NEPA COMPLIANCE CHECKLIST
PROPOSED 480-FOOT SELF-SUPPORT COMMUNICATIONS TOWER

SITE NAME: WELCOME
SITE NUMBER: HP-1354

OLD U.S. 52
LEXINGTON, NC
(DAVIDSON COUNTY)

LATITUDE: N 35° 55' 27.84" ±
LONGITUDE: W 80° 14' 35.94" ±

DATE INSPECTED: APRIL 1, 2011
DATE NEPA ISSUED: AUGUST 3, 2011

COMPLETED BY:
George T. Swearingen, III
Of
TOWER ENGINEERING PROFESSIONALS
Project Site Specific
NEPA Compliance Checklist
North Carolina Highway Patrol Site
Welcome
HP-1354
Ms. Tanya Luter  
VIPER Project Manager  
North Carolina State Highway Patrol  
3318 Garner Road  
Raleigh, NC 27610  

Re: NEPA Checklist  
NC Highway Patrol Site # HP-1354  
Welcome Site  
Old U.S. 52  
Lexington, Davidson County, NC  

Dear Ms. Luter:

Tower Engineering Professionals, Inc. (TEP) conducted a FCC Compliance NEPA Checklist (NEPA) for the proposed lease area associated with the proposed 480-ft (495-ft with appurtenances) AGL Self-Support Lattice Communications Tower for the site designated as Welcome (NC Highway Patrol Site # HP-1354), and is pleased to submit the findings to the North Carolina Highway Patrol. The proposed site is located on a parcel of real estate in Davidson County, NC. The parent property and the adjacent properties were occupied by a mix of commercial, low density residential, and undeveloped forested land uses at the time of the site inspection.

The NEPA Checklist research conducted by TEP indicates that the site is not: located in an officially designated wilderness area; located in an officially designated wildlife preserve; located in a floodplain; located in a residential zoned area and required to be equipped with high intensity white lights; and will not: affect threatened or endangered species or their designated critical habitats; affect districts, sites, buildings, structures or objects listed or eligible for listing in the National Register of Historic Places; affect Indian religious sites; or involve significant changes to surface features.

TEP, with the assistance of Environmental Services, Inc. conducted the Section 106 of the NHPA portion of the NEPA checklist and the Native American consultation. TEP filed the proposed Welcome site with the FCC Tower Construction Notification System (TCNS) on 5-26-11 and was assigned TCNS # 76925. TEP has received correspondence or referred to the FCC, all of the applicable tribes with known ancestral and/or aboriginal rights to Davidson County, NC as identified by the FCC TCNS.

The results of the NEPA Checklist conducted by TEP concludes that no further investigation (i.e. NEPA Environmental Assessment) is warranted or recommended for the Welcome Site.

Sincerely,

Tower Engineering Professionals, Inc.  
George T. Swearingen, III  
Environmental Manager
Section I – NEPA Checklist
FCC NEPA COMPLIANCE AUDIT CHECKLIST

WELCOME SITE
480-FT SELF SUPPORT LATTICE TOWER
NC HIGHWAY PATROL – DEPARTMENT OF CRIME CONTROL
LEXINGTON, NC
DAVIDSON COUNTY

1. Is the proposed facility located in an officially designated wilderness area? □ No □

2. Is the proposed facility located in an officially designated wildlife preserve? □ No □

3. Will the proposed facility likely affect threatened or endangered species or designated critical habitats; or likely jeopardize the continued existence of any proposed endangered or threatened species; or likely result in the destruction or adverse modification of proposed critical habitats (as determined by the Endangered Species Act or 1973)? □ No □

4. Will the proposed facility affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed (or eligible for listing) in the National Register of Historic Places? □ No □

5. Will the proposed facility affect Indian religious sites? □ No □

6. Is the proposed facility located in a floodplain? □ No □

7. Will construction of the proposed facility involve significant change in surface features (e.g., wetland fill, deforestation or water diversion)? □ No □

8. Is the proposed facility located in a residential neighborhood and is required to be equipped with high intensity white lights (as defined by local zoning law)? □ No □

If any of the above questions result in an answer of “yes”, then construction may not start on any of these sites prior to receipt of a finding of no significant impact by FCC.

RF Exposure Screening Under NEPA

9A. Will the proposed NON-ROOFTOP facility equal or exceed total power (of all channels) of 2000 watts ERP (3280 Watts EIRP) and have antennas located less than 10 meters above ground level? □ No □

9B. Will the proposed ROOFTOP facility equal or exceed total power (of all channels) of 2000 watts ERP (3280 Watts EIRP)? □ N/A □

IF “yes” is the answer to either of the two RF exposure questions, an evaluation must be performed to determine if the North Carolina Highway Patrol exceeds the FCC’s exposure limits.

TOWER ENGINEERING PROFESSIONALS, INC.
Print Name: George T. Swearingen, III
Date: August 31, 2011
Signature: [Signature]
The following provides additional information concerning each item on the checklist.

1. **Designated Wilderness Areas** – Based on a review of the National Wilderness Institute Map of Wilderness Areas, Wild & Scenic Rivers, National Natural Landmarks and UN Biosphere Reserves, dated 1995, and the Wilderness.net - U.S. National Wilderness Preservation System Map, the proposed tower site is not located within an officially designated wilderness area.

2. **Designated Wildlife Preserves** – Based on a review of the US Fish and Wildlife Service: National Wildlife Refuge System Map, dated September 30, 2004, the proposed tower site is not located within an officially designated wildlife preserve.

3A. **Listed Threatened or Endangered Species or Designated Critical Habitats** - Based on a review of the element occurrences of federally listed threatened and endangered species and their critical habitats within a 2-mile radius of the proposed tower site, as obtained from the North Carolina Department of Environment and Natural Resources: Natural Heritage Program Online Virtual Workroom, an on-site investigation, and correspondence with the USFWS-Asheville Field Office, no listed threatened or endangered species occur at the proposed tower site. In addition, no critical habitats were identified on the proposed tower site. Therefore, it is not likely that the construction of the proposed tower will affect threatened or endangered species or their critical habitats.

3B. **Proposed Threatened or Endangered Species or Proposed Critical Habitats** - Based on a review of the element occurrences of federally listed threatened and endangered species and their critical habitats within a 2-mile radius of the proposed tower site, as obtained from the North Carolina Department of Environment and Natural Resources: Natural Heritage Program Online Virtual Workroom, an on-site investigation, and correspondence with the USFWS-Asheville Field Office, none of the proposed threatened or endangered species occur on the proposed tower site. The proposed tower site is not located within an area qualifying as proposed critical habitats. Furthermore, the construction of the proposed tower is not likely to adversely impact proposed threatened or endangered species or their critical habitats.

4. **Historical Places** – Based on the results of our coordination with the Thomasville Historic Preservation Commission, Davidson County Planning and Zoning Department, Lexington Historic Preservation Commission, and the North Carolina Department of Cultural Resources – State Historic Preservation Office (NCDCR-SHPO), the construction of the proposed tower will “Not Adversely Affect” properties listed on or eligible for listing on the National Register of Historic Places within the 1.5-mile Area of Potential Effect (APE).

5. **Indian Religious Sites** – Based upon a review of available information obtained from the North Carolina Department of Cultural Resources, the Native American Consultative Database, the Bureau of Indian Affairs-Indian Reservations in the Continental United States, dated 5/96, and the responses to the FCC-Tower Construction Notification ID #76925, no known Indian religious sites will be affected by the proposed tower site.

6. **Floodplains** – Based on a review of the floodplain map of the area (FIRM Community-Panel No. 371067 3900J, dated March 16, 2009), the proposed tower site is not located within a special flood hazard area as determined by FEMA.

7. **Surface Features** – Based on our on-site investigation and a review of the National Wetland Inventory map of the area, the proposed tower is not anticipated to result in a significant change or modification to surface features such as fill in jurisdictional wetlands, deforestation, or water diversion.

8. **Zoning/High Intensity White Lights** – The proposed tower is 480-feet (495-ft with appurtenances) AGL and the use of high intensity white lights should not be necessary. The proposed tower is anticipated to be equipped with a dual mode lighting system that utilizes medium intensity lights.

9A. **Radio Frequency Emissions** – Based on the specified elevation of the proposed antennas (>10 meters) and because the site will be located within a restricted area, no further study concerning radio frequency emissions is required.
Section II - FCC 620
New Tower (“NT”) Submission Packet

FCC FORM 620

Introduction

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant’s Name, Applicant’s Project Name, and Applicant’s Project Number in the lower right hand corner of each page of Form 620 and attachments.\(^3\)

1. Applicant Information

Full Legal Name of Applicant: North Carolina Highway Patrol - Department of Crime Control and Public Safety

Name and Title of Contact Person: Tanya Luter - VIPER Project Manager

Address of Contact Person (including Zip Code):
3318 Garner Rd, Building Two Raleigh, NC 27610

Phone: 919.662.4440 Fax:

E-mail address: tluter@NCSHP.ORG

2. Applicant’s Consultant Information

Full Legal Name of Applicant’s Section 106 Consulting Firm:
Environmental Services, Inc.

Name of Principal Investigator: Scott Seibel

Title of Principal Investigator: President and Senior Principal Archaeologist

Investigator’s Address: 524 South New Hope Road

\(^3\) Some attachments may contain photos or maps on which this information can not be provided.

Applicant’s Name: NC Highway Patrol
Project Name: Welcome
Project Number: HP-1354

FCC Form 620
July 8, 2011
Does the Principal Investigator satisfy the Secretary of the Interior’s Professional Qualification Standards?  
Yes: ☒  No: ☐  

Areas in which the Principal Investigator meets the Secretary for the Interior’s Professional Qualification Standards: Archaeology  

Other “Secretary of the Interior qualified” staff who worked on the Submission Packet (proved name(s) as well as well as the area(s) in which they are qualified):  

3. Site Information  

a. Street Address of Site: Old U.S. 52  

City or Township: Lexington, NC  

County/Parish: Davidson  

b. Nearest Cross Roads: Old U.S. 52/Tall Pines Road  
nc. NAD 83 Latitude/Longitude coordinates (to tenth of a second):  

N35°55′27.8″; W80°14′35.9″  

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4 The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: http://www.cr.nps.gov/local-law/arch_stnds_9.htm. The Nationwide Agreement required use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effect. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.
d. Proposed tower height above ground level: \(^5\) 480 feet; 146.304 meters

e. Tower Type:
- [ ] guyed lattice tower
- [x] self-supporting lattice
- [ ] monopole
- [ ] other (briefly describe tower)

4. Project Status:\(^6\)
   a. [x] Construction not yet commenced;
   b. [ ] Construction commenced on [date] ; or,
   c. [ ] Construction commenced on [date] and was completed on [date].

