



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

June 29, 2010

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

ATTN: Ms. Sarah Hair
NCDOT Coordinator

Subject: **Corrections to the Application for Section 404 Nationwide Permits 13, 23, 33 and Section 401 Water Quality Certification** for the proposed replacement of Bridge No. 127 over Pinch Gut Creek on SR 1880 (St. James Church Road) in Catawba County, Federal Aid Project No. BRZ-1880(1); Division 12; TIP No. B-4062, \$240.00 debit WBS 33426.1.1

Reference: NCDOT permit application dated April 15, 2010

Dear Madam:

After the permit application was submitted, it was discovered that there were differences in the details between the permit drawings and roadway drawings. The differences in the details were in the size of rip rap that would be used and the use of coir fiber matting and filter fabric in some areas. Please see the attached revised Sheet 4 of the Roadway drawings and permit drawings (Sheet 6 of 7 and Sheet 7 of 7) to replace the previously submitted drawings. Listed below are the changes that occurred to the two sets of drawings:

- Detail "D" was added to the roadway drawings.
- The size of riprap used in Detail "D" has been changed to Class I on the permit drawings.
- Detail of culvert (upstream and downstream)
 - Size of riprap has been changed to Class II on roadway drawings to match permit drawings.
 - Use of coir fiber matting at inlet and outlet of culvert has been added to roadway drawings to match what is shown on permit drawings.

It can be noted that rip rap placed outside of the installed culvert will be used to form floodplain benches.

With the above mentioned changes to the roadway drawings and permit drawings, all drawings are now consistent. There are no new or additional impacts due to these changes. Please replace the incorrect drawings with the corrected drawings attached with this letter. If you have any questions or need additional information, please call Jason Dilday at (919) 431-6693.

Sincerely,



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

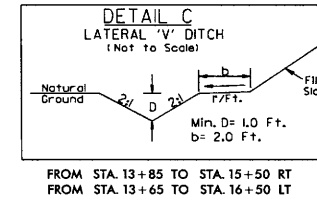
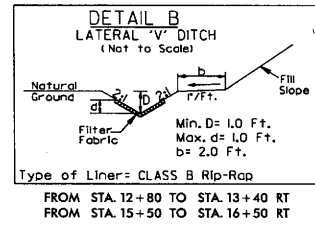
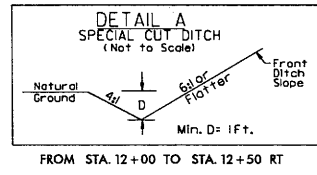
W/attachment

Mr. Brian Wrenn, NCDWQ (5 Copies)
Ms. Marella Buncick, USFWS
Ms. Marla Chambers, NCWRC

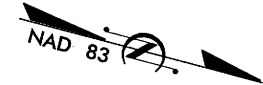
W/o attachment (see website for attachments)

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. M.L. Holder, P.E. (Div. 12), Division Engineer
Ms. Trish Simon (Div. 12), DEO
Mr. Jay Bennett, P.E., Roadway Design
Mr. Majed Alghandour, P. E., Programming and TIP
Mr. Art McMillan, P.E., Highway Design
Mr. Scott McLendon, USACE, Wilmington
Ms. Beth Harmon, EEP
Mr. Phillip Ayscue, NCDOT External Audit Branch
Ms. Christie Huff, P.E., PDEA Project Planning Engineer

