



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

August 26, 2008

North Carolina Division of Water Quality
Transportation Permitting Unit
1650 Mail Service Center
Raleigh, NC 27699-1650

ATTENTION: Mr. Rob Ridings
NCDOT Coordinator

Dear Sir:

Subject: Notification of design change for the replacement of Bridge 311 over Lake Wheeler on SR 1379 (Penny Rd.), Wake County, Division 5, WBS 33351.1.1, Federal Aid Project No. BRZ-1379 (1), State Project No. 8.2408101, T.I.P. No. B-3917.

Reference: NCDOT Nationwide Permit 23 and 33, Neuse Riparian Buffer Authorization, and 401 Certification Application dated April 23, 2007
USACE Nationwide Permit 23 and 33 dated June 5, 2007 (Action ID 200120077).
NCDWQ Neuse Buffer Authorization and Water Quality Certification dated May 30, 2007 (Project No. 20060208).

On July 8, 2008 North Carolina Division of Water Quality (NCDWQ) representative Rob Ridings met with North Carolina Department of Transportation (NCDOT) representatives Dan Duffield and Erica McLamb to discuss the ponding of water east of Site 5 (Design Plan Sheet 5, Buffer Permit Drawing Sheet 9 of 10). During this meeting it was determined that the water was not draining because a roadside ditch had been covered during the construction. Dan Duffield proposed reestablishing the ditch in its previous location to allow the water to drain. Rob Ridings agreed that reestablishing the ditch in its pre-existing location was allowable under the Neuse Riparian Buffer Regulations as long as non-erosive velocity was maintained. The reestablished ditch will meet the Neuse Riparian Buffer requirements for treatment and non-erosive velocity.

The buffer impacts were permitted to the easement of the project and this activity would occur within the permitted portion of the project area, therefore no additional impacts would be incurred (see attached Revised Buffer Permit Drawing Sheet 9 of 10 and Design Plan Sheet 5). Rob Ridings determined that the reestablishment of the preexisting ditch would not require a permit modification, but requested a letter of notification to NCDWQ with the revised permit drawings and plan sheets. There will be no additional impacts to jurisdictional streams or wetlands as a result of this activity.

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

TELEPHONE: 919-715-1334 or
919-715-1335

FAX: 919-715-5501

WEBSITE: WWW.NCDOT.ORG

LOCATION:
2728 CAPITAL BLVD, SUITE 240
RALEIGH NC 27604

A copy of this notification will be posted on the NCDOT website at:
<http://www.ncdot.org/doh/preconstruct/pe/>. If you have any questions or need additional information, please call Erica McLamb at (919) 715-1521.

Sincerely,


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

cc:

w/attachment

Mr. Brian Wrenn, NCDWQ
Mr. J. Wally Bowman, PE., Division Engineer
Mr. Chris Murray, DEO
Mr. Eric Alsmeyer, USACE

w/o attachment (see website for attachments)

Dr. David Chang, P.E., Hydraulics
Mr. Mark Staley, Roadside Environmental
Mr. Greg Perfetti, P.E., Structure Design
Mr. Victor Barbour, P.E., Project Services Unit
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
Mr. Gary Jordan, USFWS
Mr. Travis Wilson, NCWRC
Ms. Anne Deaton, NCDMF
Mr. John Conforti, PDEA

PROJECT REFERENCE NO. B-3917	SHEET NO. 5
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
Prepared in the Office of: EarthTech 70 Corporate Center Drive, Suite 475 Raleigh, NC 27607 (919) 854-6200 - (919) 854-6299 FAX	
Prepared in the Office of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HYDRAULICS UNIT RALEIGH, NC	
FOR DITCH LOCATED AT 22+00 -L- LT TO 24+00 -L- LT ONLY	
GRAPHIC SCALE 50 25 0 50 100 PLANS	