5. Applicant’s Determination of Effect:
   a. Direct Effects (check one):
      i. [x] No Historic Properties in Area of Potential Effects (“APE”) for direct effects;
      ii. [ ] “No effect” on Historic Properties in APE for direct effects;
      iii. [ ] “No adverse effect” on Historic Properties in APE for direct effects;
      iv. [ ] “Adverse effect” on one or more Historic Properties in APE for direct effects.
   b. Visual Effects (check one):
      i. [ ] No Historic Properties in Area of Potential Effects (“APE”) for visual effects;
      ii. [ ] “No effect” on Historic Properties in APE for visual effects;
      iii. [x] “No adverse effect” on Historic Properties in APE for visual effects;
      iv. [ ] “Adverse effect” on one or more Historic Properties in APE for visual effects.

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\(^5\) Include top-mounted attachments such as lightning rods.

\(^6\) Failure to provide the Submission Packet and complete the review process under Section 1006 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules. See Section X of the Nationwide Agreement.

Applicant’s Name: NC Highway Patrol
Project Name: Welcome
Project Number: HP-1354

FCC Form 620
July 8, 2011
NT SUBMISSION PACKET – FCC FORM 620

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.

_______________________
Signature

7/8/2011
Date

George T. Swearingen, III
Environmental Division Manager
Printed Name
Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OF CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Applicant’s Name: NC Highway Patrol
Project Name: Welcome
Project Number: HP-1354

FCC Form 620
July 8, 2011
Attachments

Attachment 1. Résumés/Vitae

See attached resume of Scott Seibel, Senior Principal Archeologist.

Attachment 2. Additional Site Information

The proposed 480-ft (495-ft with appurtenances) self support emergency services communications tower will be located east-southeast of Old U.S. Highway 52, north of Tall Pines Road, in central Davidson County, NC. The proposed tower site is currently occupied by previously disturbed fallow earthen land uses. The proposed access easement will proceed southeast from Old U.S. Highway 52 for approximately 75-ft until reaching the proposed fenced tower compound. The proposed access easement and fenced tower compound appear to be located within the immediate vicinity of a former residential dwelling that has since been removed. The proposed irregular shaped six-sided fenced tower compound will contain one 480-ft (495-ft with appurtenances) self support communications tower, one 11.5-ft x 24-ft equipment shelter, and 40 kw emergency Diesel generator located atop a 5.5-ft x 9.5-ft concrete pad. The proposed tower site elevation is approximately 895-ft AMSL. The parent property is located in a portion of Davidson County where the surrounding land is primarily occupied by commercial, municipal, low-density residential, agricultural, and undeveloped forested land uses.

Attachment 3. Tribal and NHO Involvement

Tower Engineering Professionals filed the proposed facility with the FCC – Tower Construction Notification System (TCNS) on 5-26-11 and was assigned TCNS# 76925. In addition, TEP personnel sent, via email or standard mail, correspondence to all the applicable tribes on 6-2-11.

Attachment 4.

TEP contacted the Davidson County Planning and Zoning Department on June 2, 2011 and invited them to be a consulting party regarding the proposed Communication Tower.

Attachment 5.

TEP placed a Public Notice in “The-Dispatch” newspaper that was advertised on June 1, 2011 and has requested any comments be delivered to TEP by July 1, 2011. Please see the attached Public Notice Affidavit.
Attachment 6.

TEP contacted the Thomasville Historic Preservation Commission and the Lexington Historic Preservation Commission on June 2, 2011 requesting any comments they may have regarding the proposed undertaking within 30 days of receipt of the correspondence.

Attachment 7.

a. The geographic area, scale and nature of the undertaking and subsequent effects of the proposed project were analyzed to determine the APE for direct effects. The determined APE for direct effects is the proposed tower compound lease area, access easement, and the proposed utility easement. The proposed access easement and fenced tower compound appear to be located within the immediate vicinity of a former residential dwelling that has since been removed. The proposed access easement will proceed southeast from Old U.S. Highway 52 for approximately 75-ft until reaching the proposed North Carolina Highway Patrol lease area. The proposed fenced tower compound, the proposed tower compound and access drive are anticipated to have a 4,226-sq. ft. (0.096-acres) total area of construction/disturbance. See attached Construction Drawings.

b. The geographic area, scale and nature of the undertaking and subsequent effects of the proposed project were analyzed to determine the APE for visual effects. Further, required background research and suggested standards by the North Carolina-State Historic Preservation Office and the FCC Nationwide Programmatic Agreement were reviewed to determine the APE for visual effects for the proposed project. The APE for visual effects is determined to be a 1.5 mile radius from the proposed 480-ft Self-Support Communications tower centerline. The determined APE for visual effects is currently primarily occupied by low-density residential, undeveloped forested, commercial, and municipal land uses.

Attachment 8. Historic Properties Identified in the APE for Visual Effects

a. Six (6) properties pursuant to Section VI.D.1.a. of the Nationwide PA were identified in the determined FCC 1.5-mile APE for visual effects within North Carolina. The Hamilton Everhart Farm (DV0157- NR) was a National Register listed farm that was reportedly demolished in the early 2000’s, Welcome Milling Company (DV0359 – SL) was a study listed property that was reportedly demolished, Welcome Railroad Station (DV0059 – SL) was a study listed property that was reportedly demolished, James P. Thomas Farm (DV0158 – SL), Welcome Historic District (DV0361 – SL), Andrew Berrier Farm (Berringer Farm) (DV0188 – SL). Additionally, four (4) Surveyed Points including the John Wesley Fishel Farm (DV0170), Joe Zimmerman Farm (DV0159), Perryman Log House (DV0156), Zimmerman – Prentis House (DV0360) were identified within the determined FCC 1.5-mile APE for Visual Effects within North Carolina.
b. As of 7/8/2011 TEP has not been made aware of any properties identified by comment in the determined APE for visual effects.

c. No listed or eligible properties that are no longer eligible were identified in the determined APE for visual effects were identified by TEP during the research at the North Carolina State Historic Preservation Office.

Attachment 9. Historic Properties Identified in the APE for Direct Effects

a. No properties listed on or eligible for listing on the National Register of Historic Places were located within the APE for direct effects. See attached Archeology Field Survey conducted by Environmental Services, Inc.

b. N/A

c. See attached Archeology Field Survey conducted by Environmental Services, Inc.

Attachment 10. Effects on Identified Properties

a. **No Adverse Effect** – Six (6) Historic Properties listed on or eligible for listing on the National Register of Historic Places were identified within the 1.5-mile APE within North Carolina. An additional four (4) Survey Properties were identified within the 1.5-mile Visual APE. However, a determination of “No Adverse Affect” was received from Mrs. Renee Gledhill-Earley, the Environmental Review Coordinator for the North Carolina State Historic Preservation Office (SHPO) on June 23, 2011.

b. None

c. This site was the primary candidate identified by the North Carolina Highway Patrol – Department of Crime Control and Public Safety, and the proposed Self Support communications tower will have no adverse effect on Historic Properties located within the identified APE.

Attachment 11. Photographs

a. See attached site photographs and attached Archeology Field Survey conducted by Environmental Services, Inc.

b. N/A

c. N/A

d. See attached Aerial photograph.
Attachment 12. Maps

a. See attached

b. See attached

c. N/A
1 June 2011

Kyle W. Crawford
Tower Engineering Professionals, Inc
Environmental Scientist II
3703 Junction Blvd.
Raleigh, NC 27603

Re: Proposed Welcome Telecommunications Facility
    Davidson County, North Carolina
    Review of Archaeological Potential

Dear Mr. Crawford:

Environmental Services, Inc. (ESI), reviewed the location of the Proposed Welcome Telecommunications Facility on Old US 52 north of Lexington in Davidson County, North Carolina, for Tower Engineering Professionals, Inc. (TEP) in order to assess the level of prior disturbance at the proposed tower location and to determine if the location had the potential to contain significant archaeological deposits (see attached Midway USGS 7.5-minute quadrangle). The proposed tower location consists of an irregularly shaped compound and an access road and parking area that combined cover an area less than 100-x-100 feet in size.

According to a preliminary site plan and photographs of the proposed tower location (see attached), the area appears to have been previously disturbed. The proposed tower location has been previously graded, possibly related to the removal of a structure, and clay subsoil is present at the ground surface. As such, the proposed tower location has no potential to contain significant cultural resources.

Based on this information, it is ESI's professional opinion that the location of Proposed Welcome Telecommunications Facility has been disturbed by previous grading activities and that the location has no potential to contain significant, intact archaeological sites. As such, it is ESI's professional opinion that no archaeological survey of the location is necessary.

If you have any questions or comments, please feel free to contact me at (919) 212-1760.

Sincerely,

[Signature]
Scott Seibel, RPA
Assistant Vice President

Welcome Telecommunications Facility
FLORIDA • GEORGIA • NORTH CAROLINA • SOUTH CAROLINA • MARYLAND • OHIO
6/1/2011
Encl.  Project Location (1)
   Design Plans (2)
   Photographs (3)
Project Location (Midway USGS 7.5-minute quadrangle)
NOTES:
1. THIS PLAN HAS BEEN PREPARED WITHOUT THE BENEFIT OF A REPORT OF TITLE.
2. THIS PLAN DOES NOT REPRESENT A TITLE SURVEY.
3. THE BASELINE AND COORDINATES FOR THIS CARTOMAP ARE BASED ON THE NAD27 WESTERN HEMISPHERE SYSTEM. THREE-DIMENSIONAL SURVEYS, BASED ON THE NAD83 GDOP OBSERVATIONS PERFORMED ON MAY 05, 2011.
4. THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN (FEMA/FIRMS ZONE MAP IDENTIFIED by T.B.D.
5. SUBJECT PI#: 113000000000035
6. PROPERTY OWNER:
DEPARTMENT OF TRANSPORTATION

WATER SUPPLY NOTE:
THE APPROVED WATER SUPPLY PER SECTION 528 OF THE NC FIRE CODE IS SATISFIED BY THE EXISTING FIRE HYPOTHEZ ON OLD US 52. THE MAXIMUM DISTANCE ALLOWED FROM THE METER TO THE SITE IS GREATER THAN THE DISTANCE SHOWN ON THIS PLAN.

