



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

January 21, 2009

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

ATTN: Mr. David Baker  
NCDOT Coordinator

Subject: **Modification for Individual Section 404 and to Individual 401  
Certification for Section R-2518A**  
For US 19/US 19E Improvements  
From US 19/23 to SR 1421 (Windy Gap Road)  
Yancey County  
NCDOT Division 13  
State Project Numbers 6.869005T and 6.909001T  
T.I.P. Project Number R-2518A  
Debit \$570.00 from WBS Element 34634.1.2

Reference: Application for Individual Section 404 and 401 permit for TIP R-  
2518A, R-2518B, and R-2519A, submitted June 26, 2007  
Revisions to the permit application, October 1, 2007  
Individual 401 Water Quality Certification No. 3706 issued October 11,  
2007.

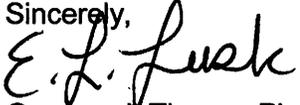
Dear Mr. Baker:

This letter addresses modifications to Section R-2518A of the 19E Widening Project that extends from US 19/23 to SR 1421 (Windy Gap Road) in Yancey County. The North Carolina Department of Transportation (NCDOT) requests approval for revisions to the above referenced permits. Site 21 on Permit Drawing Sheet 58 (the Revised Permit Drawing Sheet 58 is attached) from the Individual permit issued April 1, 2008 depicted impacts to two unnamed tributaries to Ivey Gap Branch (labeled IGB3 & IGB4 on the attached Revised Permit Drawing Sheet 58). IGB3 was proposed to be impacted by roadway fill and IGB4 was proposed to be impacted by extension of a 1050 mm reinforced concrete pipe with total impacts of 325 linear feet (lf). Upon investigation it was found that the existing 1050 mm pipe was damaged and installing a liner to repair it caused a reduction in hydraulic capacity. Therefore, a new 1000 mm corrugated steel pipe is proposed to be installed to the north of the existing pipe and will line up with IGB3. The existing pipe will still carry IGB4. The new 1000 mm pipe will extend to match the grade of IGB3 which will result in 170 lf of additional permanent impacts to this stream. The fill line will be extended to cover the new pipe causing the existing 1050 mm

pipe to need a longer extension for IGB4. A new 400 mm corrugated metal pipe will extend from the proposed extension on the existing pipe resulting in an additional 215 lf of permanent impacts to IGB4. Site 21 will then have an additional 385 lf of permanent impacts added to the previously proposed 325 lf of permanent impacts for a total of 710 lf of permanent impacts to surface waters at this site. No new temporary impacts to surface waters will result from this action. The need for these modifications was shown to Mike Parker, regional representative for the North Carolina Division of Water Quality at a January 6, 2009 onsite meeting with NCDOT.

Compensatory mitigation for additional permanent impacts to surface waters will be provided from excess onsite mitigation for Section R-2518A.

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Mr. Jeffrey Hemphill (919) 715-1458.

