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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

November 1, 2001

Project No.: 8.1501502, 8.1520103, 8.1520104
T.I.P. No.: R-942CA, R-942B, & R-942A
County: Chatham/Orange
Description: US 15-501 from SR 1599 in Chatham County to South of SR 1994
(Culbreth Road) South of Carrboro

Subject: Reclamation Plan – Spicewood Services, LLC Borrow Pit

Mr. Les Basnight
Jones Brothers, Inc.
1622 East Hwy 54
Parkwest, Suite 210
Durham, NC 27713

Dear Mr. Basnight:

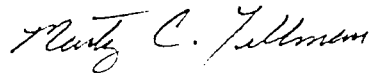
Attached please find two (2) copies of the reclamation plan for the Spicewood Services, LLC Borrow Pit which has been approved with the understanding that the Division of Highways reserves the right to visual inspection and sampling on the roadway, as deemed appropriate by the Resident Engineer, to reject any unsuitable material encountered regardless of whether or not such material was indicated by the sampling and test results of the pit.

It is expected that prior to closing out the site there should be an established stand of permanent vegetation. If this source is expanded more than one (1) acre, or is significantly changed as determined by the Engineer, you will be required to submit a revised or additional reclamation plan. It will be necessary to maintain all temporary devices in accordance with applicable specifications, with silt accumulations being removed as needed.

Mr. Les Basnight
Page 2

Please note that any local ordinances must be compiled with, in addition to this reclamation plan, if applicable.

Sincerely,

A handwritten signature in cursive script that reads "Marty C. Tillman".

Marty C. Tillman
Resident Engineer

MCT:jlb

cc: Mr. D. W. Jernigan
Mr. Johnie Marion, w/atta.
Mr. Art King
Ms. Debbie Fuquay, DEHNR, w/atta.
Mr. Murry Phillips, w/atta.
✓File w/atta.

RECEIVED

OCT 22 2001

DIVISION 8
DIVISION OF HIGHWAYS
RESIDENT ENGINEER

RECLAMATION PLAN Borrow Pit/Waste Pit

Project No: 8.1501502 etc.
County: Orange/Chatham

Date: October 17, 2001

Contractor: Jones Brothers Inc.
Address: 1622 East Highway 54 Suite 210 Durham, NC 27713
Property Owner: Spicewood Services, LLC
Address: PO Box 1001 Mt. Juliet, TN 37121

1. Total Acreage of Proposed Pit: 18.7 Acres (7.568 ha)
2. Expected Average Depth of Excavation: 30' (9.144 m)
3. Present Use of Land: None - Wooded
4. Proposed Use After Reclamation: Future Development
5. Proposed Sequence of Excavation: 1) Clear and grub area of borrow pit. 2) Remove and stockpile topsoil. 3) Install erosion control measures. 4) Excavate from haul road to the east (Note: Area will be over-excavated according to contours on plan.) 5) Place waste material (i.e. rock, concrete, asphalt, and unsuitable soils) to finished contour elevations. 6) Spread topsoil over area at a depth of no less than 6" (150mm).
6. Are wetlands located anywhere within the construction limits of the Site? No
If yes, has Section VI of this document been satisfied? N/A
7. Is Corps of Engineers or CAMA approval required for this site? Any required approval must be obtained and furnished to the Resident Engineer prior to removal of any material from the site. N/A
8. Is the site adjacent to any High Quality Water (HQW) as defined by the Department of Environment, Health, Natural Resources? No ***** If so, the design of all sediment control devices must meet the requirements of the Department of Environment, Health and Natural Resources (DEHNR).***
9. Describe your intended plan for the reclamation and subsequent use of all affected lands, and indicate the general methods to be used in reclaiming this land, including any stockpile areas, haul roads and ditches. Attach a map which illustrates this plan, showing the location and design of all temporary and permanent erosion and sediment control devices. All features must comply with the appropriate specification and standards. The reclaimed area will be utilized as a borrow source and waste pit for the adjacent NCDOT highway project. Borrow material will be removed from the site to limits of suitable soils. Waste material will be used to fill site to proposed contours. Once fully utilized the area will be graded as noted on the plan to promote future development. Standard excavation equipment will be used along with scrapers, off road trucks, and on road trucks. If any grave (s) are uncovered, the operation in the vicinity of the grave (s) shall be discontinued until an investigation has been performed.

10. State the method of reclaiming sediment and/or stilling basins. All erosion control measures will be installed per the attached plan and maintained in accordance with NCDOT Standard Specification and Special Provisions.