PROPERTY CURVE DATA

CURVE | RADIUS | LENGTH | CHORD DIST | CHORD BEARING
--- | --- | --- | --- | ---
C1 | 999.34’ | 33.73’ | 33.73’ | NS45°37’43”

LEGEND
- EXIST. PROPERTY LINE
- ADJ. PROPERTY LINE
- PROPERTY CORNER
- IRP | IRON ROD POUND
- CM | CONCRETE MONUMENT
- EP | EXIST. UTILITY POLE
- ED | EXIST. TELEPHONE PEDESTAL
- EP | EXIST. POWER PEDESTAL
- 300 | EXIST. CONTOUR LINE
- ED | EDGE OF PAVEMENT
- OP | OVERHEAD WIRE
- CH | CHAIN LINK FENCE
- X | EXISTING TREE LINE
ANSI/TIA-222-G DESIGN NOTE:
The proposed tower shall be designed per the following parameters:
- Structure Classification: III
- Exposure Category: C
- Topographic Category: 1
- Design Wind Speed: 90 MPH (3 SEC QST), 76 MPH (FASTEST WIND)

COMPOUND DETAIL

SCALE: 1" = 10'

PROPOSED 12' ACCESS DRIVE

EXISTING GRavel AREA

PROPOSED 11' x 8' x 24' x 6' EQUIPMENT SHELTER

PROPOSED 24" WIDE ICE BREAKER

PROPOSED CONCRETE LANDING SLOPED 2' MAX AWAY FROM DOOR. GRADE UP TO LANDING

PROPOSED METAL & PORTABLE GENERATOR CONNECTION

PROPOSED DIESEL GENERATOR ON A 5' x 9' x 9' CONCRETE PAD

PROPOSED CONCRETE PAD

EXISTING HAILP TO BE REMOVED (TPF)

PROPOSED GRAVEL PAD

COMPOUND AREA (6" OF #57 STONE)

PROPOSED OPPOSITE SIDE COMPOUND AREA (6" OF #57 STONE)

PROPOSED 12' ACCESS GATE

PROPOSED 480' SELF-SUPPORT TOWER

PROPOSED FENCED TOWER COMPOUND
Proposed Tower Location, facing East.

Proposed Tower Location, facing West.
Proposed Tower Location, facing North.
PROFESSIONAL EXPERIENCE SUMMARY
Mr. Seibel is a registered professional archaeologist with over nine years experience in cultural resource management and academic archaeology. Previous cultural resource management projects include the preparation of environmental assessments, Phase I archaeological surveys, Phase II archaeological test investigations, and Phase III data recovery excavations for clients such as Departments of Transportation, the U.S. Forest Service, and municipal governments, as well as various private companies. As Archaeology Division Manager, Mr. Seibel oversees archaeological field crews, laboratory staff, and research staff, in addition to the authoring of final reports. He is heavily involved with client and regulatory agency coordination. Mr. Seibel is experienced in both prehistoric and historic archaeology, with specific expertise in lithics.

RESPONSIBILITIES WITH ENVIRONMENTAL SERVICES, INC.
Responsible for all phases of project management and development in North Carolina, South Carolina, Georgia, Tennessee, and Virginia. Specialties include Phase I archaeological surveys, Phase II archaeological significance testing, Phase III archaeological data recovery, report writing, coordination with State Historic Preservation Offices and other regulatory agencies, preparation of National Environmental Policy Act documents, and historic planning.

PRIOR EXPERIENCE
1999-Present: ENVIRONMENTAL SERVICES, INC.
1997-1999: HICKS & COMPANY, INC.
1995-1996: INSTITUTE OF CLASSICAL ARCHAEOLOGY.

PROFESSIONAL AFFILIATIONS
Registered Professional Archaeologist (RPA)
Society for American Archaeology
Southeastern Archaeological Conference
North Carolina Archaeological Council
North Carolina Archaeological Society – Board of Directors

PROJECT EXPERIENCE
Phase I Survey/Phase II Testing
Phase II Testing, Sandy Point, Chowan County, North Carolina
Phase I Survey, Honey Hill Analysis Area, Francis Marion National Forest, Berkeley and Charleston counties, South Carolina
Phase I Survey, Butterfly Analysis Area #2, Francis Marion National Forest, Berkeley and Charleston counties, South Carolina
Phase I Survey, Bay Harbor, Pamlico County, North Carolina
Phase I Survey and Phase II Testing, Wendell Falls, Wake County, North Carolina
Phase I Survey and Phase II Testing, Riversound, Chowan County, North Carolina
Phase I Survey and Phase II Testing, Bethel Creek, Perquimans County, North Carolina
Phase I Survey, Helmsdale, New Hanover County, North Carolina
Phase I Survey, New River Landing, Onslow County, North Carolina
Phase I Survey and Phase II Testing, Briar Chapel, Chatham County, North Carolina
Phase I Survey, Eden Moor, Lancaster County, South Carolina
Phase I Survey, White Oak Flats, Sevier County, Tennessee
Phase I Survey, Northside Hospital, Fulton County, Georgia
Phase I Survey, Old Mountain Road, Davidson County, North Carolina
Phase I Survey, Arlington Shores, Pamlico County, North Carolina
Phase I Survey and Architectural Reconnaissance, Smith Communications Tower, Spartanburg County, South Carolina
Phase II Testing of 31CM63/63**, Camden County, North Carolina
Phase I Survey and Architectural Reconnaissance, Bailey Communications Tower, Nottoway County, Virginia
Phase I Survey and Phase II Testing, US 64 Asheboro Bypass, Randolph County, North Carolina
Phase I Survey of Eagle Fork Timber Sale, Jackson County, North Carolina
Phase I Survey and Architectural Reconnaissance, Petska Communications Tower, New Kent County, Virginia
Phase I Survey of the West Jefferson Substation, Ashe County, North Carolina
Phase I Survey and Architectural Reconnaissance, Pennell Communications Tower, Dinwiddie County, Virginia
Phase I Survey and Architectural Reconnaissance, Havens Communications Tower, Carroll County, Virginia
Phase I Survey and Architectural Reconnaissance, Downey Communications Tower, Alleghany County, Virginia
Architectural Documentation, Vest Communications Tower, Rockbridge County, Virginia
Phase I Survey of the Dogwood Land Water and Sewer Extensions, Mitchell County, North Carolina
Phase IА Underwater Archaeological Survey, US 17 Washington Bypass, Beaufort County, North Carolina
Phase II Testing of 31CD755, Averette Borrow Pit, Cumberland County, North Carolina
Phase I Survey of the Fairview Park Expansion, Orange County, North Carolina
Phase I Survey of Bridge No. 44, Avery County, North Carolina
Phase I Survey of Bridge No. 37, McDowell County, North Carolina
Phase I Survey and Phase II Testing of Bridge No. 718, Wilkes County, North Carolina
Phase I Survey of Ford's Colony, Nash County, North Carolina
Phase I Survey and Phase II Testing at the Greene County Park, Greene County, North Carolina
Phase I Survey of Bridge 60, Stokes County, North Carolina
Phase I Survey of Bridge No. 21, Davie County, North Carolina
Phase I Survey of the K&M Landfill, Pickens and Gilmer Counties, Georgia
Phase I Survey and Phase II Testing at Happy Hill, Forsyth County, North Carolina
Phase I Survey of SR 1001, Caldwell County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase VIIIB, Currituck and Dare Counties, North Carolina
Phase I Survey of Tillery Tradition, Montgomery County, North Carolina
Phase I Survey of the Skeen and Hassell Properties, Davidson County, North Carolina
Phase I Survey and Phase II Testing of the US 17 Washington Bypass, Beaufort County, North Carolina
Phase I Survey and Phase II Testing of Sloop Point, Pender County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase V, Washington and Tyrrell Counties, North Carolina
Phase I Survey of Bridge No, 125, Cumberland County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase IIIB, Jones, Craven, and Carteret Counties, North Carolina
Phase I Survey of the Philips Tract Mitigation Area, Madison County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase IVB, Onslow, Duplin, and Pender Counties, North Carolina
Phase I Survey of the Cleveland County Municipal Landfill Expansion, Cleveland County, North Carolina
Phase I Survey of Tessetee Creek, Macon County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase IV-A, Pender and New Hanover Counties, North Carolina
Phase II Testing of 31DV24, Davidson County, North Carolina
Phase I Survey of the ENCNG Pipeline Phase IIIA, Pitt, Beaufort, Craven, Pamlico, Jones, and Onslow Counties, North Carolina
Phase II Testing, Austin Convention Center Expansion Project, Travis County, Texas

Phase III Data Recovery
Phase III Data Recovery of 31CO167/167**, Riversound, Chowan County, North Carolina
Phase III Data Recovery of 38LA560, Edenmoor, Lancaster County, South Carolina
Phase III Data Recovery of 9BI132, 9BI133, and 9BI134, Cherokee Brick and Tile Company, Bibb County, Georgia
Phase III Data Recovery of the Windsor Site (31BR201/201**), US 17 Windsor Bypass, Bertie County, North Carolina
Phase III Data Recovery of the Pierce-Harden Site (31BR192/192**), US 17 Windsor Bypass, Bertie County, North Carolina
Phase III Data Recovery of 31WA1595/1595**, Midway Plantation, Wake County, North Carolina
Phase III Data Recovery of 31PR92, Two Dogs, Person County, North Carolina
Phase III Data Recovery of 41TV441 (Toyah Bluff), Travis County, Texas

Cemetery Investigations
Cemetery Delineation and Interment Identification, Riverchase, Lancaster County, South Carolina
Cemetery Delineation, Ballyntyne Commons, Mecklenburg County, North Carolina
Cemetery Delineation, Durham Public Schools, Durham County, North Carolina
Cemetery Delineation and Architectural Survey for the Fayetteville Road Widening and Penmarc Drive Extension, Wake County, North Carolina
Other Projects
North Carolina Department of Transportation Archaeological Predictive Modeling Project – Task 2, Cabarrus, Chatham, Forsyth, Granville, Guilford, Randolph, and Wake Counties, North Carolina
North Carolina Department of Transportation Archaeological Predictive Modeling Project – Task 1, Cabarrus, Chatham, Forsyth, Granville, Guilford, Randolph, and Wake Counties, North Carolina

PUBLICATIONS

SELECTED TECHNICAL REPORTS


2001 Karbula, James W., Rachel Feit, and Timothy Griffith with contributions by Scott Seibel. Changing Perspectives on the Toyah: Data Recovery Investigations of 41TV44i; The Toyah Bluff Site, Travis County, Texas. Hicks & Company Archaeology Series No. 94, Austin, Texas.


