

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

February 27, 2003

US Army Corps of Engineers
Regulatory Branch
6508 Falls of the Neuse Road
Raleigh, NC 27615

ATTENTION: Mr. John Thomas
NCDOT Coordinator

Subject: Nationwide 23 and 33 Permit Modification Application for the Replacement of Bridge No. 28 over Big Horse Creek on SR 1358, Ashe County. Federal Aid Project No. No. BRZ-1358(2), State Project No. 8.2711702, TIP Project No. B-4014.

Dear Mr. Thomas:

On January 16, 2004 the NCDOT applied for a NW 23 and 33 for the above referenced project. The North Carolina Department of Transportation (NCDOT) proposes to modify the construction plans for the subject project. The purpose of this letter is to request a modification to the original permit. The revised sheets of the original permit drawings are attached.

Temporary jurisdictional impacts to Big Horse Creek have increased from 63 feet of channel impacts or 0.01 acres of fill to 74 feet or 0.03 acres of fill. The increased impact results from the use of three 42" corrugated steel pipes and a rock causeway. Class II Rip Rap will be used for the construction of the rock causeway. The temporary rock causeway will be required due to the steep topography and limited area for staging equipment on the north side of Big Horse Creek.

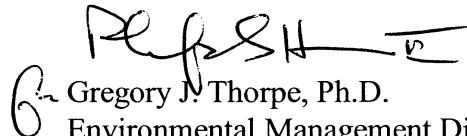
Restoration Plan: No permanent fill will result from the subject activity. The materials used as temporary fill in the construction of the causeways will be removed. The temporary fill areas will be graded back to the original contours. Elevations and contours in the vicinity of the proposed causeways are available from the field survey notes.

Schedule for Restoration of Temporary Fill Areas: It is assumed that the Contractor will begin construction of the proposed causeway shortly after the date of availability for the project. The Let date is April 20, 2004 with a date of availability of May 30, 2004.

Removal and Disposal: The causeways will be removed within 90 days after it is no longer needed. The temporary rock causeways will be removed by the Contractor using excavating equipment. All materials placed in the stream by the Contractor will be removed. The Class II riprap that is removed will be used as permanent rip rap around end bent 1. All other materials removed by the Contractor will be disposed of at an off site upland location.

