

Undertaking Information and Analysis
Construct Scout-RECCE Gunnery Range at Range 55 (PN 71703)
Record of Environmental Consideration: 11-062
September 14, 2011

I. Description of Undertaking

The U.S. Army proposes to construct a new range complex to meet the training and qualification requirements of soldiers driving scout and reconnaissance vehicles (Scout/RECCE Range), the Undertaking.

The location of the proposed undertaking on the Fort Campbell Army Installation is in Range 55 in the North Impact Area in Trigg County, Kentucky (87° 44' 1.9" W, 36° 42' 26" N, centerpoint). There are no anticipated indirect effects to historic properties in Tennessee.

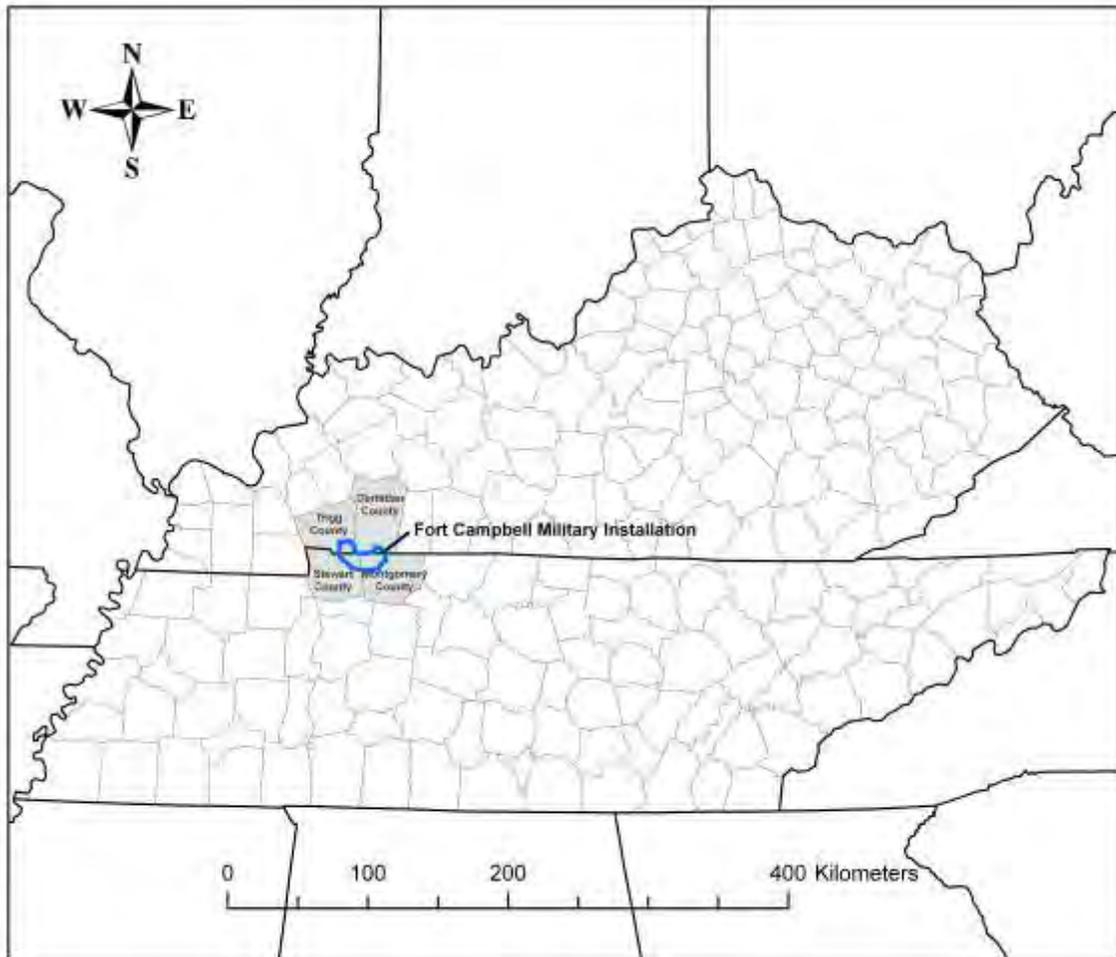


Figure 1. Fort Campbell General Location

The proposed range and associated infrastructure is approximately 245 acres in size, which is the Area of Potential Effect (APE) for this undertaking. The majority of the APE for the undertaking is within the North Impact Area, an area exempt from additional archaeological identification efforts due to the likelihood of Unexploded Ordnance (UXO) in the *Programmatic Agreement Among The United States Army, The State Historic Preservation Officer of Kentucky and The State Historic Preservation Officer of Tennessee Regarding The Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective: January 2009) (OPS PA). An additional (350ft x50ft) utility corridor north of Perimeter road is not in this excluded area (Figure 2).