11. (a) Will excavation extend below the water table? No
(b) Specify how dewatering during excavation will be accomplished. Include any proposed stilling basins on the map. Construction details and calculations must be approved provided for stilling basins or Type A silt basins. The site will be graded to drain throughout the operation
(c) If water is to be left in the pit after completion, state the estimated depth of permanent water. State how this information was obtained. The data should include the high and low water table depths. (Note: Water table depths are available from the Soil Conservation Service.) N/A

12. Describe the proposed schedule of permanent seeding and mulching. Include any proposed reforestation. A minimum of one half of the area will be temporary seeded and mulched upon the completion of clearing and grubbing. Areas inactive for a period of longer than 15 days shall be temporary seeded. Staged reforestation will be incorporated when practical.

13. Signatures:

(a) Contractor: Thomas M Sullivan
(Must be by a person authorized to sign a supplemental agreement)

(b) All owners of record.

Witness [Signature]

Owners Thomas M Sullivan

14. Approved: Monty C. Tullman Date: 10-24-01
(Resident Engineer)

Exceptions: As Noted On Plans

Initials of Exceptions:

Contractor: [Signature] [Signature]
Property Owner(s): [Signature] [Signature]

Robert J. Goldstein and Associates, Inc.
ENVIRONMENTAL CONSULTANTS
Since 1985

8480 Garvey Drive
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website: www.rjgaCarolina.com

18 October 2001

Tom Sullivan
Jones Brothers, Inc.
1622 E. Highway 54 Suite 210
Durham, NC 27713

Dear Tom,

RJG&A has completed surveys for state and federally protected species (US and NC threatened and endangered and NC special concern) and US Army Corps of Engineers (COE) jurisdictional wetlands and waters on the portion of Chatham County parcel 65382 (Deed Book 542 page 586) from which Jones Brothers, Inc. plans to remove borrow material and into which they plan to deposit waste material (clean soil and rocks) in conjunction with their NCDOT project on US 15/501 (Figure 1). Neither COE jurisdictional wetlands nor protected species were found during my site visits on Monday 10 September 2001 and Thursday 14 September 2001.

The 18.7-acre site was recently timbered and has regenerated naturally into an upland scrub community dominated by white oak (*Quercus alba*), sweet gum (*Liquidambar styraciflua*), tulip poplar (*Liriodendron tulipifera*), loblolly pine (*Pinus taeda*), eastern red cedar (*Juniperus virginiana*), blackberry (*Rubus argutus*), and muscadine grape (*Vitis rotundifolia*). Since no COE jurisdictional wetlands or waters were identified, there is no need to notify this agency before or after work begins.

The North Carolina Department of Environment and Natural Resources Division of Water Quality (DWQ) classifies surface waters adjacent to the project area as WS-IV NSW. This classification requires a 30-foot vegetated buffer around all waters listed on USGS 7.5 minute topographic maps. These regulations will not affect the project since neither Cub Creek nor its tributary, locally known as Booger Branch, are within 30 feet of the project area boundary.

None of the eight species listed in Chatham County as state or federally threatened or endangered were encountered, nor were their habitats. None of the four North Carolina species of special concern were observed, nor were their habitats.

Should you have any questions regarding these findings, or require clarification on any point, please call.

Thanks for the opportunity to once again provide environmental services to Jones Brothers, Inc.

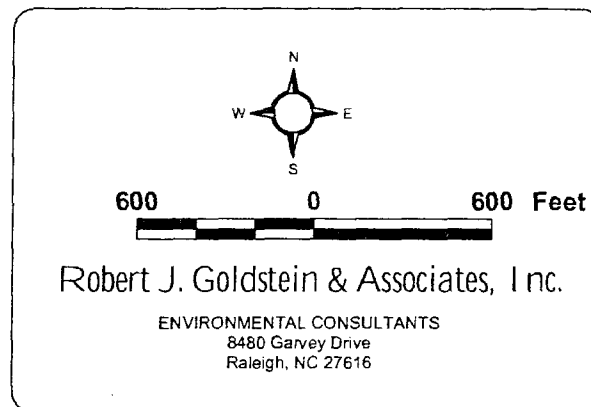
Sincerely,



H. Ward Marotti
Plant Ecologist

Environmental Assessments • Environmental Impact Statements • Jurisdictional Wetland Delineations • Endangered Species Surveys
GIS/GPS Mapping • Reservoirs • Archaeological Surveys and Testing • Water Supply Projects • Real Estate Risk Assessments • Lake Management
Watershed Management • Instream Flow Analyses • Mitigation Plans • Stream Restoration • Municipal Solid Waste Landfills • Sewerlines
Wastewater Treatment Plants • 404 and 401 Permits • Groundwater Monitoring • Biological Assessments • Expert Witness Testimony

Figure 1. Jones Brothers Inc. Proposed Waste Disposal Site Project Area - Chatham County, NC - September 2001



Robert J. Goldstein & Associates, Inc.