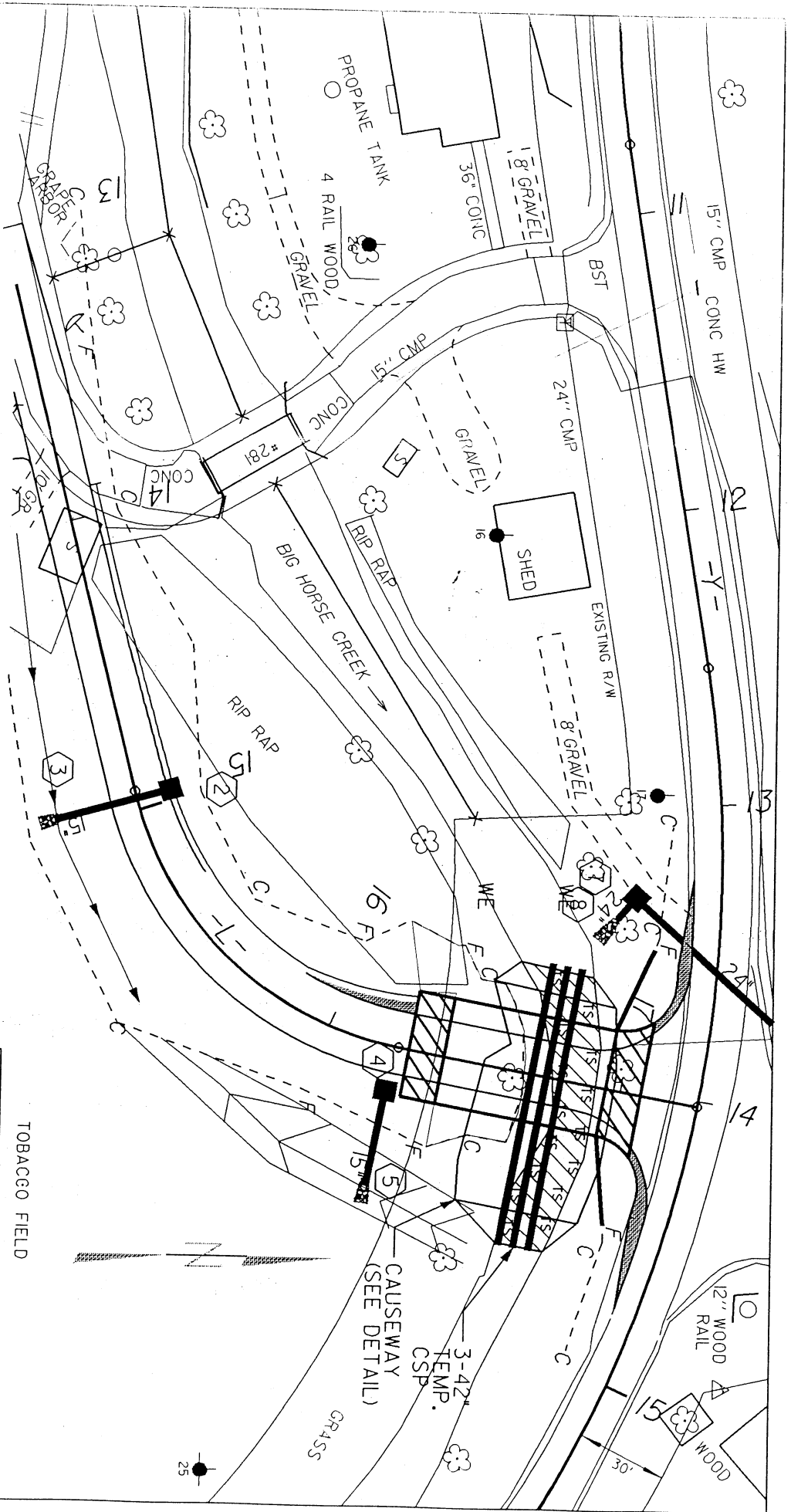
If you have any questions or need additional information, please contact Brett Feulner at (919) 715-1488.

Sincerely,

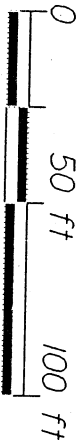

Gregory J. Thorpe, Ph.D.
Environmental Management Director, PDEA

w/ attachment

Mr. John Hennessy, NC Division of Water Quality
Ms. Marella Buncick, USFWS
Ms. Marla Chambers, NCWRC
Mr. Greg Perfetti, P.E., Structure Design
Mr. Jay Bennett, P.E., Roadway Design
Mr. Omar Sultan, Programming and TIP
Mr. Art McMillan, PE, Highway Design
Mr. David Chang, P.E., Hydraulics
Mr. Mark Staley, Roadside Environmental
Mr. Carl McCann, P.E., Division 11
Mr. Heath Slaughter, Division Environmental Officer
Ms. Stacey Baldwin, P.E., Project Planning Engineer
Mr. David Franklin, USACE, Wilmigton



PLAN VIEW
SITE #1



TOBACCO FIELD

NC DOT

DIVISION OF HIGHWAYS

ASHE COUNTY

PROJECT: 8.2711702 (B-4014)