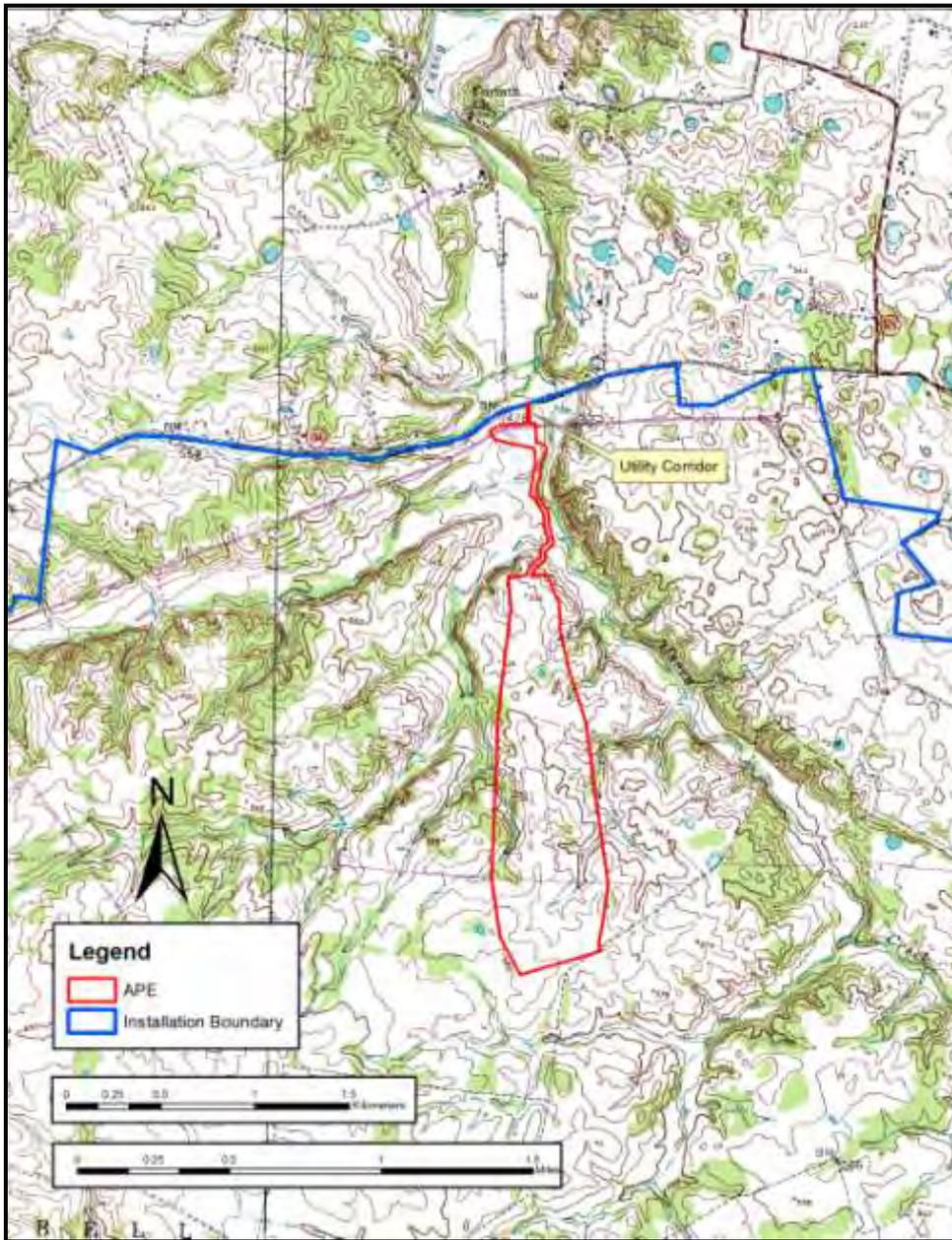


Figure 2: Area of Potential Effect (APE), USGS Jordan Springs Quadrangle.

