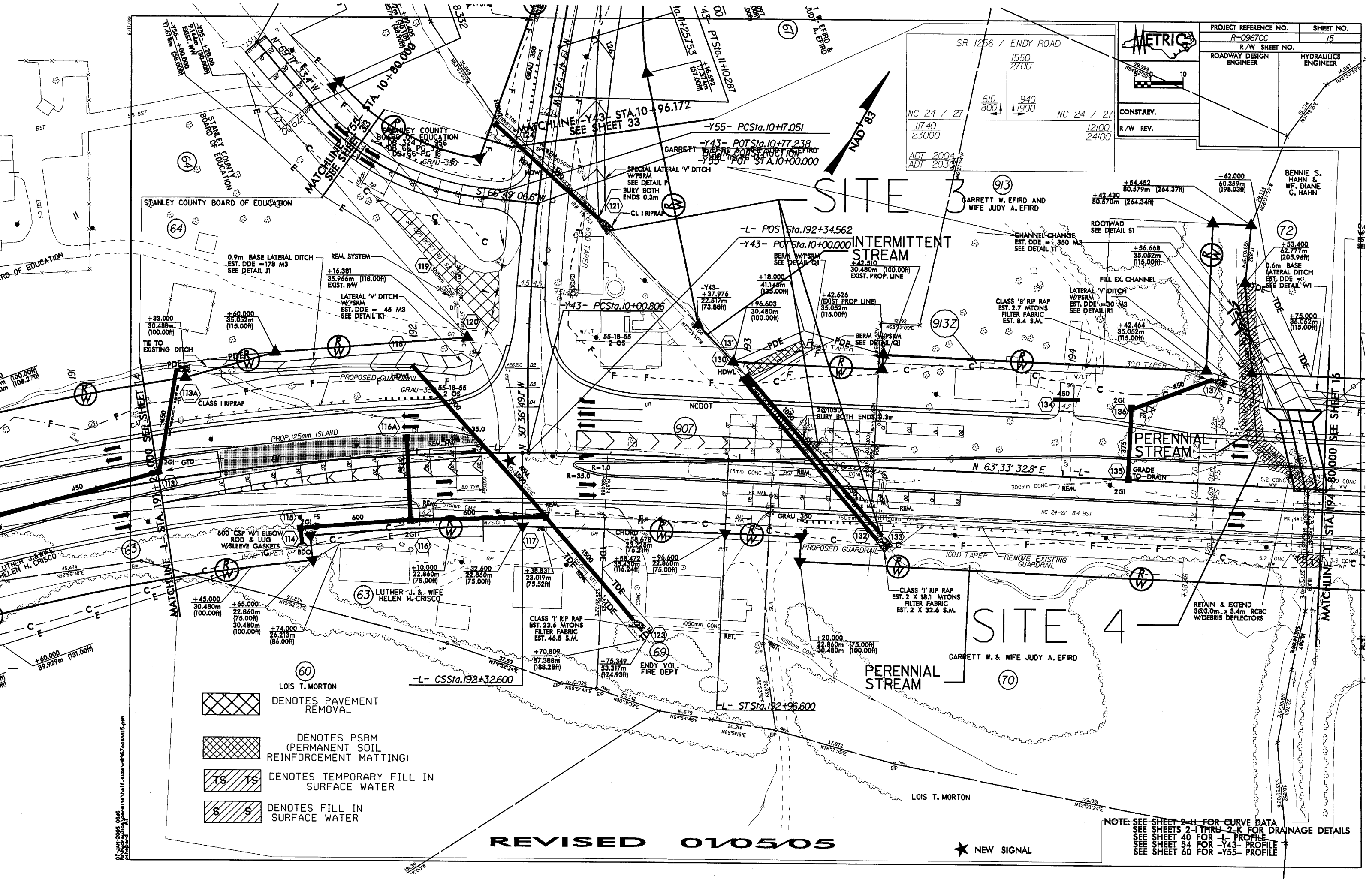
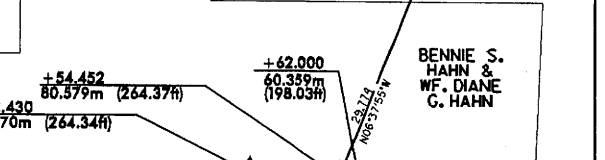
SIGNATURE OF AGENT





DATE

The application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

PROJECT REFERENCE NO. R-0967CC		SHEET NO. 15	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
CONST. REV.		R/W REV.	