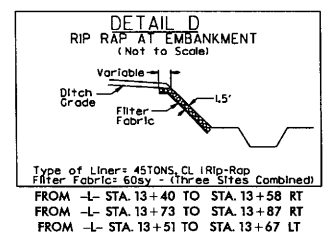
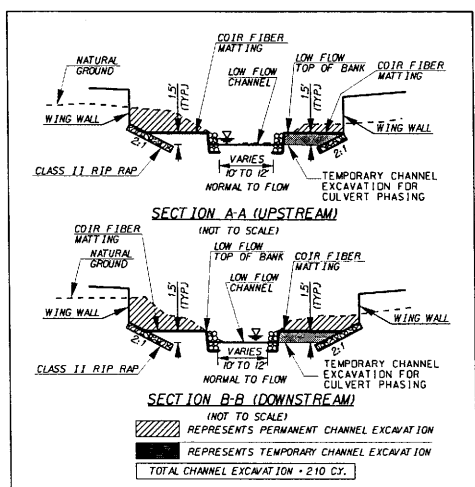
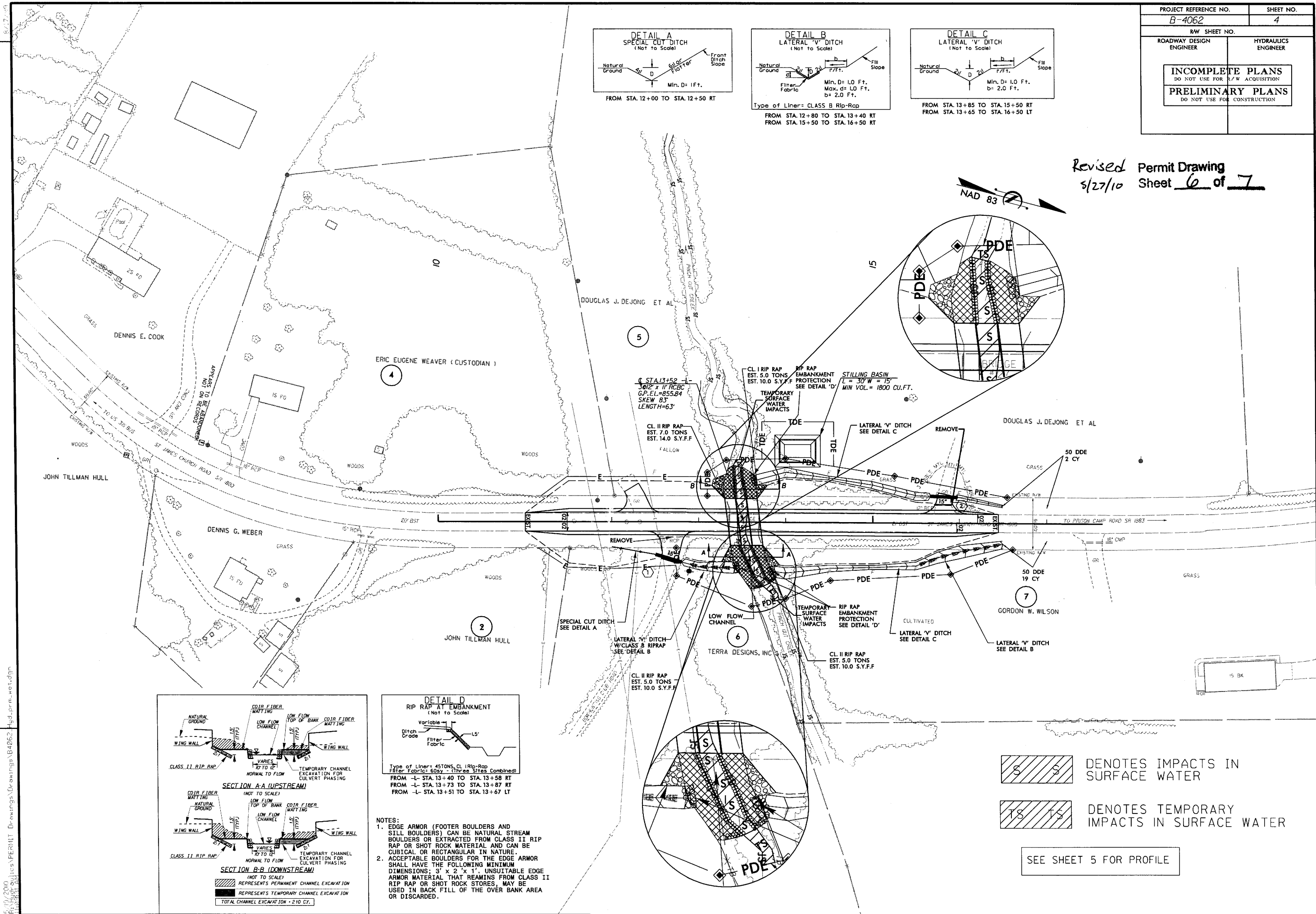
PROJECT REFERENCE NO. B-4062		SHEET NO. 4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION			



Revised Permit Drawing
5/27/10 Sheet 6 of 7



REVISIONS



NOTES:
1. EDGE ARMOR (FOOTER BOULDERS AND SILL BOULDERS) CAN BE NATURAL STREAM BOULDERS OR EXTRACTED FROM CLASS II RIP RAP OR SHOT ROCK MATERIAL AND CAN BE CUBICAL OR RECTANGULAR IN NATURE.
2. ACCEPTABLE BOULDERS FOR THE EDGE ARMOR SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: 3' x 2' x 1'. UNSUITABLE EDGE ARMOR MATERIAL THAT REMAINS FROM CLASS II RIP RAP OR SHOT ROCK STORES, MAY BE USED IN BACK FILL OF THE OVER BANK AREA OR DISCARDED.

