



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 31, 2003

U. S. Army Corps of Engineers
Regulatory Field Office
6508 Falls of the Neuse Road
Suite 120
Raleigh, NC 27615

ATTN: Mr. John T. Thomas, Jr.
NCDOT Coordinator

Subject: **Nationwide 23 Permit Modification Application** for the replacement of Bridge No. 271 on SR 1200 over the Watauga River, in Watauga County. Federal Aid Project No. MA-BRZ-1200(2). State Project No. 8.2751101. TIP Project No. B-3263.

Dear Mr. Thomas:

On March 6, 2003 the USACE issued a Nationwide 23 (AID 200320504) and Nationwide 33 (AID 2000320505) for the above referenced project. This project is currently under construction. The North Carolina Department of Transportation proposes to modify the construction plans for the subject project. Impacts to jurisdictional waters will not change by use of these modifications. The purpose of this letter is to request a modification to the original permit. The revised sheets of the original permit drawings and the revised Design Plans are attached.

The revised design was needed to address maintenance concerns. The project as originally designed would have subjected end bent No. 1 to scour since it would be subject to continuous washout due to the low elevation of the bridge. High water elevation occurs an average of 2 to 3 times a year. The revised design includes shifting the grade to zero percent, raising end bent no.1, and installing new railings. In addition, by creating a more even distribution of water flow, debris collection would be reduced by the more level approach and bridge. The modified rails will also have openings designed to allow small debris and water to pass. Moreover, the new bridge rails and zero percent grade will allow water to flow directly off the bridge deck into the water. The revised design does not compromise NCDOT's compliance with the existing permit conditions.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1548 MAIL SERVICE CENTER
RALEIGH NC 27699-1548

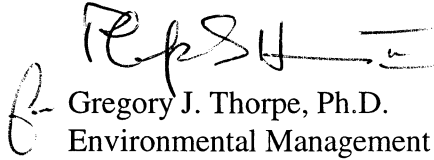
TELEPHONE: 919-733-3141
FAX: 919-733-9794

WEBSITE: WWW.NCDOT.ORG

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

If you have any questions or need additional information, please contact Tyler Stanton at (919) 715-1439.