ENVIRONMENTAL CONSULTANTS
8480 Garvey Drive
Raleigh, NC 27616

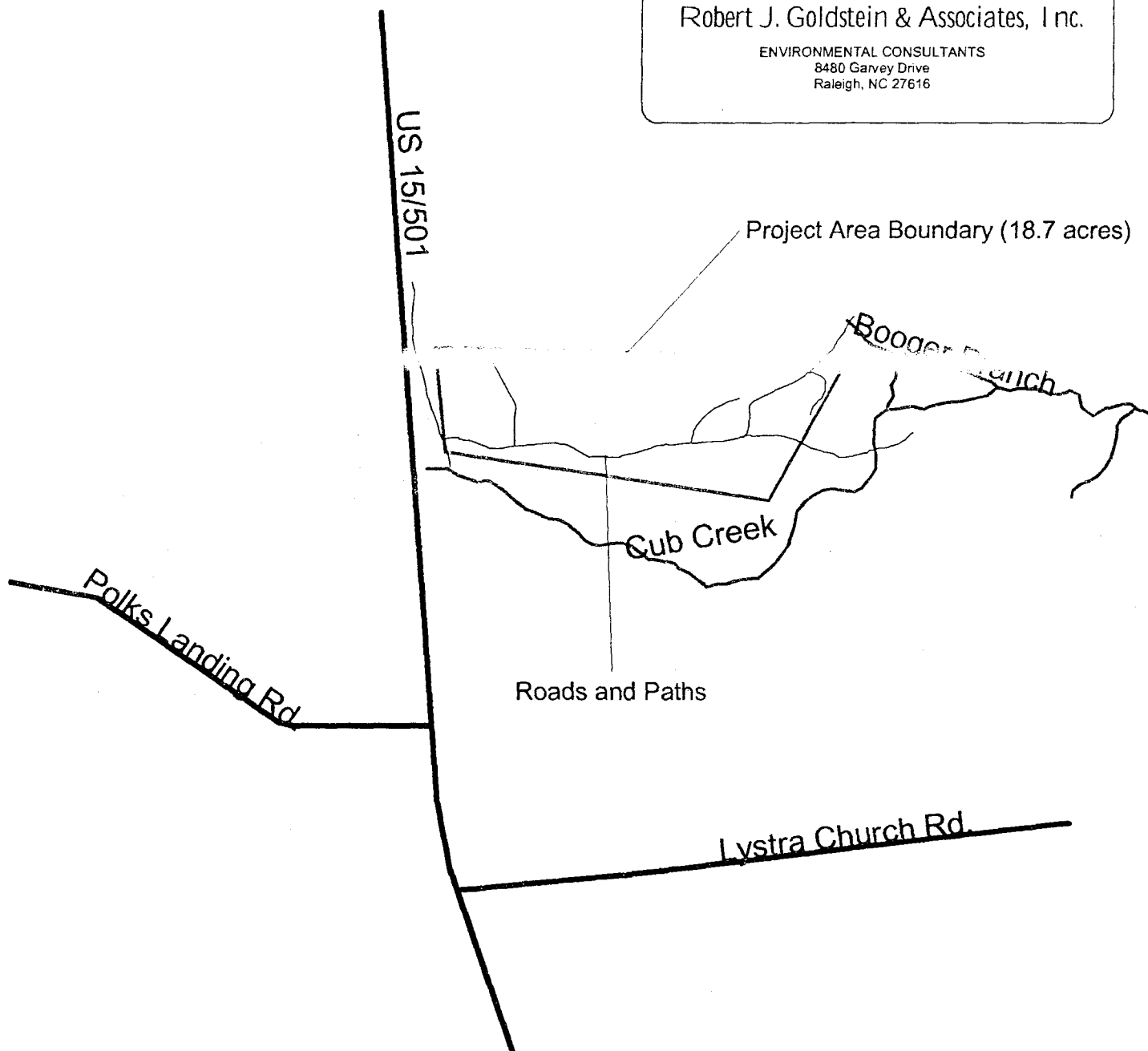
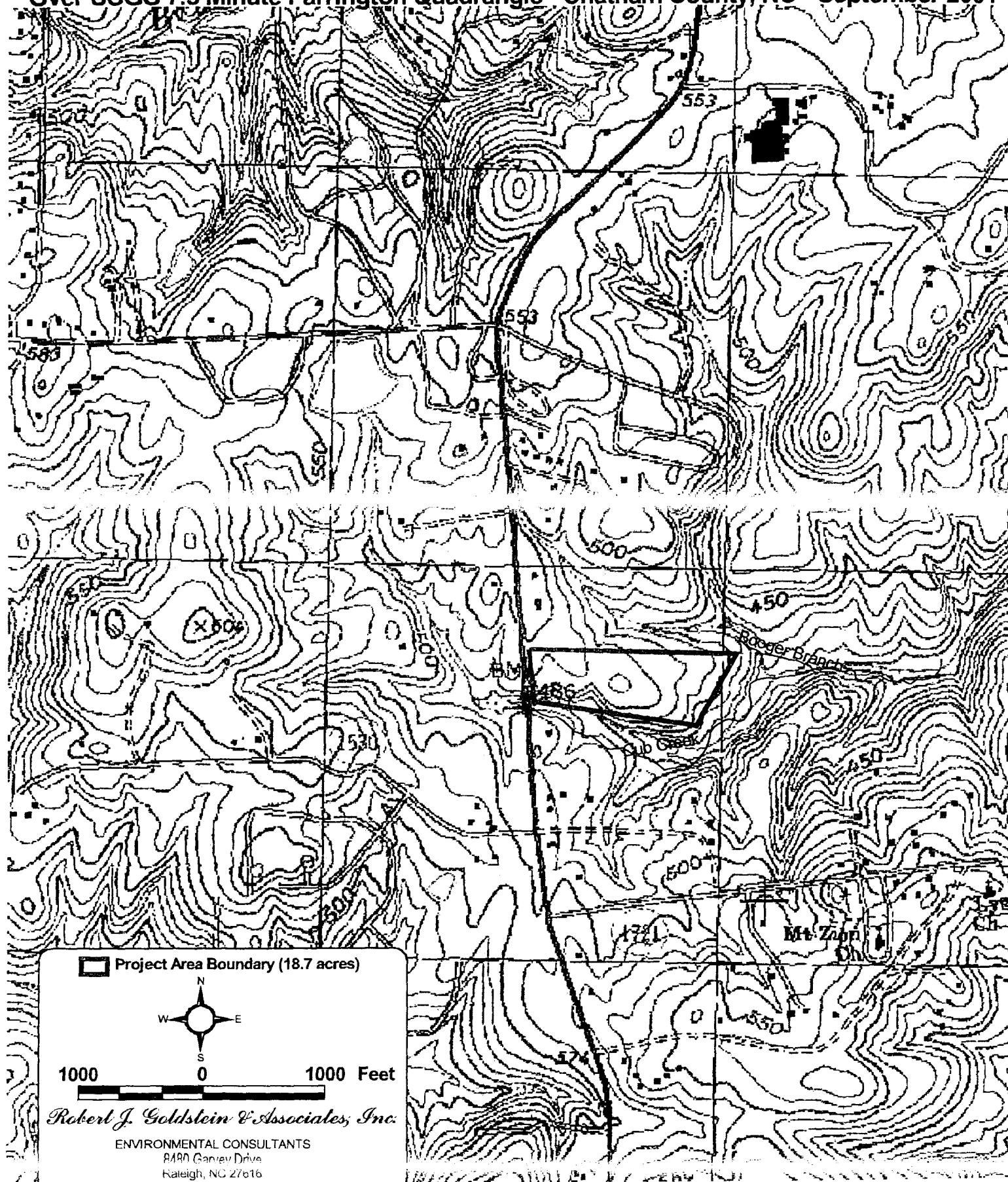