DENOTES IMPACTS IN SURFACE WATER

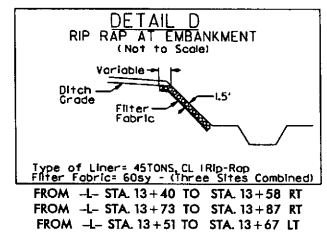
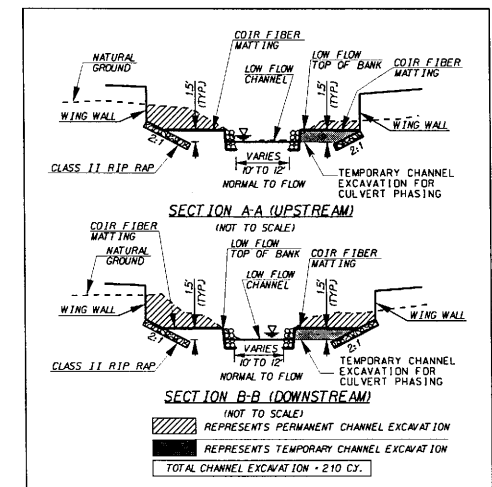
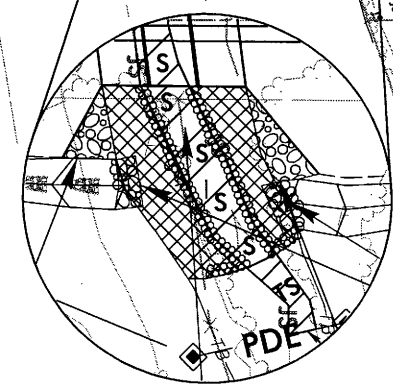
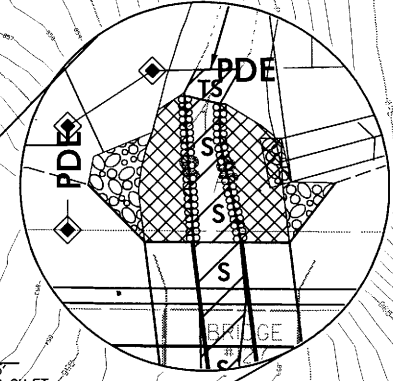
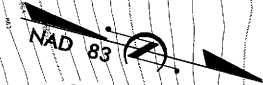
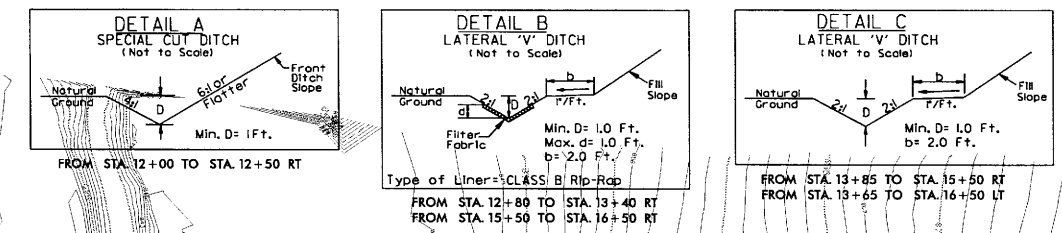
DENOTES TEMPORARY IMPACTS IN SURFACE WATER

SEE SHEET 5 FOR PROFILE

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PROJECT REFERENCE NO. B-4062	SHEET NO. 4
RW SHEET NO.	
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INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

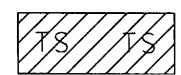
Revised Permit Drawing
5/27/10 Sheet 7 of 7



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DENOTES IMPACTS IN SURFACE WATER