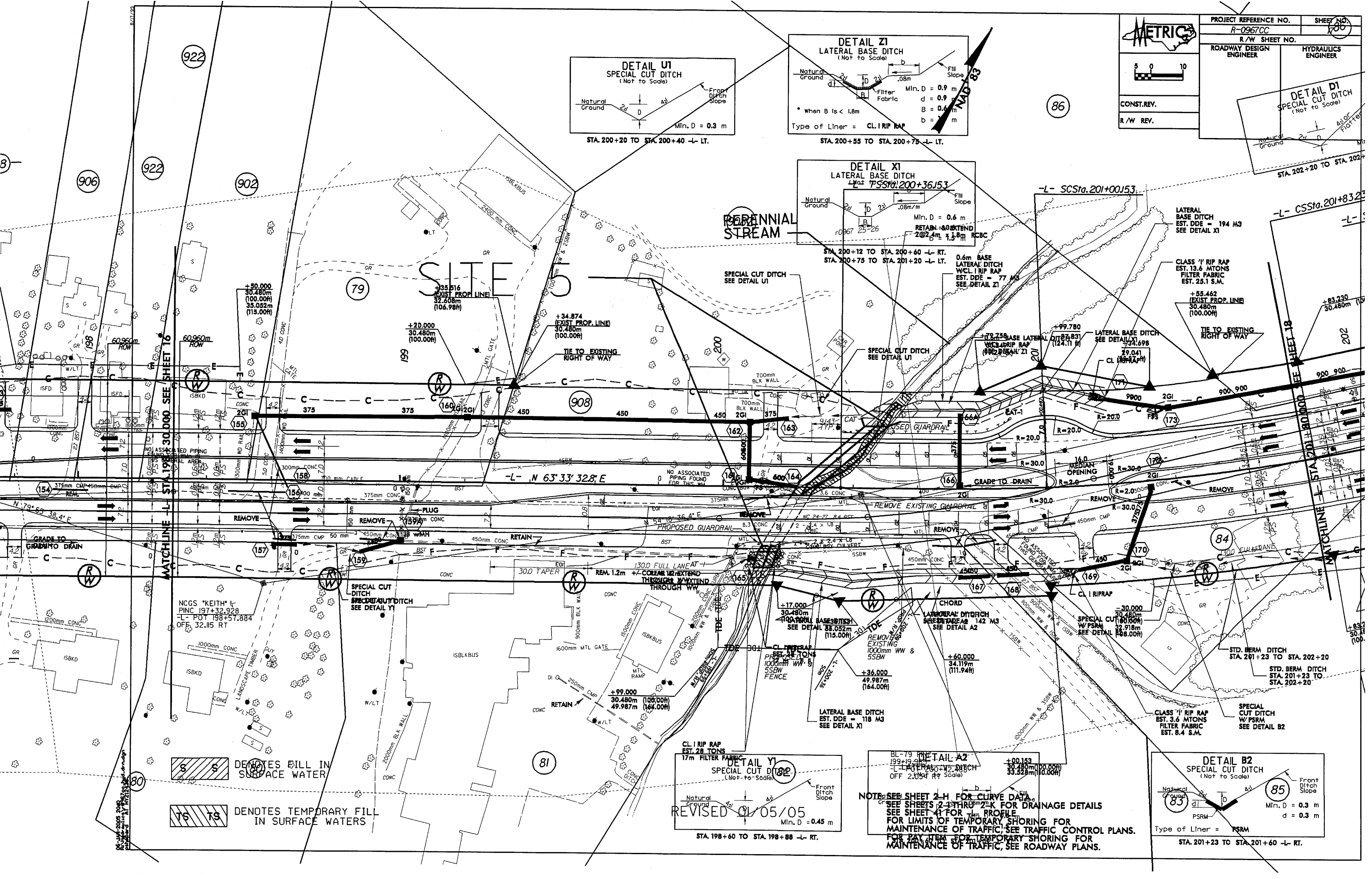
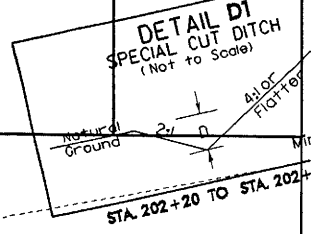
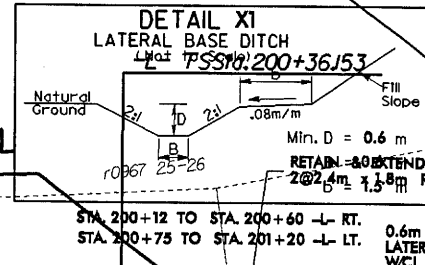
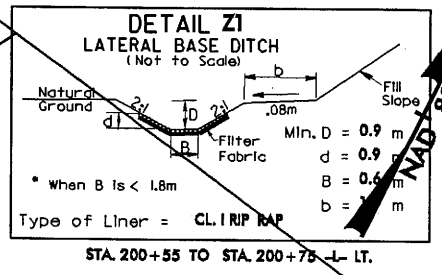
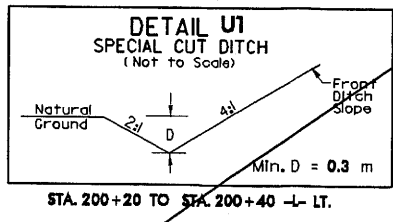
-  DENOTES PAVEMENT REMOVAL
-  DENOTES PSRM (PERMANENT SOIL REINFORCEMENT MATTING)
-  DENOTES TEMPORARY FILL IN SURFACE WATER
-  DENOTES FILL IN SURFACE WATER