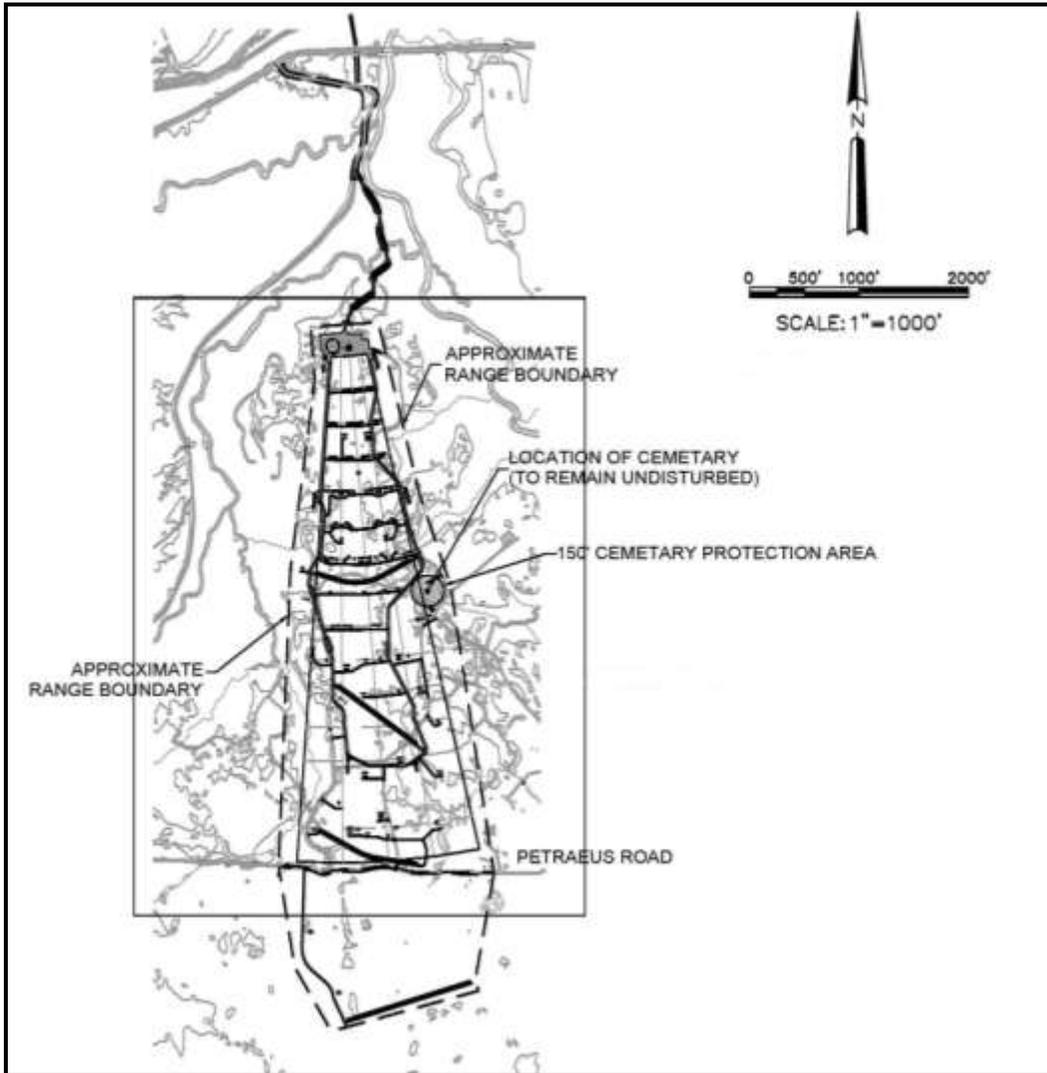


Figure 3: General design for the proposed range.