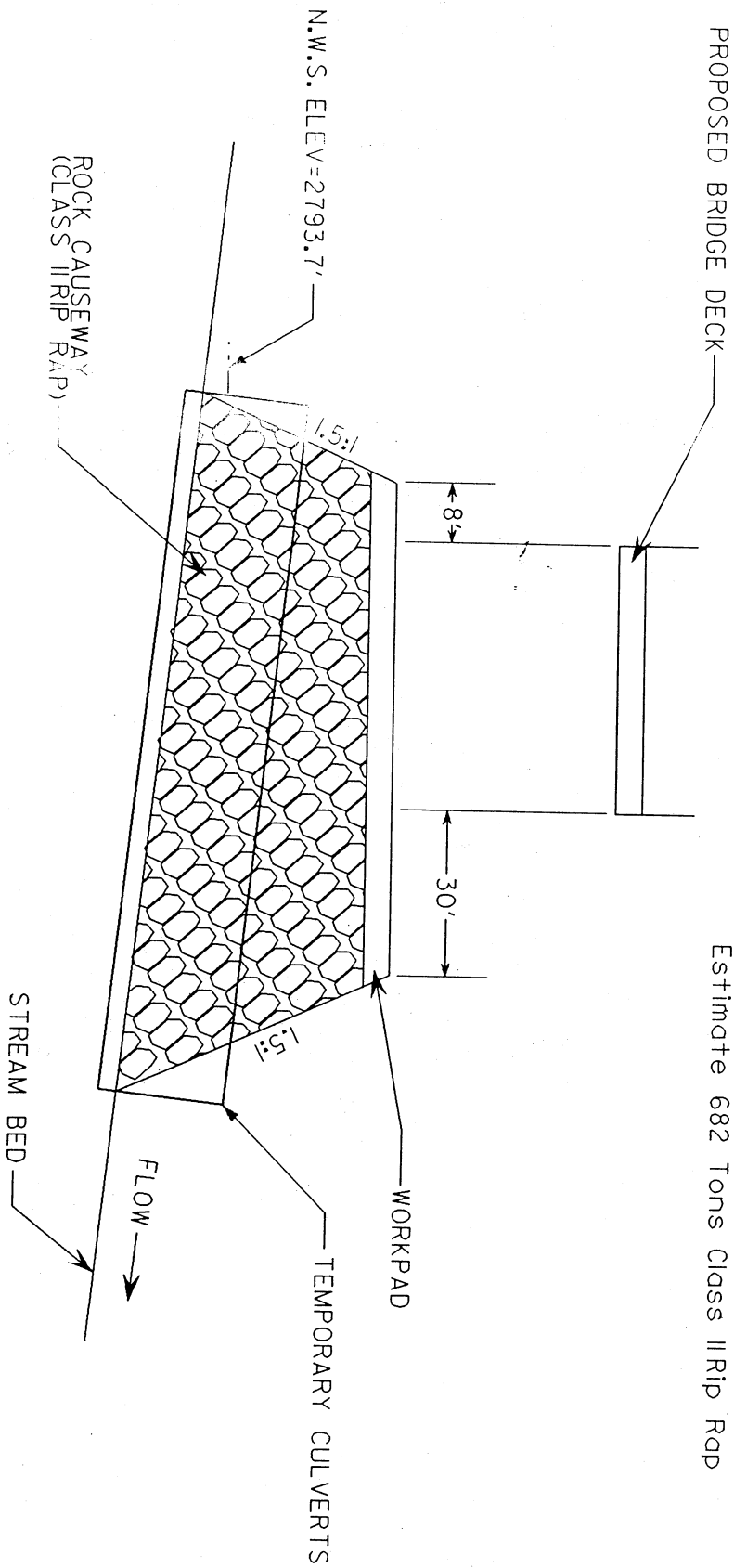
BRIDGE #28 ON

SR 1358 (LITTLE WINDFALL ROAD)
 OVER BIG HORSE CREEK

SHEET 1 OF 4 4/12/04

ESTIMATE OF QUANTITIES

VOLUME OF CLASS II RIP RAP = 481³ yds
 AREA OF CLASS II RIP RAP = 0.086 acres
 Estimate 682 Tons Class II Rip Rap