Figure 2. Jones Brothers Inc. Proposed Waste Disposal Site Project Area Shown Over USGS 7.5 Minute Farrington Quadrangle - Chatham County, NC - September 2001





**North Carolina Department of Cultural Resources
State Historic Preservation Office**

David L. S. Brook, Administrator

Michael F. Easley, Governor
Lisbeth C. Evans, Secretary

Division of Archives and History
Jeffrey J. Crow, Director

October 4, 2001

Les Basnight, Project Manager
Jones Bros.
1622 East Hwy. 54
Parkwest, Suite 210
Durham, NC 27713

Re: NCDOT Project 8.1501502 etc., Orange and Chatham Counties, ER 02-7744

Dear Mr. Basnight:

Thank you for your letter of September 19, 2001, concerning the above project.

We have reviewed the proposed location of the borrow area that will be used for the above project. Based on the information provided, it appears that there are no historic properties located within the project's area of environmental effect. We, therefore, recommend that no archaeological survey be conducted in connection with this project.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, please contact Renee Gledhill-Earley, environmental review coordinator, at 919/733-4763.

Sincerely,

David Brook

DB:kgc

| | Location | Mailing Address | Telephone/Fax |
|-------------------|-------------------------------|--|---------------------------|
| Administration | 507 N. Blount St, Raleigh, NC | 4617 Mail Service Center, Raleigh 27699-4617 | (919) 733-4763 • 733-8653 |
| Restoration | 515 N. Blount St, Raleigh, NC | 4613 Mail Service Center, Raleigh 27699-4613 | (919) 733-6547 • 715-4801 |
| Survey & Planning | 515 N. Blount St, Raleigh, NC | 4618 Mail Service Center, Raleigh 27699-4618 | (919) 733-4763 • 715-4801 |