1999 Seibel, Scott, and James W. Karbula (Editors). Peering into the Past: Historic Archival Investigations of Blocks 2, 3, 21, and 22, Downtown, Austin, Texas. Hicks & Company Archaeology Series No. 69.

TECHNICAL PAPERS


OTHER PAPERS


CONFERENCE PRESENTATIONS


ANSITIA-222-G DESIGN NOTE:
THE PROPOSED TOWER SHALL BE DESIGNED PER THE FOLLOWING PARAMETERS:

STRUCTURE CLASSIFICATION: III
EXPOSURE CATEGORY: C
TOPOGRAPHIC CATEGORY: I

DESIGN WIND SPEED: 90 MPH (3 SEC GUST), 76 MPH (FASTEST WILE)

ANTENNA MOUNT NOTE:
ANTENNA/MICROWAVE MOUNTS HAVE BEEN ORDERED FROM THE TOWER MANUFACTURER. MOUNTS SPECIFIED ON SHEET C-2 SHOULD NOT BE DUPLICATED IF EXISTING MOUNTS ARE PRESENT.

NOTES:
1. PROPOSED CABLE TO BE MOUNTED TO HANGING LADDER. VERIFY WITH TOWER MANUFACTURER THAT THE LADDER WILL BE PROVIDED WITH THE TOWER.
2. LIGHTNING ROD, TOWER LIGHTS, AND CLIMBING LADDER TO BE PROVIDED BY TOWER MANUFACTURER.
3. TOWER SHALL BE ILLUMINATED ONLY AS REQUIRED BY THE FEDERAL COMMUNICATIONS COMMISSION (FCC), THE FEDERAL AVIATION ADMINISTRATION (FAA), OR OTHER STATE OR FEDERAL AGENCY OF COMPETENT JURISDICTION.
4. TOWER SHALL BE CONSTRUCTED OF GALVANIZED STEEL OR METAL HARMLESS TO APPLICABLE STANDARDS OF THE FCC OR OTHER APPLICABLE FEDERAL OR STATE AGENCY.
5. A SINGLE SIGN, 2 FEET SQUARE, IN A VISIBLE LOCATION SHALL BE REQUIRED WITH NAME AND/ OR DUTCY ELEVATION NUMBER OF THE TOWER OWNER AND ALL COMPANIES OPERATING ON THE TOWER. NO ADVERTISING SHALL BE ATTACHED TO THE TOWER.
1. View facing southwest along Old U.S. Highway 52.

2. View facing northeast along Old U.S. Highway 52.
3. View facing southeast along the proposed access easement.

4. View facing south towards proposed tower compound lease area.
5. View facing southwest along the southern parent property boundary.

6. View facing northeast along the southern parent property boundary.
7. View facing north towards the proposed tower compound lease area.

8. View facing east towards the proposed tower compound lease area.
Your Notification has been successfully submitted to the FCC. The date for this Notification is 05/26/2011. Your Notification ID number is **76925**. Please make a note of this Notification ID — print out this page for your records. A confirmation of this submitted notification will also be emailed to the email address specified in your notification.

This system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act by providing early notification of proposed construction to Tribes and State Historic Preservation officers. This system is not to be used in place of Section 106 consultation, and use of this notification system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules.

**Please note: the submission of this notification is NOT to be considered a submission for Antenna Structure Registration.**

Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.
Dear Kyle W Crawford,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 05/26/2011

Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603-5263
Phone: 919-661-6351
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 35 deg 55 min 27.8 sec N
Longitude: 80 deg 14 min 35.9 sec W
Location Description: Old US 52
City: Lexington
State: NORTH CAROLINA
County: DAVIDSON
Ground Elevation: 272.8 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 150.9 meters above ground level
Overall Height AMSL: 423.7 meters above mean sea level
From: towernotifyinfo@fcc.gov
Sent: Friday, June 03, 2011 3:01 AM
To: Kyle Crawford
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2814601

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Chief Leo R Henry - Tuscarora Nation - Via: Lewiston, NY - regular mail
Details: If the Applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction.

2. Policy Analyst Richard L Allen - Cherokee Nation - Tahlequah, OK - electronic mail
Details: The TCNS Details do not provide me enough information to conduct a proper assessment of the projects on behalf of the Cherokee Nation. Therefore, I request that I be sent a brief summary of the Phase I findings [please try to limit the summary to between1--10 pages], a topo of the area, and relevant photos. Please send these by email to rallen@cherokee.org. Please treat this request for additional material as a routine supplement to the TCNS Details Notification for each of your projects that fall within our Tribe's areas of geographic interest. Consequently, if you do not receive a response from me within 30 days from the date on which you e-mailed the supplemental items to me, you may move forward with the 20-Day Letter procedures pursuant to the FCC’s guidelines. Thank you. -- Dr. Richard L. Allen

3. Administrative Assistant Jo Ann Beckham - Eastern Shawnee Tribe of Oklahoma - Seneca, MO - electronic mail
Details: If you, the Applicant and/or tower constructor, do not receive a response from us, the Eastern Shawnee Tribe of Oklahoma, within 30 days from the date of the TCNS notification, then you may conclude that we do not have an interest in the site. However, if archeological resources or remains are found during construction, you must immediately stop construction and notify us of your findings in accordance with the FCC's rules. (See 47 C.F.R. § 1.1312(d))

4. THPO Kim Jumper - Shawnee Tribe - Miami, OK - regular mail
Details: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 14 January 2008. Please call Kim Jumper, THPO, at 918-542-2441, so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). THPO Kim Jumper manages all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain an original Shawnee Tribe signature. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain a signature, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System’s weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notificationas completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated
on 14 January 2008 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION, INQUIRIES, OR CORRESPONDENCE VIA E-MAIL.

5. THPO and Executive Director Dr. Wenonah G Haire - Catawba Indian Nation Cultural Preservation Project - Rock Hill, SC - electronic mail and regular mail
Details: The Catawba Indian Nation Tribal Historic Preservation Office requests that you send us by regular mail the following information needed to complete our research for the your proposed project:

Project Name____________________________________________________
Project Number__________________________________________________

___1. The name, complete address, phone number, fax number and e-mail address of the project manager.
___2. The project location plotted on a topo map.
___3. The project name, address and location; street or highway, city, county, state.
___4. A brief description of the proposed project. Please include the size of the proposed project site and the size of the area where ground-disturbing activities will be taking place and the type of disturbance anticipated.
___5. A brief description of current and former land use. We are primarily interested in ground disturbance and do not need detailed information or photographs of historic structures in the project area.
___6. A list of all recorded archaeological sites within one half (1/2) mile of the project area.
___7. A list of all eligible and potentially eligible National Register of Historic Places sites within one half (1/2) mile of the proposed project area.
___8. If there has been an archaeological survey done in the area, a copy of that report.
___9. It is not necessary to send original color photos if you can provide high-resolution color copies.
___10. A letter of concurrence from the appropriate State Historic Preservation Office.

If you use the FCC Form 620, please do not send Attachments 1 through 6. They are not necessary for our determination. We do not have an interest in projects that require no ground disturbance.

Please note: Our research/processing fee is currently $150. This fee will be changing effective January 1, 2011 to $250.

Please send these requested materials in hard copy format. Send to:
The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

6. Environmental Review Coordinator Renee GledhillEarley - NC State Historic Preservation Office - Raleigh, NC - electronic mail

7. Deputy SHPO David Brook - Historic Preservation Office - Raleigh, NC - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 05/26/2011
Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh  
State: NORTH CAROLINA  
Zip Code: 27603-5263  
Phone: 919-661-6351  
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower  
Latitude: 35 deg 55 min 27.8 sec N  
Longitude: 80 deg 14 min 35.9 sec W  
Location Description: Old US 52  
City: Lexington  
State: NORTH CAROLINA  
County: DAVIDSON  
Ground Elevation: 272.8 meters  
Support Structure: 146.3 meters above ground level  
Overall Structure: 150.9 meters above ground level  
Overall Height AMSL: 423.7 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:


You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,  
Federal Communications Commission
Section III – Informal Biological Assessment
1. Location (Provide maps if possible):
   State: NC
   County: Davidson
   Latitude/Longitude/GPS Grid: N 35º 55' 27.84"  W 80º 14' 35.94"
   City and Highway Direction (2 miles W on Hwy 20, etc.): Old U.S. 52,
   Lexington, NC 27374

2. Elevation above mean sea level: ~895-ft.

3. Will the equipment be co-located on an existing FCC licensed tower or other
   existing structure (building, water tank, etc)? Y/N NO   If yes, type of structure:

4. If yes, will the compound be expanded:
   If yes, will the tower be extended:

5. If No, provide proposed specifications for the new tower:
   Height: 480-ft (495-ft with appurtenances)
   Construction Type (lattice, monopole, etc.): Self Support Lattice
   Guyed-Wire? NO No. Bands: N/A Total No. Wires:N/A
   Lightning (Security and Aviation): anticipated to be equipped with a dual mode
   medium intensity lighting system.