Sincerely,

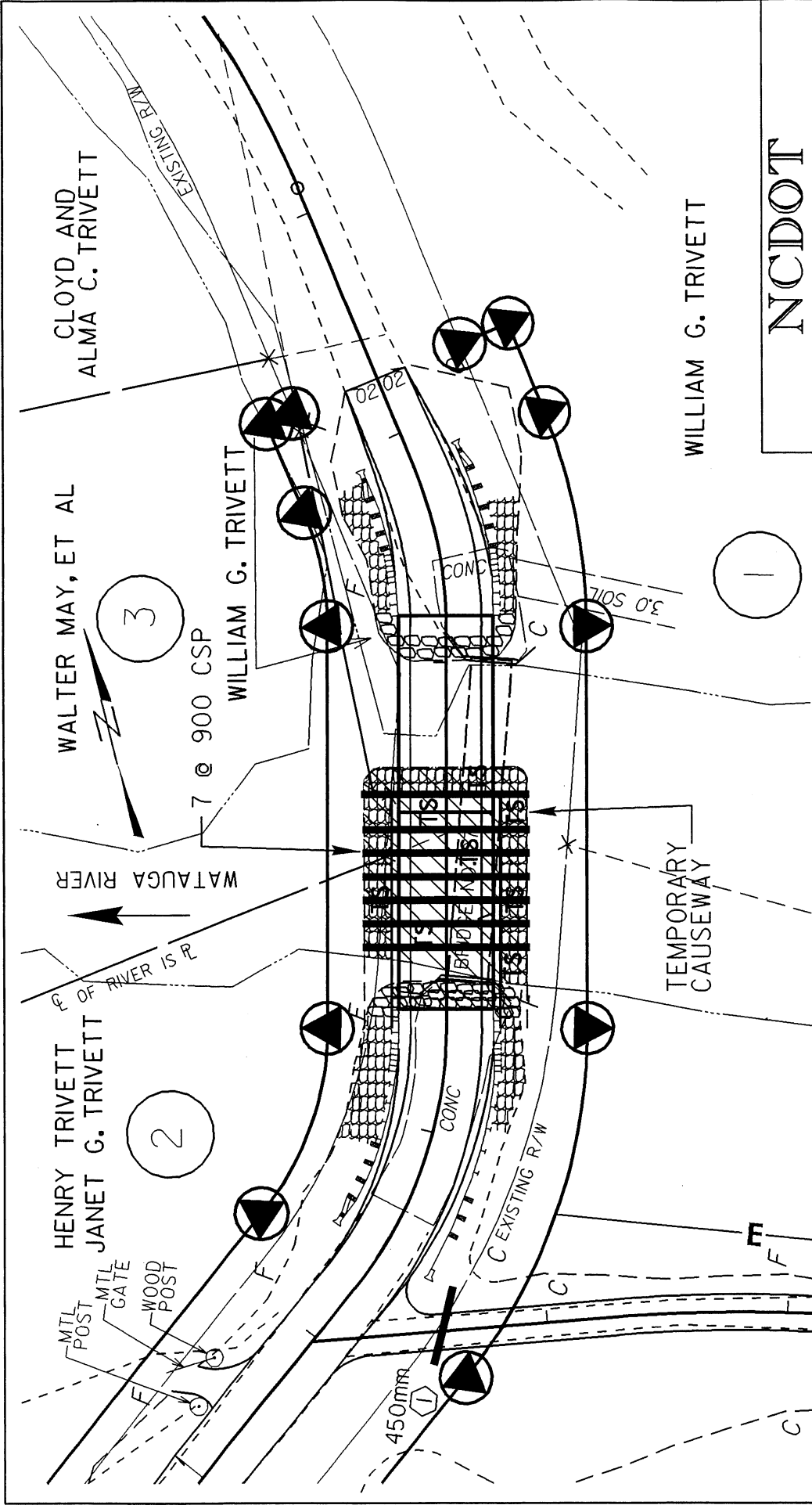

Gregory J. Thorpe, Ph.D.
Environmental Management Director, PDEA

w/ attachment

Mr. John Dorney, Division of Water Quality
Ms. Marla Chambers, NCWRC
Ms. Marella Buncick, USFWS
Mr. Greg Perfetti, P.E., Structure Design

w/o attachment

Mr. Jay Bennett, P.E., Roadway Design
Mr. Omar Sultan, Programming and TIP
Ms. Debbie Barbour, P.E., Highway Design
Mr. David Chang, P.E., Hydraulics
Mr. Mark Staley, Roadside Environmental
Mr. Carl McCann, P.E.
Mr. Heath Slaughter, DEO
Mr. John Williams, P.E., Project Planning Engineer
Mr. David Franklin, USACE, Wilmington



WILLIAM G. TRIVETT

NCDOT

DIVISION OF HIGHWAYS

WATAUGA COUNTY

PROJECT: 8.2751101 (B-3263)