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

W/attachment

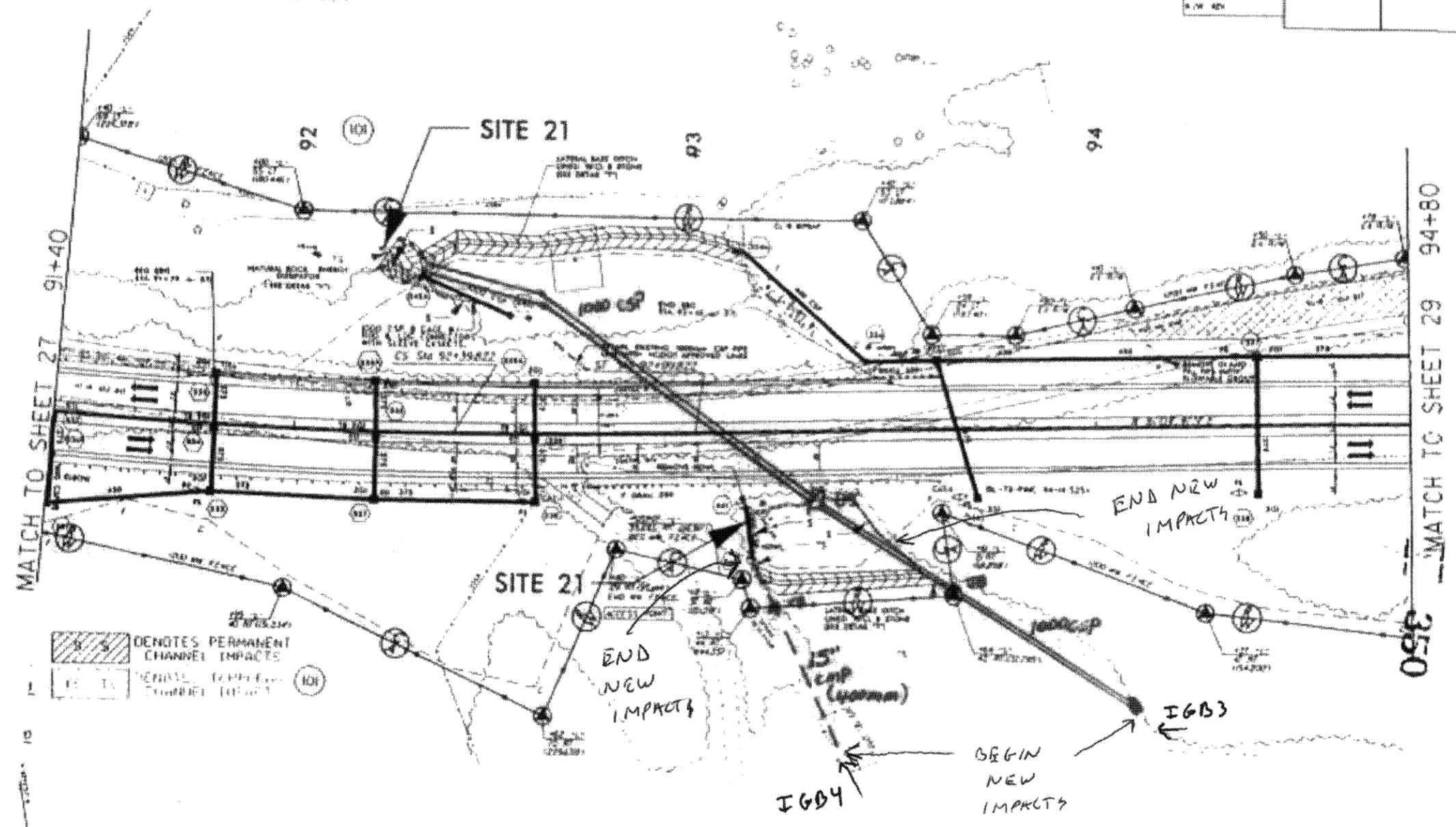
Mr. Brian Wrenn, NCDWQ (5 Copies)  
Ms. Marella Buncick, USFWS  
Ms. Marla Chambers, NCWRC  
Ms. Kathy Matthews, USEPA-Whitter, NC  
Dr. Charles Nicholson, TVA

W/o attachment (see website for attachments)

Dr. David Chang, P.E., Hydraulics  
Mr. Victor Barbour, P.E., Project Services Unit  
Mr. Greg Perfetti, P.E., Structure Design  
Mr. Mark Staley, Roadside Environmental  
Mr. J.J. Swain, P.E. (Div. 13), Division Engineer  
Mr. Roger Bryan (Div. 13)  
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. Todd Jones, NCDOT External Audit Branch  
Mr. Steve Brown, PDEA Project Planning Engineer  
Mr. Drew Joyner, PE, Human Environment Unit Head  
Mr. Clarence W. Coleman, P.E., FHWA

Pt Sta 91+69.774      Pt Sta 92+99.824  
 Δ = 6' 41" 48.4" (LT)      Δ = 7' 25" 56.6"  
 L = 140.257      LS = 80.000  
 T = 70.208      LT = 40.000  
 R = 4200.000      RT = 20.000  
 SE = 0.040

	PROJECT REFERENCE NO.	SHEET NO.
	9-2324	20
	S.W. SHEET NO.	
	ROADWAY DESIGN ENGINEER	HYDRAULIC ENGINEER
<b>PRELIMINARY PLANS</b> <small>NO PART OF THIS DRAWING TO BE USED FOR CONSTRUCTION</small>		
DESIGNED BY		
D.W. REV		



DENOTES PERMANENT CHANNEL IMPACTS  
 DENOTES CHANNEL IMPACTS

FOR -L- PROFILE SEE SHEET 59  
 Permit Drawing  
 Sheet 58 of 64  
 REVISED PERMIT DRAWING  
 11/21/09