Revised 08-26-08
 Buried Drawing Sheet 9 of 10

- ALLOWABLE IMPACTS WITH MITIGATION ZONE 2
- ALLOWABLE IMPACTS WITH MITIGATION ZONE 1

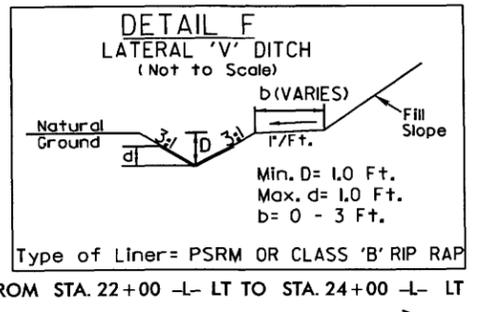
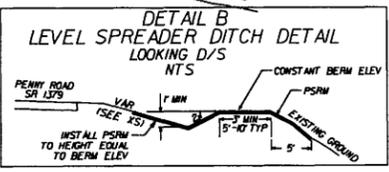
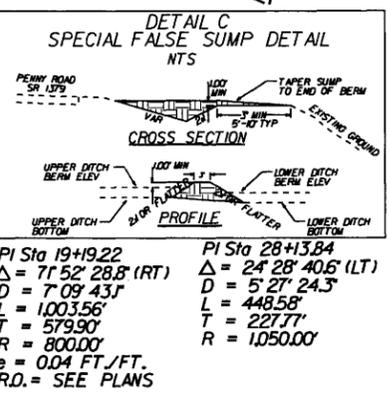
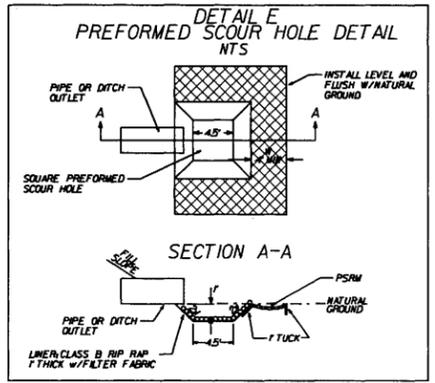
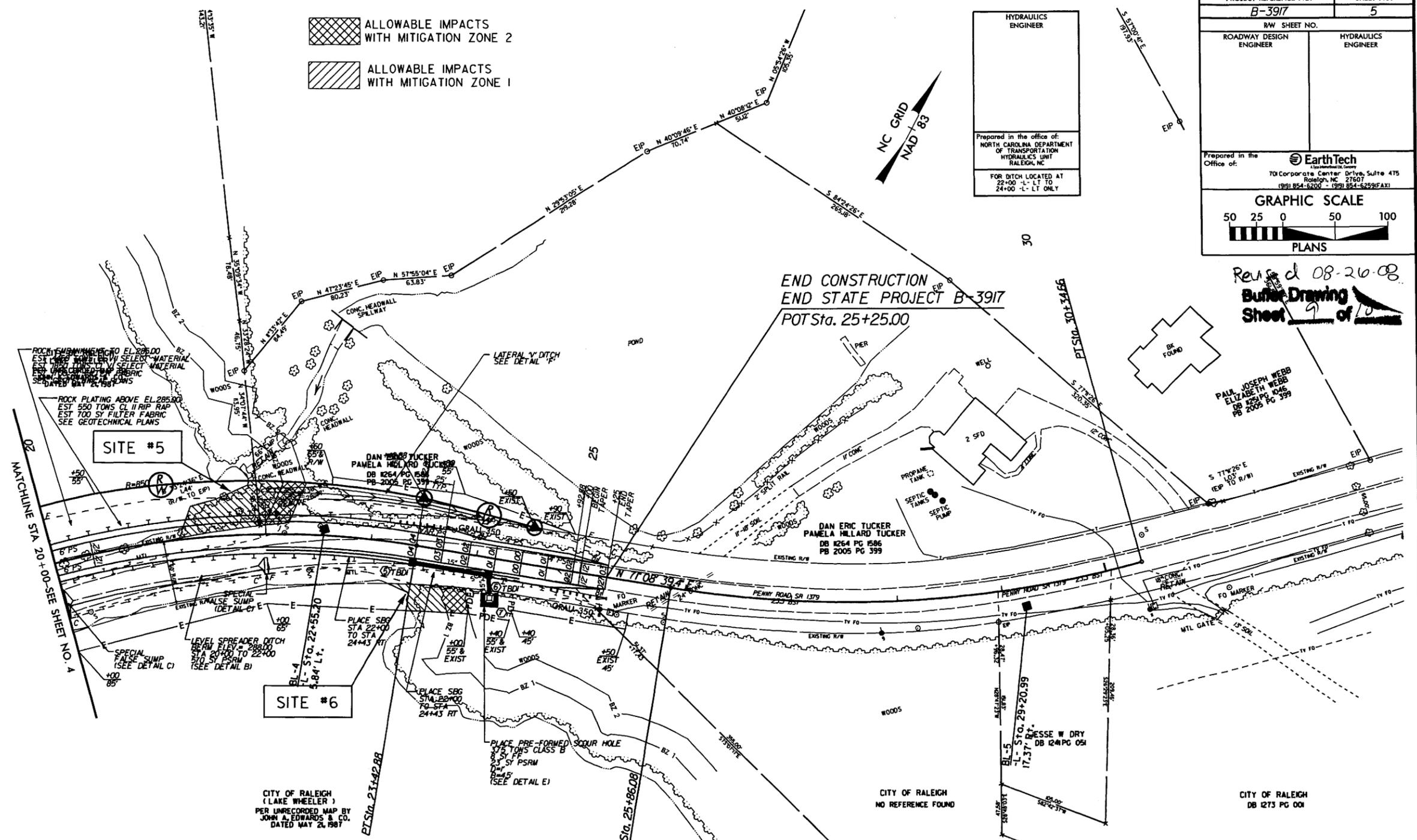
HYDRAULICS ENGINEER

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 HYDRAULICS UNIT
 RALEIGH, NC

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REVISIONS
 07/27/2006 - INID - ADDED VERTICAL CURVES FROM 17+67.1 TO 22+50
 07/27/2006 - INID - ADDED VERTICAL CURVES FROM 24+00 AND DELT F
 03/28/2006 - BRP - CONST EASMENT ADDED FROM 16+50 TO 24+00 RT



FOR -L- PROFILE, SEE SHEET 6