BRIDGE NO. 271 OVER

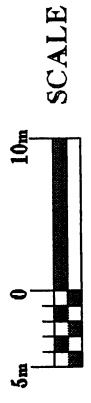
WATAUGA RIVER ON

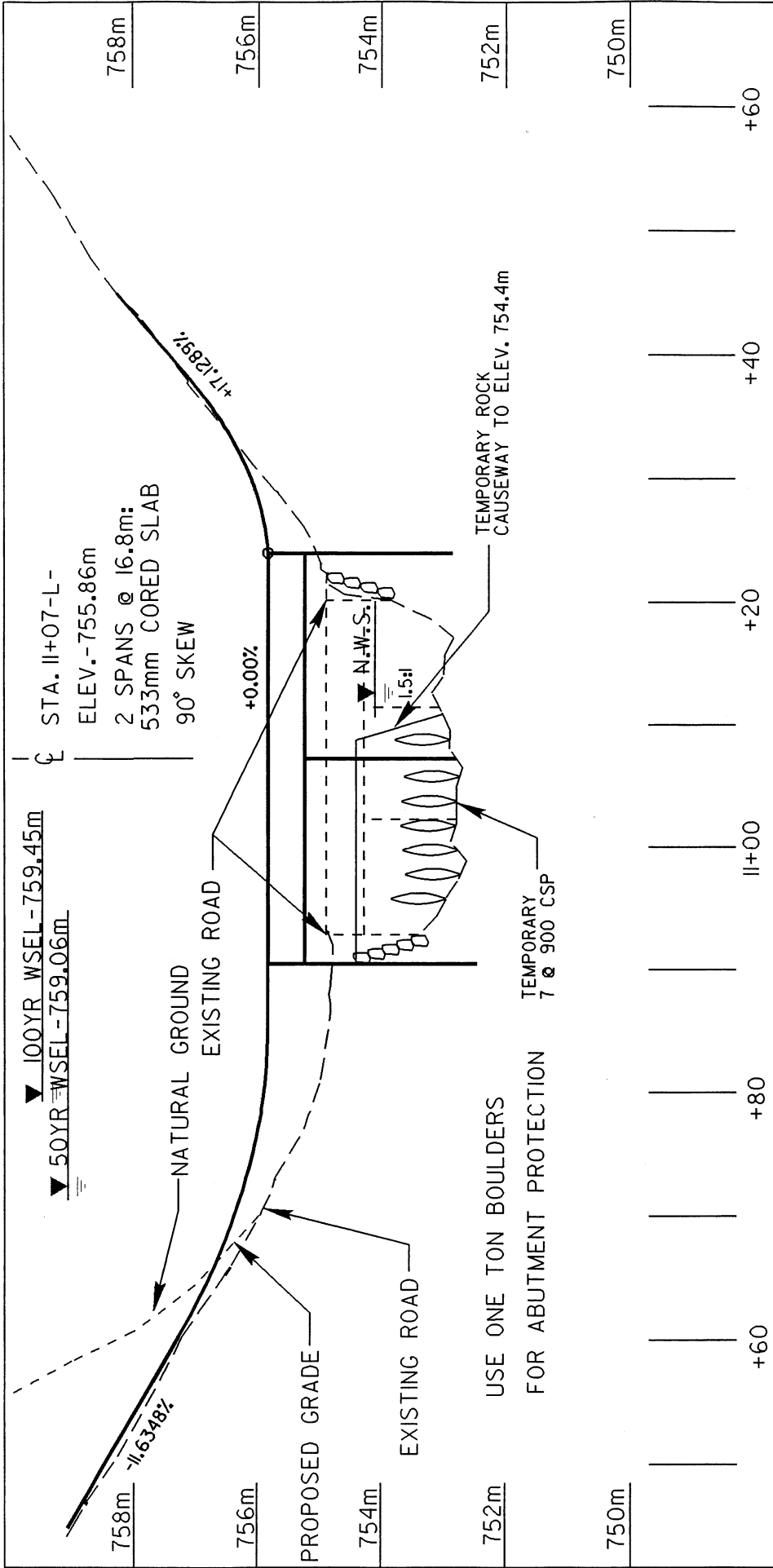
SR 1200 (GUY FORD RD.)

SHEET 3 OF 8 REV. 10/13/03

PLAN VIEW

 DENOTES TEMPORARY FILL IN SURFACE WATER





PROFILE

NCDOT
DIVISION OF HIGHWAYS
WATAUGA COUNTY
PROJECT: 8.2751101 (B-3263)
BRIDGE NO. 271 OVER
WATAUGA RIVER ON
SR 1200 (GUY FORD RD.)
SHEET 4 OF 8 REV. 10/13/03