The undertaking consists of the construction, operation, and maintenance of a new training range complex to meet the training and qualification requirements of soldiers driving scout and reconnaissance vehicles. This complex will be used to test and train crew members on necessary weapons systems to detect, engage and defeat both stationary and moving infantry and armored targets in a tactical situation. Targets are automated, using event specific, computer driver scenarios and scoring. Targets receive and transmit digital data from the range operations center. Captured data is then compiled and available for the unit during after action review. Facilities at the range will include a Range Operations and Control Building, Tower, After Action Review Building, Storage building, Latrine facility, covered bleachers, covered mess (dining area), loading dock, parking and a staging area for arriving and departing soldiers, as well as road and utility improvements. Utilities will be connected to existing utility services off-Post, via underground cables.

II. Areas of Potential Effects

Direct Effect:

It is the determination of the U.S. Army that the APE for direct effects for this undertaking is the area of ground disturbance associated with the construction of the range and associated infrastructure/utilities (Figures 2 and 4). Due to the nature of the terrain and the requirements of the undertaking including the entire 245 acre area is the APE for direct effects. Ten (10) archaeological sites and one historic era cemetery are within the APE. These resources are described in more detail later in this analysis. Representative photographs of the APE are reproduced below. The location and direction of each photograph can be found in Figure 4: APE Photo Points.

Indirect Effects:

The proposed construction of the range will not dramatically alter the landscape of the surrounding area. The construction itself, resulting range complex, or the additional training associated with the range constitute additional indirect effects, e.g. auditory or visual. Upon completion, the additional training activities are consistent with the types of training currently conducted at Fort Campbell in the vicinity.