6. Area of tower footprint in acres or square feet: According to preliminary zoning
   drawings the area of construction is anticipated to be ~4,226-sq. ft.

7. Length and width of access road in feet:
   Length: The proposed access easement will proceed southeast from Old U.S.
   Highway 52 for approximately 75-ft until reaching the proposed fenced tower
   compound.
   Width: ~12-ft

8. General description of terrain (mountains, rolling hills, flat, flat in undulating,
   etc.). Photographs of the site and surrounding area are beneficial: Sloping to the
   east

9. Meteorological conditions (incidence of fog, low ceilings, rain, etc.): sunny

10. Habitat types and land use on and adjacent to the site:
    Habitat Type: Fallow
        Acreage: Percentage of Total: 100
Adjacent land use: commercial, low density residential, and undeveloped forested.

11. Dominant vegetative species in each habitat type:
   Fallow - Fescue

12. Average diameter breast height of dominant tree species in forested areas:
   Tree species: Diameter (inches):
   Red Maple 10-14

13. Will construction at this site cause fragmentation of a larger block of habitat into two or more smaller blocks? Y/N NO If yes, describe: the proposed tower site is located within the central portion of a previously disturbed property.

14. Is evidence of bird roosts or rookeries present? Y/N NO If yes, describe: ____

15. Distance to nearest wetland area (forested swamp, marsh, riparian, marine, etc.), and coastline, if applicable: Unnamed tributary less than 0.5 mile to the northeast

16. Distance to nearest telecommunications tower: None observed at time of inspection

17. Potential for co-location of antennas on existing towers or other structures: No

18. Have measures been incorporated for minimizing impacts to migratory birds? Y/N NO If yes, describe:

19. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulations at 47 CFR 1.1307(a)(3)? Y/N If yes, present findings: During the on-site investigation, TEP observed no occurrences of Federally Listed Threatened or Endangered Species for Davidson County. It is the opinion of TEP that the proposed facility will not effect threatened or endangered species.

20. Additional information required: ____
**Endangered Species, Threatened Species, Federal Species of Concern, and Candidate Species,**

**Davidson County, North Carolina**

*Updated: 09-22-2010*

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific name</th>
<th>Federal Status</th>
<th>Record Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vertebrate:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bald eagle</td>
<td><em>Haliaeetus leucocephalus</em></td>
<td>BGPA</td>
<td>Current</td>
</tr>
<tr>
<td>Bog turtle</td>
<td><em>Clemmys muhlenbergii</em></td>
<td>T (S/A)</td>
<td>Probable/potential</td>
</tr>
<tr>
<td>Carolina darter</td>
<td><em>Etheostoma collis collis</em></td>
<td>FSC</td>
<td>Current</td>
</tr>
<tr>
<td>Eastern small-footed bat</td>
<td><em>Myotis leibii</em></td>
<td>FSC</td>
<td>Current</td>
</tr>
<tr>
<td><strong>Invertebrate:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Vascular Plant:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Georgia aster</td>
<td><em>Symphyotrichum georgianum</em></td>
<td>C</td>
<td>Current</td>
</tr>
<tr>
<td>Prairie birdsfoot-trefoil</td>
<td><em>Lotus unifoliolatus var. helleri</em></td>
<td>FSC</td>
<td>Current</td>
</tr>
<tr>
<td>Schweinitz's sunflower</td>
<td><em>Helianthus schweinitzii</em></td>
<td>E</td>
<td>Current</td>
</tr>
<tr>
<td><strong>Nonvascular Plant:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lichen:</strong></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Definitions of Federal Status Codes:**

- **E** = endangered. A taxon "in danger of extinction throughout all or a significant portion of its range."
- **T** = threatened. A taxon "likely to become endangered within the foreseeable future throughout all or a significant portion of its range."
- **C** = candidate. A taxon under consideration for official listing for which there is sufficient information to support listing. (Formerly "C1" candidate species.)
- **BGPA** = Bald and Golden Eagle Protection Act. See below.
- **FSC** = federal species of concern. A species under consideration for listing, for which there is insufficient information to support listing at this time. These species may or may not be listed in the future, and many of these species were formerly recognized as "C2" candidate species.
- **T(S/A)** = threatened due to similarity of appearance. A taxon that is threatened due to similarity of appearance with another listed species and is listed for its protection. Taxa listed as T(S/A) are not

2/23/2011
biologically endangered or threatened and are not subject to Section 7 consultation. See below.

EXP = experimental population. A taxon listed as experimental (either essential or nonessential). Experimental, nonessential populations of endangered species (e.g., red wolf) are treated as threatened species on public land, for consultation purposes, and as species proposed for listing on private land.
P = proposed. Taxa proposed for official listing as endangered or threatened will be noted as "PE" or "PT", respectively.

**Bald and Golden Eagle Protection Act (BGPA):**

In the July 9, 2007 Federal Register (72:37346-37372), the bald eagle was declared recovered, and removed (de-listed) from the Federal List of Threatened and Endangered wildlife. This delisting took effect August 8, 2007. After delisting, the Bald and Golden Eagle Protection Act (Eagle Act) (16 U.S.C. 668-668d) becomes the primary law protecting bald eagles. The Eagle Act prohibits take of bald and golden eagles and provides a statutory definition of "take" that includes "disturb". The USFWS has developed National Bald Eagle Management Guidelines to provide guidance to land managers, landowners, and others as to how to avoid disturbing bald eagles. For more information, visit [http://www.fws.gov/migratorybirds/baldeagle.htm](http://www.fws.gov/migratorybirds/baldeagle.htm)

**Threatened due to similarity of appearance (T(S/A)):**

In the November 4, 1997 Federal Register (55822-55825), the northern population of the bog turtle (from New York south to Maryland) was listed as T (threatened), and the southern population (from Virginia south to Georgia) was listed as T(S/A) (threatened due to similarity of appearance). The T(S/A) designation bans the collection and interstate and international commercial trade of bog turtles from the southern population. The T(S/A) designation has no effect on land management activities by private landowners in North Carolina, part of the southern population of the species. In addition to its official status as T(S/A), the U.S. Fish and Wildlife Service considers the southern population of the bog turtle as a Federal species of concern due to habitat loss.

**Definitions of Record Status:**

Current - the species has been observed in the county within the last 50 years.
Historic - the species was last observed in the county more than 50 years ago.
Obscure - the date and/or location of observation is uncertain.
Incidental/migrant - the species was observed outside of its normal range or habitat.
Probable/potential - the species is considered likely to occur in this county based on the proximity of known records (in adjacent counties), the presence of potentially suitable habitat, or both.
1 record(s) found within 2 miles of the selected point

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>EO Nb</th>
<th>Common Name</th>
<th>Date Last Observed</th>
<th>EO Rank</th>
<th>EO Accuracy</th>
<th>State Protection Status</th>
<th>Federal Protection Status</th>
<th>State Rank</th>
<th>Global Rank</th>
<th>Habitat Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Myotis leibii</em></td>
<td>26</td>
<td>Eastern Small-footed Myotis</td>
<td>1994-Post</td>
<td>E</td>
<td>Very Low</td>
<td>SC</td>
<td>FSC</td>
<td>S3</td>
<td>G3</td>
<td>Roosts in hollow trees (warmer months), in caves and mines (winter)</td>
</tr>
</tbody>
</table>

Myotis leibii

Eastern Small-footed Myotis

1994-Post

E

Very Low

SC

FSC

S3

G3

Roosts in hollow trees (warmer months), in caves and mines (winter)
Section IV - NEPA Supporting Documentation
Communications Tower Review Form

I. Applicant Information:
Preparer/Company: George Swearengen/Tower Engineering Professionals, Inc.
Address: 3703 Junction Blvd Raleigh, NC 27603
Phone/Fax/E-mail: (919) 661-6351/(919) 661-6350/gswearengen@topgroup.net

II. Tower Information:
(Attach copy of USGS map or photocopy of quad on reverse; include 1 and 2 mile radius around site)

X Raw Land (New) Co-Location
Applicant's Identification #: HP-1354

Address: Old U.S. 52, Lexington, NC
County: Davidson, North Carolina
FCC Registration No.

Tower type and height: 490-ft SST
495-ft with appurt.
Quad Name: Midway

III. Identification of Historic Properties

List sites by site number and status: NR = National Register listed; SL = Study List; DOE = Determination of Eligibility; LD = Local Designation; UA = Unassessed

Archaeology
# of recorded sites in immediate area of tower: 6

Archaeology

# of recorded sites within 1.5 mile radius: 10
1. DV0157 NR - Hamilton Everhart Farm (Gone)
2. DV0158 SL - James P. Thomas Farm
3. DV0359 SL - Welome Milling Company (Gone)
4. DV0361 SL - Welome Historic District
5. DV0359 SL - Welome Railroad Station (Gone)
6. DV0188 SL - Andrew Bernier Farm (Berringer Farm)

Architecture

Surveyed Points
1. DV0170 - John Wesley Fishe Farm
2. DV0159 - Joe Zimmerman Farm
3. DV0156 - Perryman Log House
4. DV0360 - Zimmerman - Prentis House (Gone?)

Balloon Test
Recommended by/on: (Survey & Planning Branch)

IV. Additional Information/Investigation Needed:

No Survey
No Testing of sites

Recommended by/on: June 23/11
(Office of State Archaeology)

V. Recommendations/Final Determination:

Recommendations for additional work are shown above.

K The proposed communication tower will Not Adversely affect historic properties in the area of potential effect.

Renee Gledhill-Earley, Environmental Review Coordinator

Date 6.23.11

cc: FCC

February, 2001
June 6, 2011

Mr. Andrew B. Blake, Environmental Scientist
Tower Engineering Professionals
3703 Junction Boulevard
Raleigh, NC 27603-5263

Re: Proposed 480-ft Self Supporting Communication Tower
   NC Highway Patrol Site: Welcome
   FCC TCNS # 76925
   Old U.S. 52
   Lexington, NC
   (Davidson County)

Dear Mr. Blake:

This is in response to your letter of June 2, 2011 concerning the above subject.