REVISED 010505

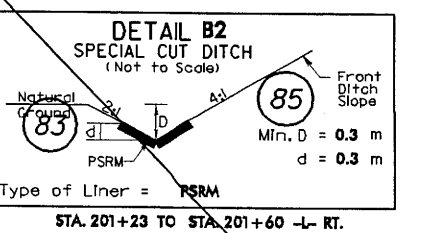
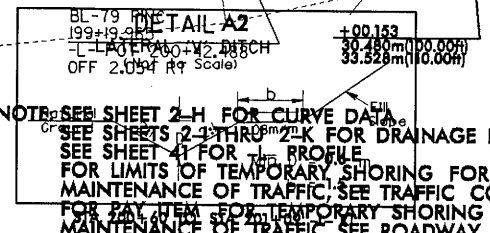
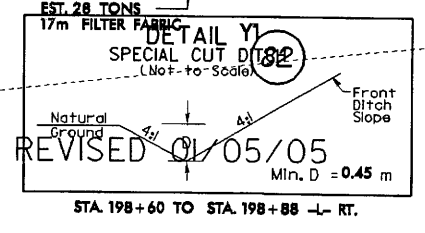
★ NEW SIGNAL

NOTE: SEE SHEET 2-H FOR CURVE DATA
 SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
 SEE SHEET 40 FOR -L- PROFILE
 SEE SHEET 54 FOR -Y43- PROFILE
 SEE SHEET 60 FOR -Y55- PROFILE

8/1/2005 06:06
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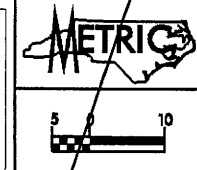
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NOTE: SEE SHEET 2-H FOR CURVE DATA.
 SEE SHEETS 2-1 THROUGH 2-2 FOR DRAINAGE DETAILS.
 SEE SHEET 4 FOR TIE PROFILE.
 FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.
 FOR PAY ITEM FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE ROADWAY PLANS.

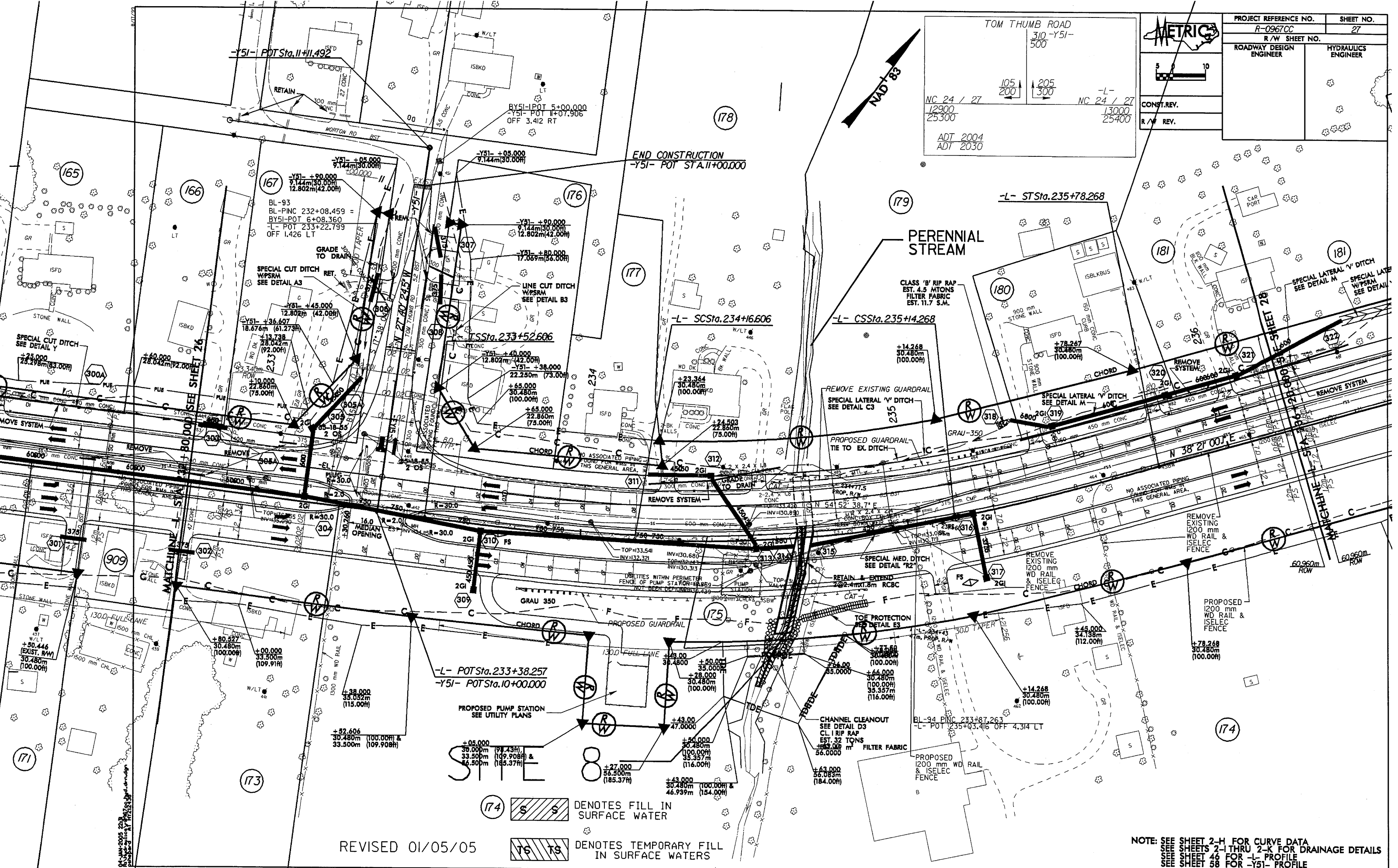
STA. 198+60 TO STA. 198+88 -L- RT.