DENOTES TEMPORARY IMPACTS IN SURFACE WATER

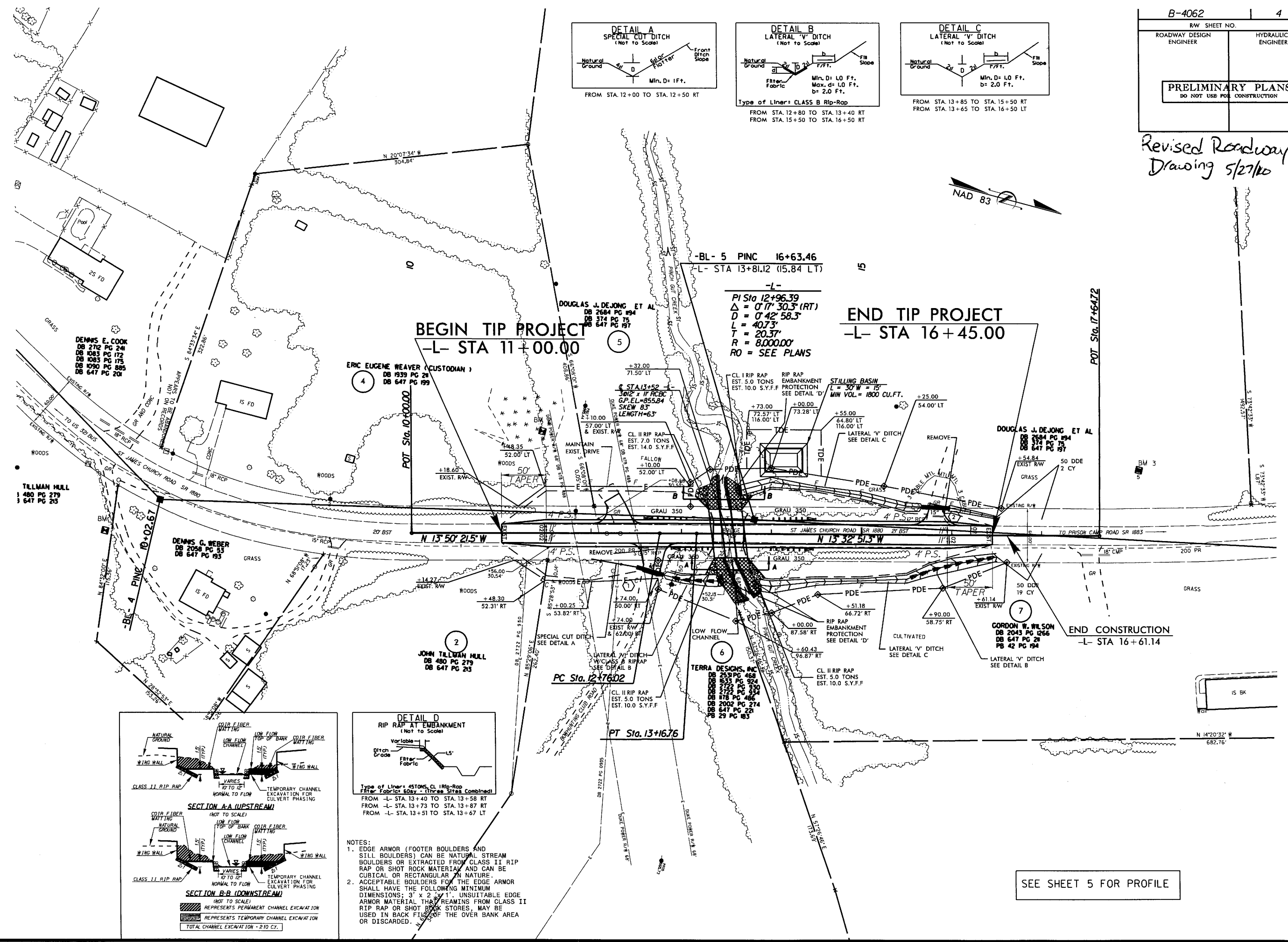
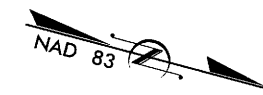
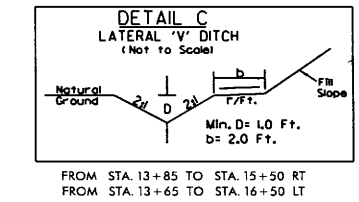
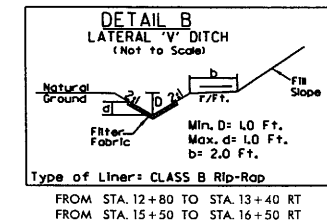
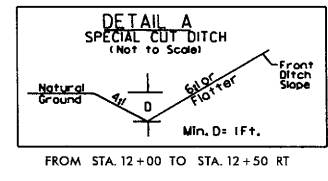
SEE SHEET 5 FOR PROFILE

REVISIONS

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RW SHEET NO.	
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PRELIMINARY PLANS	
DO NOT USE FOR CONSTRUCTION	

Revised Roadway Drawing 5/27/10



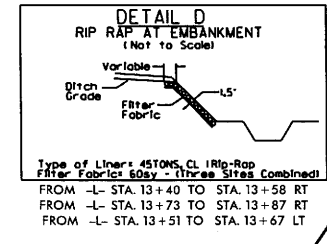
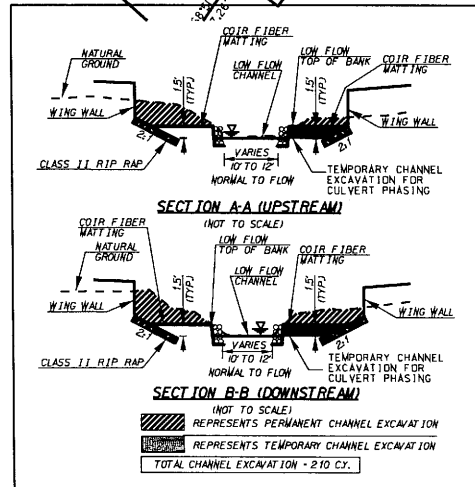
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 $D = 0' 42' 58.3''$
 $L = 40.73'$
 $T = 20.37'$
 $R = 8,000.00'$
 $RO = \text{SEE PLANS}$



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SEE SHEET 5 FOR PROFILE

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