



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 29, 2004

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

ATTN: Steve Lund
NCDOT Coordinator

Subject: **Nationwide Permit 14 Modification Application** for the Replacement of Bridge No. 14 over I-85/US29 on NC161 in Cleveland County. TIP No. B-3437, State Project No. 8.1801202, Federal Aid Project No. IMF-85-1(93)8. WSB Element 335604.1.1.

Dear Mr. Lund:

On 18 November 2003 the United States Army Corps of Engineers (USACE) issued a Nationwide 14 Permit (AID 200430140) for the above referenced project. This project is currently under construction. The North Carolina Department of Transportation (NCDOT) proposes to modify the construction plans for the subject project. NCDOT is proposing modifications to Site 5 (See attached drawings). The purpose of this letter is to request modifications to the original permit. The revised sheets of the original permit drawings are attached.

Site 5 at station -Y2-425+70 has proposed changes to Crowders Creek. The revised design is needed to provide erosion control, streambed stabilization, and stop headcutting. NCDOT proposes the following changes to Crowders Creek and the headwall at the downstream end of the channel (South):

- Placing Class II riprap into 100' of streambed to prevent erosion and headcutting.
- Extend and enlarge the southern headwall to keep it in place.

These proposed actions will serve to stabilize the stream, slow down the velocity of water, and prevent erosion.

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

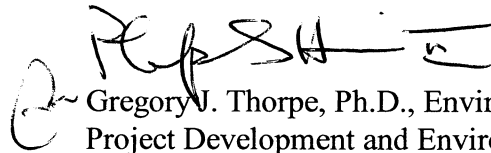
WEBSITE: WWW.NCDOT.ORG

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

The proposed action will add 100 feet of impacts to this stream for a total of 248.5 feet. The North Carolina Ecosystem Enhancement Program (EEP) is providing mitigation for this project. Please see attached letter dated October 19, 2004.

If you have any questions, please contact Mr. Chris Underwood at (919) 715-1451.

Sincerely,




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

W/attachment

Mr. John Hennessy, Division of Water Quality (7 copies)
Ms. Marella Buncick, USFWS
Ms. Marla Chambers, NCWRC
Mr. David Chang, P.E., Hydraulics
Mr. Greg Perfetti, P.E., Structure Design
Mr. M.L. Holder, P.E., Division Engineer
Ms. Trish Simon, DEO

W/o attachment

Mr. Jay Bennett, P.E., Roadway Design
Mr. Omar Sultan, Programming and TIP
Mr. Art McMillan, P.E., Highway Design
Mr. Mark Staley, Roadside Environmental
Mr. David Franklin, USACE, Wilmington (Cover Letter only)
Ms. Beth Harmon, EEP
Mr. Jay McInnis, P.E., PDEA



**Ecosystem
Enhancement**
PROGRAM
October 19, 2004

Mr. Gregory J. Thorpe, Ph.D.
Environmental Management Director
Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, NC 27699-1548

Dear Dr. Thorpe:

Subject: EEP Mitigation Acceptance Letter:

B-3437, Bridge 14 over I-85/US 29 on NC 161, Cleveland County

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide compensation for the subject project. Based on the information supplied by you in a letter dated October 4, 2004, the subject project was let to construction in June 2003 with no wetland or stream impacts identified. Since that time, the NCDOT was made aware that the project would impact jurisdictional stream. The impacts are located in CU 03050101 of the Catawba River Basin in the Southern Piedmont Eco-Region, and are as follows:

Stream Impacts: 248.5 feet

The subject project is not listed in Exhibit 2 of the Memorandum of Agreement among the North Carolina Department of Environment and Natural Resources, the North Carolina Department of Transportation, and the U. S. Army Corps of Engineers, Wilmington District dated July 22, 2003. However, the EEP has agreed to provide compensatory stream mitigation for the subject project in accordance with Section X of this agreement.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-715-1929.