The subject property is not in the area of significance of the Thomasville Historic Preservation Commission which consists of the City Thomasville and its small surrounding extraterritorial jurisdiction. Consequently we will have no comment concerning the effect that the proposed tower construction may have on sites eligible for or listed in the National Register of Historic Places.

In the event you have not already done so let me suggest that you contact the Lexington Historic Preservation Commission and the Davidson County Planning Department.

If you have questions you may contact me at 336-906-5272 or patbillcol@northstate.net

Sincerely,

Bill Colonna
Bill Colonna, AICP
Consulting Staff
Thomasville Historic Preservation Commission

Preserving the character of Historic Thomasville; keeping pace with the Future.
1. Site ID: DV0157-NR
   County: Davidson
   Site Name: Hamilton Everhart Farm (Gone)
   Description: Ca. 1860 2-story weatherboarded log house and log outbuildings
   Notes: Buildings demolished early 2000’s
   Year Listed: 1984

2. Site ID: DV0158-SL
   County: Davidson
   Site Name: James P. Thomas Farm
   Description:
   Notes:
   Year SL: 1983
   Year DOE: Null

3. Site ID: DV0359- SL
   County: Davidson
   Site Name: Welcome Milling Company (Gone)
   Description: roller mill
   Notes: Destroyed
   Year SL: 1990
   Year DOE:

4. Site ID: DV0361- SL
   County: Davidson
   Site Name: Welcome Historic District
   Description:
   Notes: Eligibility in question
   Year SL: 1980
   Year DOE:

5. Site ID: DV0059- SL
   County: Davidson
   Site Name: Welcome Railroad Station (Gone)
   Description:
   Notes: Destroyed
   Year SL: 1980
   Year DOE:
6. Site ID: DV0188- SL
   County: Davidson
   Site Name: Andrew Berrier Farm (Berringer Farm)
   Description:
   Notes:
   Year SL: 1983
   Year DOE: Null

Surveyed Points

1. Site ID: DV0170
   County: Davidson
   Site Name: John Wesley Fishel Farm
   Description:
   Notes:
   Year Survey: 1981
   Year Update:

2. Site ID: DV0159
   County: Davidson
   Site Name: Joe Zimmerman Farm
   Description:
   Notes:
   Year Survey: 1981
   Year Update:

3. Site ID: DV0156
   County: Davidson
   Site Name: Perryman Log House
   Description:
   Notes:
   Year Survey: 1981
   Year Update:

4. Site ID: DV0360
   County: Davidson
   Site Name: Zimmerman-Prentis House (Gone?)
   Description:
   Notes:
   Year Survey: 1981
   Year Update:
AFFIDAVIT OF PUBLICATION

STATE OF NORTH CAROLINA
LEXINGTON, NC June 1, 2011

DAVIDSON COUNTY


PUBLICATION FEE: $47.11

Lynn Bowers

SWORN TO AND SUBSCRIBED BEFORE ME, THIS 1 DAY OF June 2011

Jamie McD... MY COMMISSION EXPIRES 2-10-11

Ad Copy:

Public Notice:
The North Carolina Department of Crime Control and Public Safety proposes the construction of a 480-ft Self Support Emergency Services Tower located east-southeast of Old U.S. Highway 52, north of Tall Pines Road in Davidson County, NC. (PIN# 11302000000035). Please submit any written comments by 7/1/11 regarding the potential effects that the proposed tower may have on Historic Properties that are listed or eligible for inclusion in the National Register of Historic Places to: Tower Engineering Professionals, Inc. (Attn: George Swearingen) 3703 Junction Blvd. Raleigh, NC 27603 Telephone: (919) 661-6351 Fax: (919) 661-6350

June 1, 2011
June 1, 2011

Mr. Andrew B. Blake
Tower Engineering Professionals
3703 Junction Boulevard
Raleigh, NC 27603-5263

Dear Mr. Blake:


Proposed Project. As stated in your letter, the proposed tower will be about 495 feet high (with appurtenances) and will be of a self-supporting lattice design. The project will also include the construction of an equipment shelter and generated built on a concrete pad. The tower is expected to be equipped with dual-mode medium intensity lighting system. The tower will be placed in an approximately 0.07-acre compound in a heavily disturbed area. The new access road will be about 75 feet long.

Endangered Species. Based on the information provided in your letter, we concur with your conclusion that the proposed communications tower will not affect any federally listed endangered or threatened species, any formally designated critical habitat, or any species currently proposed for federal listing under the Act. Therefore, we believe the requirements of section 7 of the Act have been satisfied. We remind you that obligations under section 7 must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered, (2) this action is subsequently modified in a manner that was not considered in this review, or (3) a new species is listed or critical habitat is determined that may be affected by the identified action.

Migratory Birds. As you are undoubtedly aware, communications towers (including radio, television, cellular, and microwave) can pose a hazard to both resident and migratory birds, especially birds that migrate at night. We are especially concerned about the cumulative effects to migratory birds, particularly the some 350 species that migrate at night, from the increasing
number of towers being built by the communications industry (increasing at an estimated 6 to
8 percent annually). Towers 200 feet high and taller, such as the one you are proposing, are
particularly hazardous, and those with lighting (as we assume this will be) have even higher rates
of avian mortality. Estimated mortality rates from communications towers are well over
5 million birds per year nationally, which violates the spirit and intent of the MBTA and the
Code of Federal Regulations at Part 50 (designed to implement the MBTA). Some of the species
affected are also protected under the Endangered Species Act and the Bald and Golden Eagle
Act.

The MBTA (16 U.S.C. 703-712) prohibits the taking, killing, possession, transportation, and
importation of migratory birds, their eggs, parts, and nests, except when specifically authorized
by the Department of the Interior. While the MBTA has no provisions for allowing incidental
take, we recognize that some migratory birds may be killed at structures such as communications
towers even if all reasonable measures to avoid harm to them are implemented.

To minimize avian strikes on this tower, we recommend the following mitigative measures.
These guidelines have been developed by U.S. Fish and Wildlife Service (Service) personnel
from research conducted in several eastern, midwestern, and southern states and have been
refined through regional review. They are based on the best information available at this time
and are the most prudent and effective measures for avoiding bird strikes at towers. As new
information becomes available, these guidelines will be updated accordingly.

Communications Tower Construction Guidelines to Protect Migratory Birds:

- Collocate equipment on existing towers (or other structure) if at all possible.
- Build the structure less than 199 feet above ground level and without guy wires if
  at all possible.
- If constructing multiple towers, address the cumulative impacts of all those
towers to migratory birds and to endangered and threatened species.
- If at all possible, site new towers within existing “antenna farms” (clusters of
towers). Towers should not be sited near wetlands, other known bird
  concentration areas (e.g., state or federal wildlife refuges, staging areas,
  rookeries), in known migratory or daily movement flyways, or in the habitat of
  endangered or threatened species. Towers should not be sited in areas with a high
  incidence of fog, mist, or low ceilings.
- Construct towers so they can accommodate possible future collocations of
  antennas.
- Use red or white (preferable) strobe lights instead of flashing lights. The use of
  solid red or pulsating red warning lights at night should be avoided; current
research indicates that these lights attract birds at a much higher rate than white strobe lights.

- Use the minimum amount of lighting, the minimum intensity of lighting, and the minimum number of strobe flashes allowed with the minimum strobe flash duration under Federal Communications Commission/Federal Aviation Administration regulations.

- Minimize security lighting for on-ground facilities and ensure that such lighting points downward or is down-shielded.

- Illuminate the tower with additional daytime white strobes (in addition to the tower top) to further increase the visibility of the tower to birds and thereby decrease the potential for blind strikes.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes and to identify any recurring problems with their implementation that may necessitate modifications, please advise us of the final location and specifications of the proposed tower and which of the above recommendations are implemented. If any of the reasonable measures cannot be implemented, please explain why they are not feasible.1

As mentioned previously, the take of even one bird may constitute a violation of the MBTA. However, issuance of a permit is problematic as the number and species of birds that might be “taken” are unknown and likely inconsistent.2 We recommend a monitoring program to examine site-specific avian migration at the tower site as well as the collection of birds from tower-induced mortality. This study will help clarify the actual impacts of this and other similar towers to avian mortality and also will help us recommend measures to reduce or eliminate any particular risks identified. Sampling should be focused during times of peak bird migration (April and September) and after significant weather events (storms and fog). We are available to assist in the design of a monitoring plan.

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1A Communications Tower Working Group composed of government agencies, industry, academic researchers, and environmental organizations has been formed to develop and implement a research protocol to determine the best ways to construct and operate towers to prevent bird strikes. Until the research is completed or until research efforts uncover significant new mitigative measures, the guidelines listed above will be used to mitigate and minimize bird strikes.

2The Service’s Division of Law Enforcement carries out its mission to protect migratory birds not only through investigation and enforcement but also through fostering relationships with individuals and industries who proactively seek to eliminate their impacts on migratory birds. While it is not possible under the MBTA to absolve individuals or companies from liability, if they follow these recommended guidelines, the Division of Law Enforcement and the Department of Justice have used enforcement and prosecutorial discretion in the past regarding individuals or companies who have made good-faith efforts to avoid the take of migratory birds.
To assist us in assessing the effects of bird strikes to towers of this nature in this area, we request written permission for our employees and/or designees to access the property at the base of the tower to inspect for avian mortality. Access might occur at regular or random intervals and/or following weather events known to induce avian strikes.

