



DWP

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

November 30, 2005

NC Department of Environment and Natural Resources  
Division of Water Quality  
Winston-Salem Regional Office  
585 Waughtown St.  
Winston-Salem, NC 27107

RECEIVED

DEC 1 2005

DENR - WATER QUALITY  
WETLANDS AND STORMWATER BRANCH

Attn: Ms. Sue Homewood  
NCDOT Coordinator, Division 9

**SUBJECT: Additional information for the for permit modification application to the Section 404 Individual Permit and Section 401 Water Quality Certification for the Proposed Replacement of Bridge Nos. 74 and 76 and Interchange Improvements Over SR 1242 and Michael Branch. Davidson County; Federal Aid No. BRSTP-29(10); State Project No. 8.1601401; TIP No. B-3157. USACE 404 Individual Permit Action ID 200030843, issued September 7, 2004 NCDWQ Section 401 Water Quality Certification No. 3467, issued July 28, 2004**

The North Carolina Department of Transportation (NCDOT) proposes to replace Bridge Nos. 74 and 76 in their existing locations and improve the interchange at US 29-64-70 and I-85 Bus. in Lexington, Davidson County, North Carolina. A Section 404 Permit (Action ID 200030843) was issued on September 7, 2004 and Water Quality Certification issued (WQC #3467) on July 28, 2004. A Water Quality Certification modification was issued on April 22, 2005. The project has been let and construction has begun.

The purpose of this submittal is provide additional information to the permit modification application dated November 18, 2005.

- It is NCDOT's understanding that the contractor is going to try to install the proposed diversion channel to the dimensions of the stream relocation if possible. If for some reason they cannot get the diversion channel to this size it will be a minimum of the existing channel size. NCDOT engineers have approved the size of the diversion channel.
- The original natural channel design was approximately 950 linear feet (LF) (404 LF for Segment 1 and Segment 2 and 546 LF for Segment 3). The new design is 896 LF (369 LF for

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

TELEPHONE: 919-715-1500  
FAX: 919-715-1501  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**  
2728 CAPITAL BLVD.  
PARKER LINCOLN BUILDING, SUITE 168  
RALEIGH NC 27604



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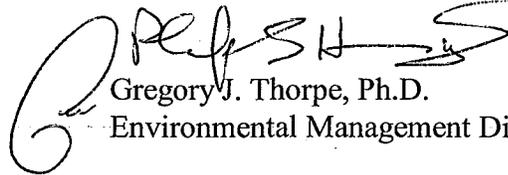
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Segment 1 and Segment 2 and 527 LF for Segment 3). The total impacts according to the permit were 876 LF, so we have an additional 20 LF of restoration/relocation.

Please continue to process the Section 401 and Section 404 permit modifications. If you have any questions or need additional information, please call Ms. Rachelle Beauregard at (919) 715-1383.

Sincerely,



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

cc:

- Mr. John Thomas, USACE
- Mr. John Hennessy, NCDWQ (7 Copies)
- Ms. Marla Chambers, NCWRC
- Ms. Marella Buncick, USEWS
- Dr. David Chang, P.E., Hydraulics
- Mr. Mark Staley, Roadside Environmental
- Mr. Greg Perfetti, P.E., Structure Design
- Mr. S. P. Ivey, P.E., Division Engineer
- Mr. Keith Raulston, Division Construction Engineer
- Mr. Darin Waller, Resident Engineer
- Ms. Diane Hampton, P.E., DEO
- Mr. Randy Griffin, NEU
- 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