Sincerely,



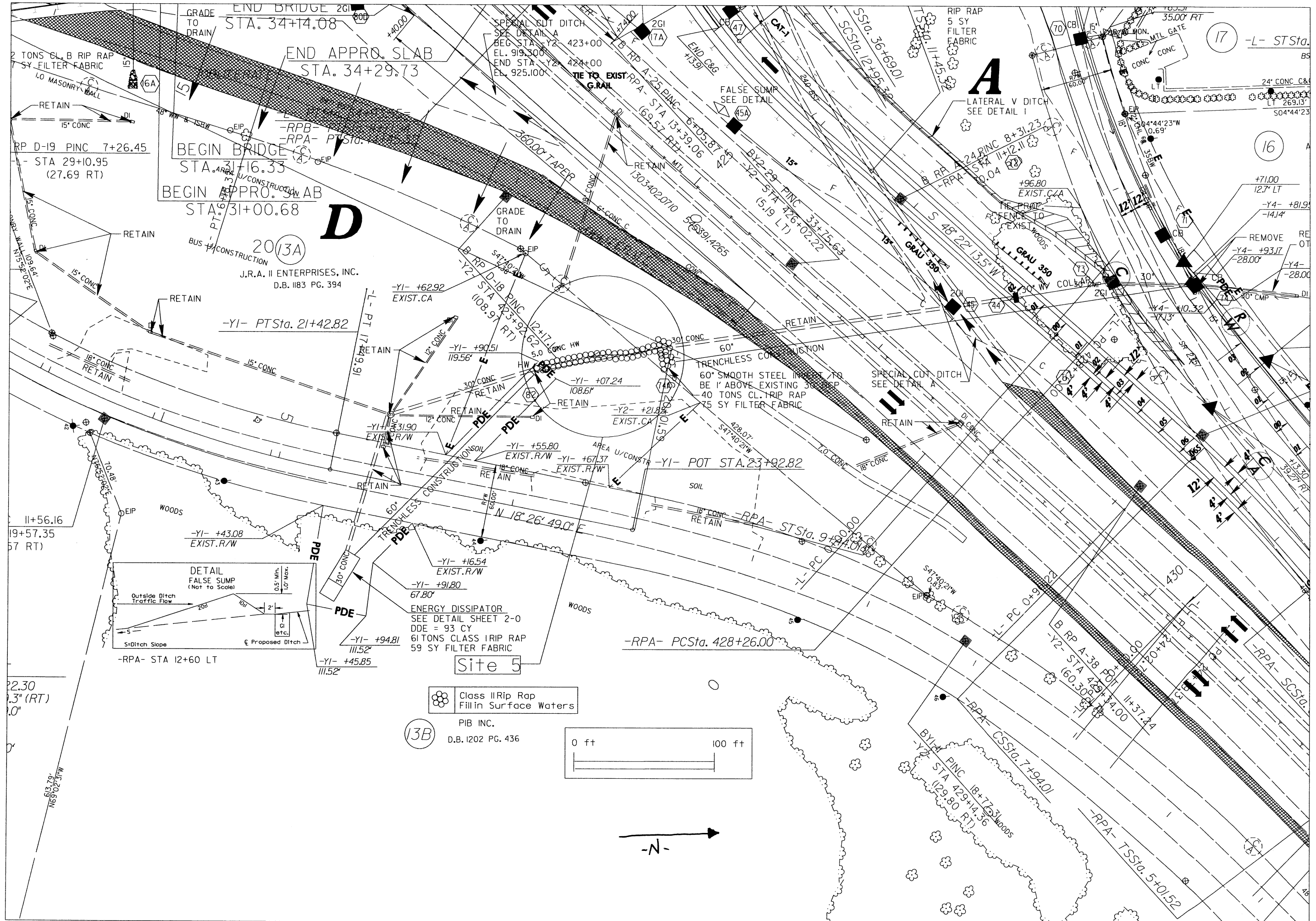
William D. Gilmore, P.E.
Transition Manager

cc: Steve Lund, USACE-Asheville
John Hennessy, Division of Water Quality, Wetlands/401 Unit
File: B-3437

Restoring... Enhancing... Protecting Our State



Site 5 revised

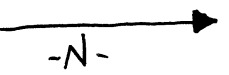
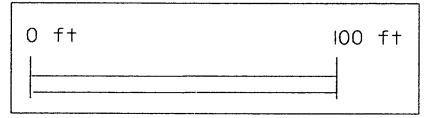


D
 20(13A)
 J.R.A. II ENTERPRISES, INC.
 D.B. 1183 PG. 394

Site 5

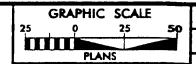
Class II Rip Rap
 Fill in Surface Waters