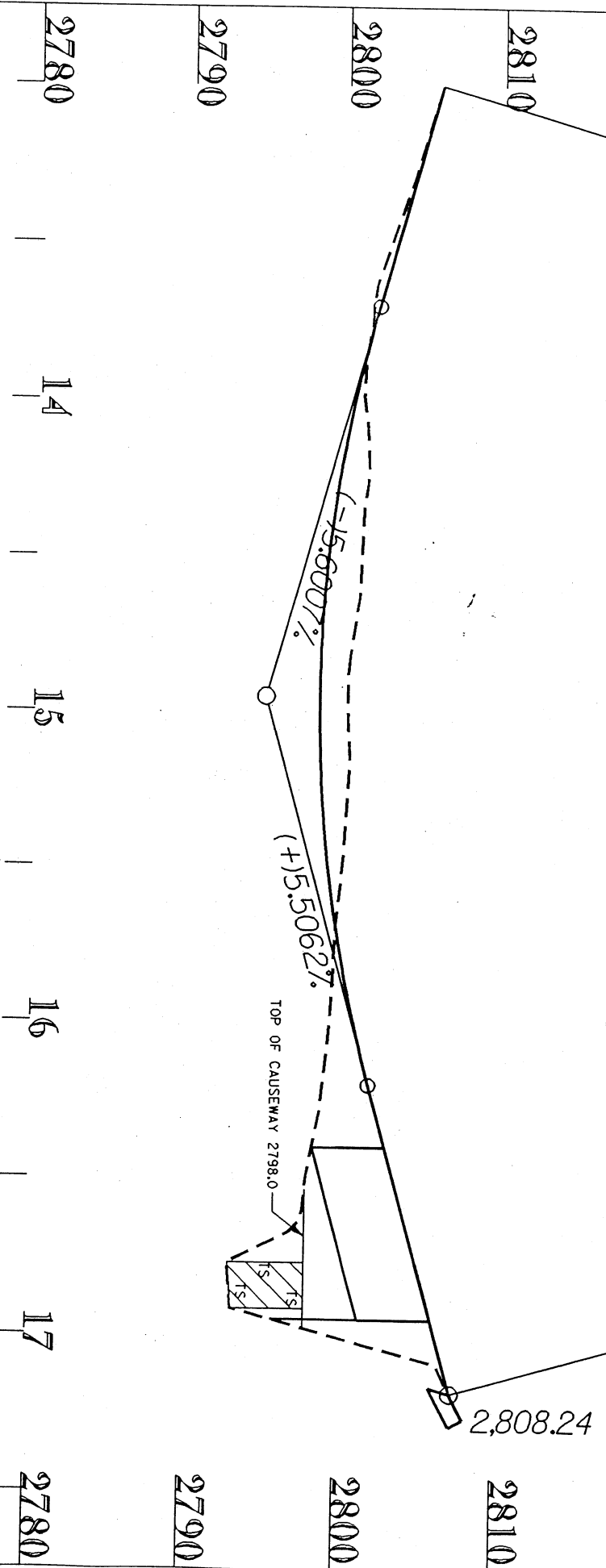
CAUSEWAY DETAIL
 SITE # 1

NC DOT
 DIVISION OF HIGHWAYS
 ASHE COUNTY
 PROJECT: 8.2711702 (B-4014)
 BRIDGE #28 ON
 SR 1358 (LITTLE WINDFALL ROAD)
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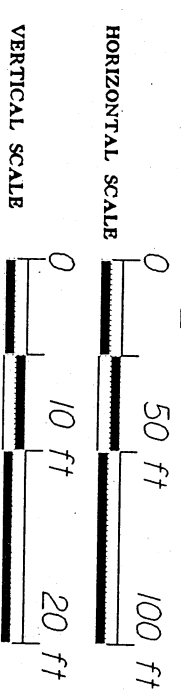
SHEET 2 OF 4 4/12/04

BEGIN STATE PROJECT B-4014
 BEGIN GRADE -L- STA 13+00.00
 ELEV. 2,806.01
 BEGIN CONSTRUCTION

END STATE PROJECT B-4014
 END GRADE -L- STA 17+18.41
 ELEV. 2,807.39
 END CONSTRUCTION



PROFILE VIEW
 SITE #1



NC DOT
 DIVISION OF HIGHWAYS
 ASHE COUNTY
 PROJECT: 8.2711702 (B-4014)
 BRIDGE #28 ON
 SR 1358 (LITTLE WINDFALL ROAD)
 OVER BIG HORSE CREEK

SHEET 3 OF 4
 4/12/04

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	L- Sta 16+40 TO 16+95	55' LONG BRIDGE (36' WIDE) (Temporary Work Bridge during construction) Work pad (aggregate & barrier) causes stream impacts								0.03	74	
TOTALS:			0	0	0	0	0	0	0	0.03	74	0

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

ASHE COUNTY
PROJECT 8.2711702 B-4014

SHEET 9 OF 64

2/13/04