Thank you for informing us about this proposed project. If you have any questions about our comments, please contact Mr. Allen Ratzlaff of our staff at 828/258-3939, Ext. 229. In any future correspondence pertaining to this project, please reference our Log Number 4-2-11-229.
June 1, 2011

Mr. Allen Ratzlaff
U.S. Fish & Wildlife Service
160 Zillicoa Street
Asheville, NC 28801

Re: North Carolina Department of Crime Control and Public Safety allowing the United States Department of Interior: Fish and Wildlife Service (USFWS) access to the 495-ft Self Supporting Communications Tower at the Old U.S. Highway 52, North of Tall Pines Road (aka Welcome DOT tower) in Davidson County, NC (N35° 55' 27.84" W80° 14' 35.94") Log Number 4-2-11-229

Dear Mr. Ratzlaff:

The North Carolina Department of Crime Control & Public Safety will allow the U.S. Fish and Wildlife Service (USFWS) to access the restricted area surrounding the proposed Welcome DOT tower site upon the completion of proposed tower construction for the sole purpose of avian mortality surveys. Due to the USFWS concerns expressed in a letter dated 06/01/2011 regarding the proposed 495-ft self-supporting tower’s potential effect on Migratory birds; the N.C. Dept. of Crime Control and Public Safety will grant the USFWS permission to conduct surveys for dead birds within the Communications tower property. The Communications tower property will be restricted to the fenced compound surrounding the aforementioned tower and the necessary ground equipment.

Access to the property for the purpose of conducting the avian mortality surveys will be restricted to USFWS personnel. In addition, the N.C. Dept. of Crime Control and Public Safety will also require that Tanya Luter of the N.C. Dept. of Crime Control and Public Safety be informed of any proposed surveys at least 72 hours in advance of any surveys conducted. She can be reached via phone at 919-662-4440 or email tluter@ncshp.org. N.C. Dept. of Crime Control and Public Safety personnel will accompany USFWS personnel to the site for the purpose of providing access to restricted areas.

Sincerely,

Captain R.V. West
N.C. State Highway Patrol
Wayne County

ZURICH BOG
Zurich Bog is a good example of northern sphagnum bog and bog forest vegetation, both of which are uncommon in north-central New York. Designated: 1973. Ownership: Private.

Westchester County

MIANUS RIVER GORGE

NORTH CAROLINA (13)

Alleghany County

STONE MOUNTAIN

Ashe County

LONG HOPE CREEK SPRUCE BOG
(extends into Watauga County) Long Hope Creek Spruce Bog is one of the rarest plant communities in North Carolina and the Southeast, including plant species such as American yew and buckbean. Designated: 1974. Ownership: Private.

MOUNT JEFFERSON STATE NATURAL AREA

Beaufort County

GOOSE CREEK STATE PARK NATURAL AREA
Goose Creek State Park Natural Area is an excellent example of a gently sloping mainland undergoing rapid ocean transgression. The site contains several diverse ecological communities including: brackish creeks and marshes, marsh transition areas, river swamp forest, and pine forest. Designated: 1980. Ownership: State.
Brunswick County

GREEN SWAMP

Green Swamp is the largest and most unique mosaic of wetland communities in the Carolinas and is a refuge for rare plant and animal species. Designated: 1974. Ownership: Private.

SMITH ISLAND  
(extends into New Hanover County)

Smith Island, located within Fort Fisher State Recreation Area, is a barrier island complex representing one of the least disturbed areas remaining on the Atlantic Coast. The site contains one of the best unaltered examples of sand strand forest in existence, and a system of sand dunes. Salt marshes, tidal creeks, bays, and mudflats are used extensively by aquatic birds, and island beaches provide breeding habitat for loggerhead turtles. Designated: 1967. Ownership: State.

Dare County

NAGS HEAD WOODS AND JOCKEY’S RIDGE


Davie County

ORBICULAR DIORITE


Hyde County

SALYER’S RIDGE NATURAL AREA

Salyer’s Ridge Natural Area, located within the Mattamuskeet National Wildlife Refuge, contains a rare example of mature loblolly pine forest in process of succession towards a deciduous forest. Designated: 1983. Ownership: Federal.

New Hanover County

SMITH ISLAND  
(see Brunswick County)

Onslow County

BEAR ISLAND

Bear Island, located within Hammocks Beach State Park, contains one of the largest and best examples of coastal eolian landforms in the Atlantic Coastal Plain biophysical province. Dune movement has created a dynamic landscape of outstanding scenic beauty. Designated: 1980. Ownership: State.
Surry County

PILOT MOUNTAIN

Wake County

PIEDMONT BEECH NATURAL AREA
Piedmont Beech Natural Area, located within William B. Umstead State Park, is one of the best examples of mixed mesophytic forest in the eastern Piedmont of North Carolina. Portions of the site contain unusual examples of good, maturing stands of beech. Designated: 1974. Ownership: State.

Watauga County

LONG HOPE CREEK SPRUCE BOG (see Ashe County)

Wilkes County

STONE MOUNTAIN (see Alleghany County)

Yancey County

MOUNT MITCHELL STATE PARK
Mount Mitchell, located within Mount Mitchell State Park, is the highest mountain in the eastern half of the United States at 6,684 feet. The site supports the most extensive stand of Fraser fir remaining in the country. Designated: 1974. Ownership: State.

NORTH DAKOTA (4)

Billings County

TWO-TOP MESA AND BIG TOP MESA
Located one mile apart, Two-Top Mesa and Big Top Mesa are in a badlands terrain of sandstones, siltstones and clay. The mesas are characterized by an unbroken cover of grass on flat relief. Designated: 1965. Ownership: Federal.

Cavalier County

RUSH LAKE
A large shallow, essentially undisturbed prairie pothole lake, Rush Lake is an important staging area for waterfowl. Designated: 1975. Ownership: Private.
Your Notification has been successfully submitted to the FCC. The date for this Notification is 05/26/2011. Your Notification ID number is **76925**. Please make a note of this Notification ID — print out this page for your records. A confirmation of this submitted notification will also be emailed to the email address specified in your notification.

This system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act by providing early notification of proposed construction to Tribes and State Historic Preservation officers. This system is not to be used in place of Section 106 consultation, and use of this notification system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules.

**Please note: the submission of this notification is NOT to be considered a submission for Antenna Structure Registration.**

Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.
Dear Kyle W Crawford,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 05/26/2011

Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603-5263
Phone: 919-661-6351
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 35 deg 55 min 27.8 sec N
Longitude: 80 deg 14 min 35.9 sec W
Location Description: Old US 52
City: Lexington
State: NORTH CAROLINA
County: DAVIDSON
Ground Elevation: 272.8 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 150.9 meters above ground level
Overall Height AMSL: 423.7 meters above mean sea level
Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Chief Leo R Henry - Tuscarora Nation - Via: Lewiston, NY - regular mail
   Details: If the Applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction.

2. Policy Analyst Richard L Allen - Cherokee Nation - Tahlequah, OK - electronic mail
Details: The TCNS Details do not provide me enough information to conduct a proper assessment of the projects on behalf of the Cherokee Nation. Therefore, I request that I be sent a brief summary of the Phase I findings [please try to limit the summary to between1--10 pages], a topo of the area, and relevant photos. Please send these by email to rallen@cherokee.org. Please treat this request for additional material as a routine supplement to the TCNS Details Notification for each of your projects that fall within our Tribe's areas of geographic interest. Consequently, if you do not receive a response from me within 30 days from the date on which you e-mailed the supplemental items to me, you may move forward with the 20-Day Letter procedures pursuant to the FCC's guidelines. Thank you. -- Dr. Richard L. Allen

3. Administrative Assistant Jo Ann Beckham - Eastern Shawnee Tribe of Oklahoma - Seneca, MO - electronic mail
Details: If you, the Applicant and/or tower constructor, do not receive a response from us, the Eastern Shawnee Tribe of Oklahoma, within 30 days from the date of the TCNS notification, then you may conclude that we do not have an interest in the site. However, if archeological resources or remains are found during construction, you must immediately stop construction and notify us of your findings in accordance with the FCC's rules. (See 47 C.F.R. § 1.1312(d))

4. THPO Kim Jumper - Shawnee Tribe - Miami, OK - regular mail
Details: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 14 January 2008. Please call Kim Jumper, THPO, at 918-542-2441, so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). THPO Kim Jumper manages all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain an original Shawnee Tribe signature. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain a signature, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notification as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated
on 14 January 2008 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder’s responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION, INQUIRIES, OR CORRESPONDENCE VIA E-MAIL.

5. THPO and Executive Director Dr. Wenonah G Haire - Catawba Indian Nation Cultural Preservation Project - Rock Hill, SC - electronic mail and regular mail

Details: The Catawba Indian Nation Tribal Historic Preservation Office requests that you send us by regular mail the following information needed to complete our research for the your proposed project:

Project Name____________________________________________________

Project Number________________________________________________

____1. The name, complete address, phone number, fax number and e-mail address of the project manager.

____2. The project location plotted on a topo map.

____3. The project name, address and location; street or highway, city, county, state.

____4. A brief description of the proposed project. Please include the size of the proposed project site and the size of the area where ground-disturbing activities will be taking place and the type of disturbance anticipated.

____5. A brief description of current and former land use. We are primarily interested in ground disturbance and do not need detailed information or photographs of historic structures in the project area.

____6. A list of all recorded archaeological sites within one half (1/2) mile of the project area.

____7. A list of all eligible and potentially eligible National Register of Historic Places sites within one half (1/2) mile of the proposed project area.

____8. If there has been an archaeological survey done in the area, a copy of that report.

____9. It is not necessary to send original color photos if you can provide high-resolution color copies.

____10. A letter of concurrence from the appropriate State Historic Preservation Office.

If you use the FCC Form 620, please do not send Attachments 1 through 6. They are not necessary for our determination. We do not have an interest in projects that require no ground disturbance.

Please note: Our research/processing fee is currently $150. This fee will be changing effective January 1, 2011 to $250.