(13B)
 PIB INC.
 D.B. 1202 PG. 436



7/2/99

REVISIONS

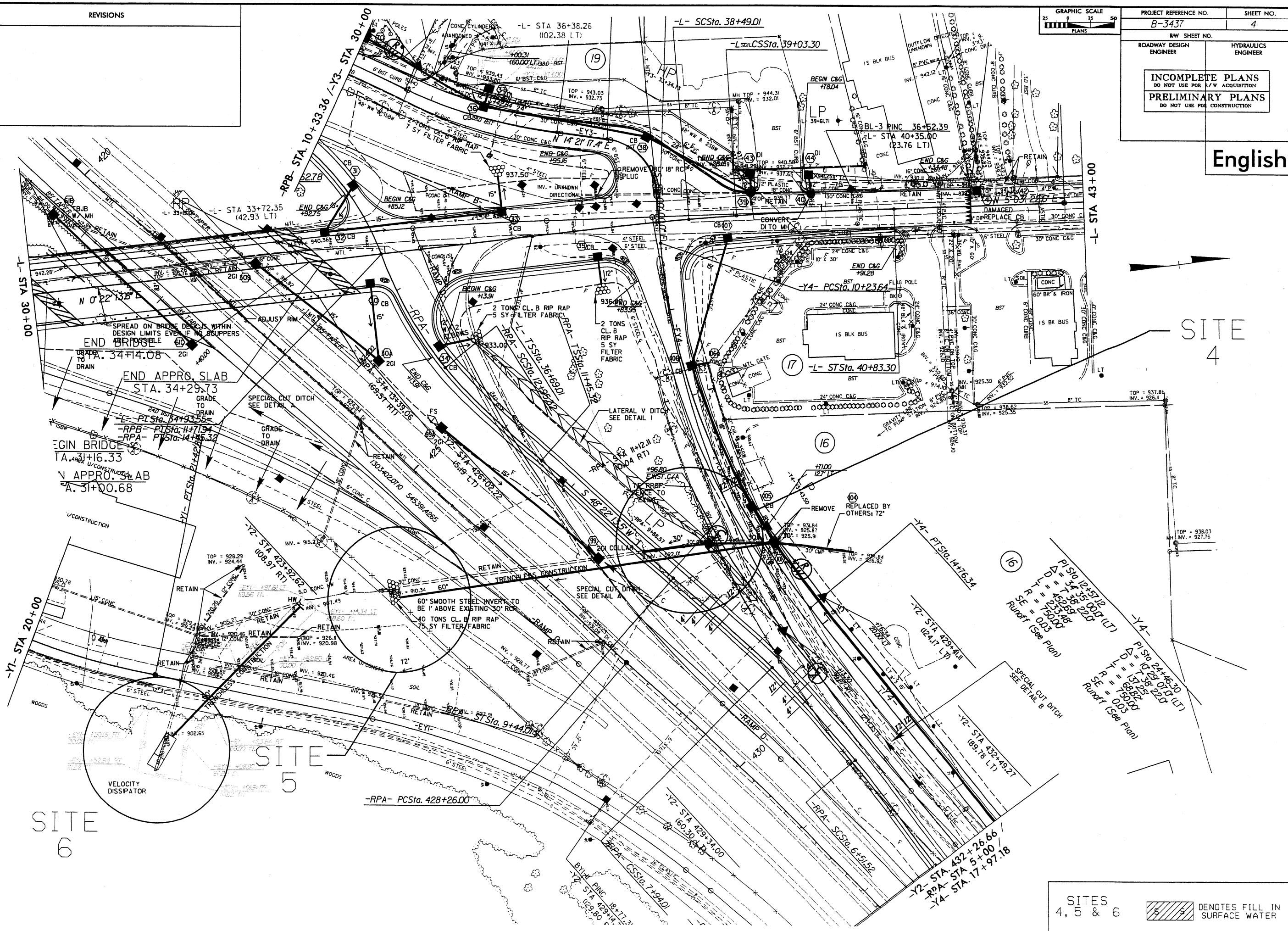


PROJECT REFERENCE NO. B-3437 SHEET NO. 4

R/W SHEET NO. ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION

English



Site 5 original

SITE 6

SITE 5

SITE 4

SITES 4, 5 & 6 DENOTES FILL IN SURFACE WATER

09/30/2003 J:\COMNDS\300077\H01\DN\permt2.dgn