STA. 201+23 TO STA. 201+60 -L- RT.

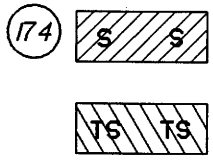


PROJECT REFERENCE NO. R-0967CC	SHEET NO. 27
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST. REV.	
R/W REV.	

TOM THUMB ROAD 310 -Y51- 500	
105 200	205 300
NC 24 / 27 12900 25300	-L- NC 24 / 27 13000 25400
ADT 2004 ADT 2030	



REVISED 01/05/05



NOTE: SEE SHEET 2-H FOR CURVE DATA
 SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
 SEE SHEET 46 FOR -L- PROFILE
 SEE SHEET 58 FOR -Y51- PROFILE

WETLAND PERMIT IMPACT SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS				SURFACE WATER IMPACTS							
			Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation In Wetlands (ac)	Mechanized Clearing (Method III) (ac)	Fill In SW (Natural) (ac)	Fill In SW (Pond) (ac)	Temp. Fill In SW (ac)	Existing Channel Impacted (ft)	Natural Stream Design (ft)			
1	172+00 to 172+70 -L- Rt.	Lateral Encroachment (Roadway Cut and Fill)	0.04		0.04									
2	184+00 to 184+20 -L- Rt.	Lateral Encroachment (Roadway Fill)	0.04											
3	192+40 to 193+45 -L- Lt & Rt	1 @ 1350 mm RCP and 2 @ 1050 mm RCP					0.025 -						328 -	
4	194+50 to 194+80 -L- Lt.	Channel Change and 3 @ 3.0m x 3.4m RCBC					0.09			0.02 -			206 -	
5	200+10 to 200+60 -L- Lt & Rt	Extension of 2 @ 2.4m x 1.8m RCBC					0.042 -			0.01 -			161 -	
6	222+88 -L- Lt.	Extension of 1350 mm RCP					0.002						28	
7	228+30 to 228+60 -L- Rt & Lt	1 @ 900 mm RCP and 1 @ 1350 mm RCP					0.02						155	
8	234+60 to 234+70 -L- Rt.	Extension of 2 @ 2.4m x 1.8m RCBC					0.02			0.007 -			134 -	
9	240+95 to 242+20 -L-TRAN Rt-	Lateral Encroachment (Roadway Fill)	0.03				0.03						192	
TOTALS:			0.11	0	0.04	0.03	0.219	0	0.037	1204	0			0

English Equivalence for All Impacts

NCDOT

DIVISION OF HIGHWAYS
STANLY COUNTY
PROJECT 6.689004T (R-0967CC)

NC 24/27 FROM EAST OF BIG BEAR CREEK TO SR 1963 IN ALBEMARLE

REV. 01/05/05
6/6/2003

SHEET 3B OF 5