Please send these requested materials in hard copy format. Send to:
CIN-THPO  
1536 Tom Steven Road  
Rock Hill, S.C. 29730

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

6. Environmental Review Coordinator Renee Gledhill-earley - NC State Historic Preservation Office - Raleigh, NC - electronic mail

7. Deputy SHPO David Brook - Historic Preservation Office - Raleigh, NC - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 05/26/2011
Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603-5263
Phone: 919-661-6351
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 35 deg 55 min 27.8 sec N
Longitude: 80 deg 14 min 35.9 sec W
Location Description: Old US 52
City: Lexington
State: NORTH CAROLINA
County: DAVIDSON
Ground Elevation: 272.8 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 150.9 meters above ground level
Overall Height AMSL: 423.7 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:


You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission
Your referral of Notification ID number **76925** has been successfully submitted to the FCC. The date for this referral is 07/13/2011. Please print out this page for your records. A confirmation of this submitted referral will also be emailed to the email address specified in your submission.
Dear Kyle W Crawford,

Your referral of a proposed tower structure notification has been successfully submitted via the Tower Construction Notification System. The Federal Communications Commission (FCC) will be processing this referral for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages, and Native Hawaiian Organizations as specified by Section IV.G of the Nationwide Programmatic Agreement and the Declaratory Ruling of October 6, 2005. You will receive a Proposed Construction of Communications Facilities Notification of Final Contacts when the FCC has completed processing this referral. Below are the details you provided in the referral of the tower you have proposed to construct:

Notification Received: 05/26/2011
Notification Referred: 07/13/2011

Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603-5263
Phone: 919-661-6351
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 35 deg 55 min 27.8 sec N
Longitude: 80 deg 14 min 35.9 sec W
Location Description: Old US 52
City: Lexington
State: NORTH CAROLINA
County: DAVIDSON
Ground Elevation: 272.8 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 150.9 meters above ground level
Overall Height AMSL: 423.7 meters above mean sea level

Entities Who Have Not Responded:
Cherokee Nation
   First Contact Date: 06/02/2011
   Second Contact Date: 6/2/2011

**Note that the FCC will assign a unique Notification ID number for a site where the initial contact was not made through TCNS. You will need to reference this Notification ID number when you update your project's Status with us.
Kyle Crawford

From: towernotifyinfo@fcc.gov
Sent: Thursday, July 14, 2011 9:04 AM
To: Kyle Crawford
Cc: Diane.Dupert@fcc.gov; Kim.Pristello@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #10063

TEP for the North Carolina Highway Patrol
Kyle W Crawford
3703 Junction Blvd.
Raleigh, NC 27603-5263

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's recent Declaratory Ruling (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 07/07/2011 and 07/14/2011. Our contact with these Indian Tribes or NHOs was sent on 07/14/2011.

Thus, as described in the Declaratory Ruling (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 20 calendar days of 07/14/2011, your obligations under Section IV of the NPA with respect to these Indian Tribes or NHOs are complete(3). If an Indian Tribe or NHO responds that it is interested in participating within the 20 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review(4). In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Indian Tribe or NHO. An Indian Tribe's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Indian Tribe or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Dan Abeyta
Assistant Chief
Spectrum and Competition Policy Division
Wireless Telecommunications Bureau

1) See Clarification of Procedures for Participation of Federally Recognized Indian Tribes and Native Hawaiian Organizations Under the Nationwide Programmatic Agreement, Declaratory Ruling, FCC 05-176 (released October 6, 2005) (Declaratory Ruling).
2) Id § 8-10.
3) We note that, under the Declaratory Ruling, an expression of interest by an Indian Tribe or NHO addressed solely to the Commission staff during the 20-day period is sufficient even if it does not contact the Applicant.
4) Id at S 11.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 76164 Referred Date: 07/11/2011 Location: Sopchoppy Highway, Sopchoppy, FL
   Tribe Name: Muscogee Creek Nation

TCNS# 76925 Referred Date: 07/13/2011 Location: Old US 52, Lexington, NC
   Tribe Name: Cherokee Nation

LEGEND:
* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.
Dear Kyle W Crawford,

Thank you for using the Federal Communications Commission’s (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Administrative Assistant Jo Ann Beckham of the Eastern Shawnee Tribe of Oklahoma in reference to Notification ID #76925:

June 9, 2011

To Whom It May Concern:

Thank you for notice of the referenced project(s). The Eastern Shawnee Tribe of Oklahoma is currently unaware of any documentation directly linking Indian Religious Sites to the proposed construction. In the event any items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) are discovered during construction, the Eastern Shawnee Tribe request notification and further consultation.

The Eastern Shawnee Tribe has no objection to the proposed construction. At present, the Eastern Shawnee Tribe does not wish to participate as a consulting party on the above referenced project(s). However, if any human skeletal remains and/or any objects falling under NAGPRA are uncovered during construction, the construction should stop immediately, and the appropriate persons, including state and tribal NAGPRA representatives contacted.

Sincerely,
Jo Ann Beckham, Administrative Assistant Eastern Shawnee Tribe of Oklahoma

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 05/26/2011
Notification ID: 76925
Tower Owner Individual or Entity Name: TEP for the North Carolina Highway Patrol
Consultant Name: Kyle W Crawford
Street Address: 3703 Junction Blvd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603-5263
Phone: 919-661-6351
Email: kcrawford@tepgroup.net

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 35 deg 55 min 27.8 sec N
Longitude: 80 deg 14 min 35.9 sec W
Location Description: Old US 52
City: Lexington
State: NORTH CAROLINA
County: DAVIDSON
Ground Elevation: 272.8 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 150.9 meters above ground level
Overall Height AMSL: 423.7 meters above mean sea level
Message: The Shawnee Tribe's Tribal Historic Preservation Officer concurs that no known historic properties will be negatively impacted by construction of this tower site (see memo line above for TCNS number/s). The Shawnee Tribe's archives do not reveal any issues of concern at this tower location. In the event that archaeological materials are encountered later during construction, use, or maintenance of this tower location, please re-notify us at that time as we would like to resume consultation under such a circumstance.

The Shawnee Tribe's Environmental and Natural Resources Department takes this opportunity to express its concerns that telecommunication towers can have a potentially destructive impact on bats and migratory birds, particularly those that migrate at night, including species listed as threatened and endangered by both states and the federal government, as well as other species. The Shawnee Tribe suggests that this tower be constructed in accordance with the guidelines available from the US Fish and Wildlife Service to reduce the adverse effects of telecommunications towers on migratory birds; these guidelines may be found at: www.fws.gov/migratorybirds/issues/towers/comtow.html.

The Shawnee Tribe's Environmental and Natural Resources Department is further concerned that the proliferation of cell towers may play a role in honey bee Colony Collapse Disorder. We acknowledge that cell phone technology may not be to blame, especially by itself, as other potential causative factors for the decline have been noted, such as insecticides, tracheal and varroa mites [an immunosuppressant], other parasites, pesticides used on hives to eliminate parasites, genetically modified plants, Nosema fungus, Israeli Acute Paralysis Virus (IAPV) perhaps introduced from Australia in 2004, Kashmir Bee Virus [KBV], climate change, and drought.

Finally, the Shawnee Tribe's Environmental and Natural Resources Department requests that cell tower sites, whenever remotely feasible, be restored to native vegetation. In all cases, habitat restoration can protect a variety of species, even in small project areas. The large number of cell tower sites provides an as yet unrealized opportunity for region-wide habitat restoration. The Tribe urges the cell phone industry to provide a model for native habitat restoration for other industries.

Please do not hesitate to call us for additional comment.
June 20, 2011

Attention: Andrew B. Blake
Tower Engineering Professionals
3703 Junction Boulevard
Raleigh, NC 27603-5263

Re. THPO # TCNS # Project Description
2011-12-32 76925 Proposed 480ft Tower Welcome Old U.S. 52 Lexington, NC

Dear Mr. Blake,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.

The research and processing fee for each project is $250. For accounting purposes, checks must be made out to the Catawba Indian Nation THPO (CIN-THPO).

If you have questions please contact Caitlin Totherow at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

Caitlin Totherow

Wennonah G. Haire
Tribal Historic Preservation Officer
NACD Query Results

Full Data Report

Query input:
State = North Carolina
County = Davidson

The following 1 records for Federally recognized Indian tribe(s),
Native Hawaiian organization(s), Alaska Native corporation(s), and/or their designated
NAGPRA contact(s) have been identified:

- Eastern Band of Cherokee Indians of North Carolina

The following 0 related records have been identified:

There are 1 total records

FULL DATA REPORT

Eastern Band of Cherokee Indians of North Carolina

FEDERALLY APPROVED NAGPRA ENTITY: Yes

ENTITY TYPE(S):
- Federally Recognized Indian Tribe
- Plaintiff in Land Claims Case

AUTHORITY:
- BIA Recognized Indian Entities, Federal Register, Nov. 25, 2005
- Indian Claims Commission

LAST UPDATE TO INFORMATION: 04/05/2006

Contact(s)          Authority
Michell Hicks
Eastern Band of Cherokee Indians
P.O. Box 455
Qualla Boundary
Cherokee, NC 28719
828-497-2771
828-497-7007
September 2007
Principal Chief

Contact(s) Authority
Ms. Kathy McCoy
Eastern Band of Cherokee Indians
P.O. Box 455
Cherokee, NC 28719
704-497-9023
NAGPRA Contact

Contact(s) Authority
Mr. Russell Townsend
Eastern Band of Cherokee Indians
88 Council House Loop
PO Box 455
Cherokee, NC 28719
828-497-2771
828-497-7007 Fax
NAGPRA Contact

-------------------------------------------------------------------------------

RELATED TRIBES/VILLAGES
Used For Cherokee (Also Known As)
Used For Cherokee [generic] (Also Known As)

RESERVATION NAME(S)

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KY Crittenden
KY Cumberland
KY Knox
KY Laurel
KY Livingston
KY Lyon
KY McCreary
KY Monroe
KY Pulaski
KY Russell
KY Trigg
KY Wayne
KY Whitley
MS Clay
MS Lowndes
MS Monroe
MS Tishomingo
NC Buncombe
NC Cherokee
NC Clay
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TN Smith
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TN Sullivan
TN Sumner
TN Trousdale
TN Unicoi
TN Union
TN Van Buren
TN Warren
TN Washington
TN Wayne
TN White
TN Williamson
TN Wilson

IDENTIFIED BY TRIBE AS BEING OF PARTICULAR INTEREST
Not provided
**Indian Reservations in the Continental United States**

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LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A  No Base Flood Elevation determined.
ZONE AE Base Flood Elevations determined.
ZONE AH  Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO  Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR  Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently censored. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99  Areas to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE VE  Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X  Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X  Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D  Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:
n 35 55 27.84, w 80 14 35.94