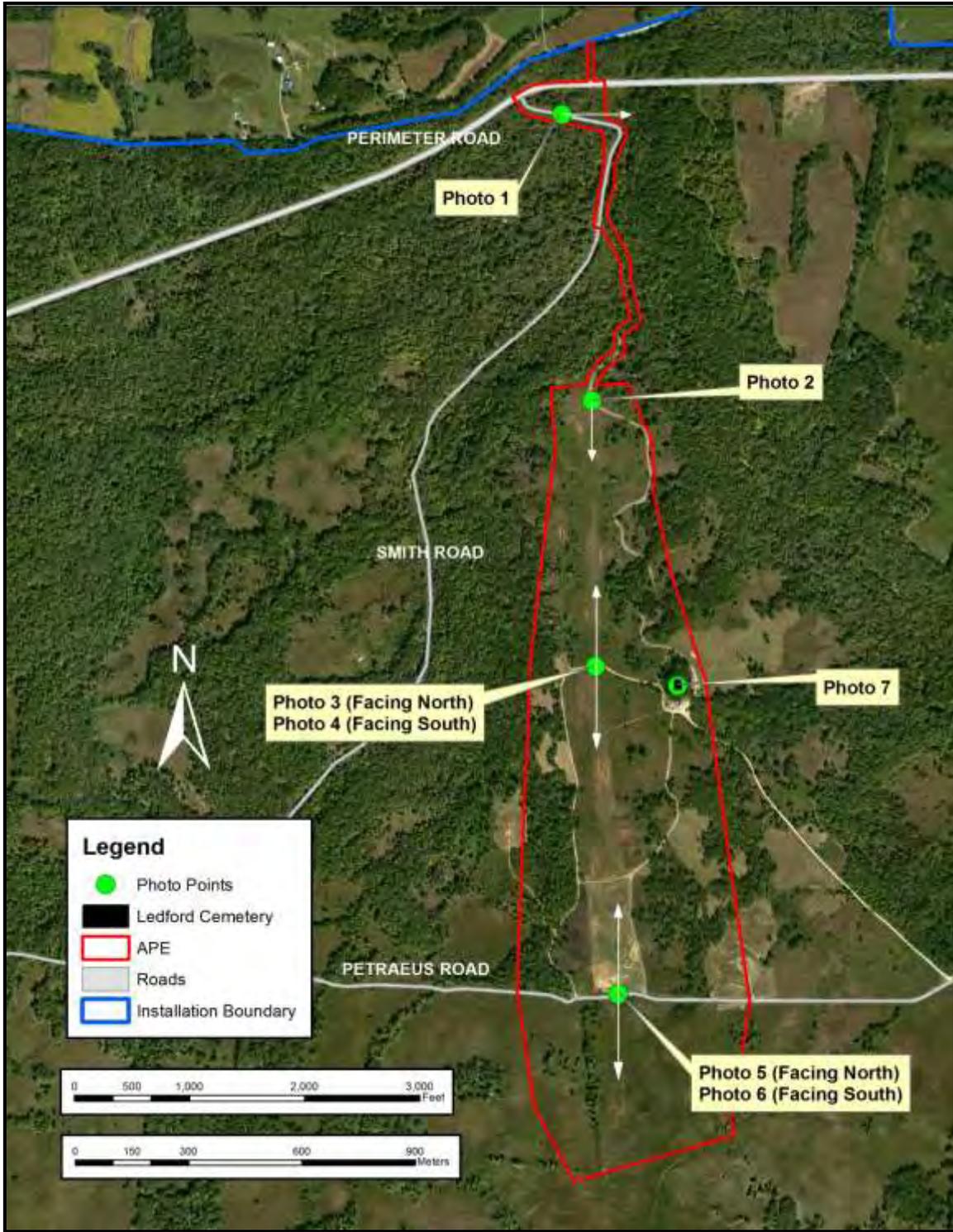


Figure 4: APE Photo Points, 2009 Aerial Image.



Photo 1: North portion of Smith Road, Facing East.



Photograph 2: Range 55, Facing South.



Photograph 3: Middle of Range 55, Facing North



Photograph 4: Middle of Range 55, Facing South



Photograph 5: Along Petraeus Road, Facing North



Photograph 6: Along Petraeus Road, Facing South



Photograph 7 : Ledford Cemetery, Facing West

III. Steps Taken to Identify Historic Properties

The identification of potential historic Properties can be separated into three (3) separate actions.

1. In 1980 and 1981 Nancy O'Malley conducted an initial archaeological survey of Fort Campbell through the Anthropology Department of the University of Kentucky. A total of 179 acres within the current APE were investigated by this survey. A total of eight (8) acres South of Perimeter Road and 58 acres South of Petraeus Road within the current APE were not investigated by the 1983 survey (Figure 5). This survey was a general overview of the archaeological resources at Fort Campbell and was intended to create a baseline of archaeological site types and general distribution. This survey utilized a strategy of stratified random sampling consisting of pedestrian investigation and judgmental shovel testing. The results of the survey are detailed in the reports entitled *Cultural Resources Reconnaissance Of Ft. Campbell, Kentucky – Tennessee, Volumes 1 and 2* (O'Malley et al: 1983). This survey was conducted prior to the majority of the area being designated as an Impact Area. This area was later designated as a formal impact area, restricting access, after a civilian injury from Unexploded Ordinance (UXO). No shovel tests were conducted on the sites currently identified in the APE.

**Figure Deleted in
accordance with the
Archaeological
Resources
Protection Act
(1979)**

Figure 5: Area of O'Malley 1983 survey, 2009 Aerial Image.

2. The majority of the APE, approximately 244 acres south of Perimeter Road (Figure 6) are exempt from requiring additional archaeological survey in accordance with the aforementioned OPS PA. This area has been an impact area for multiple types of explosive ordnance for decades and it is the determination of the U.S. Army that additional archaeological investigations constitute an unwarranted risk to health and human safety.

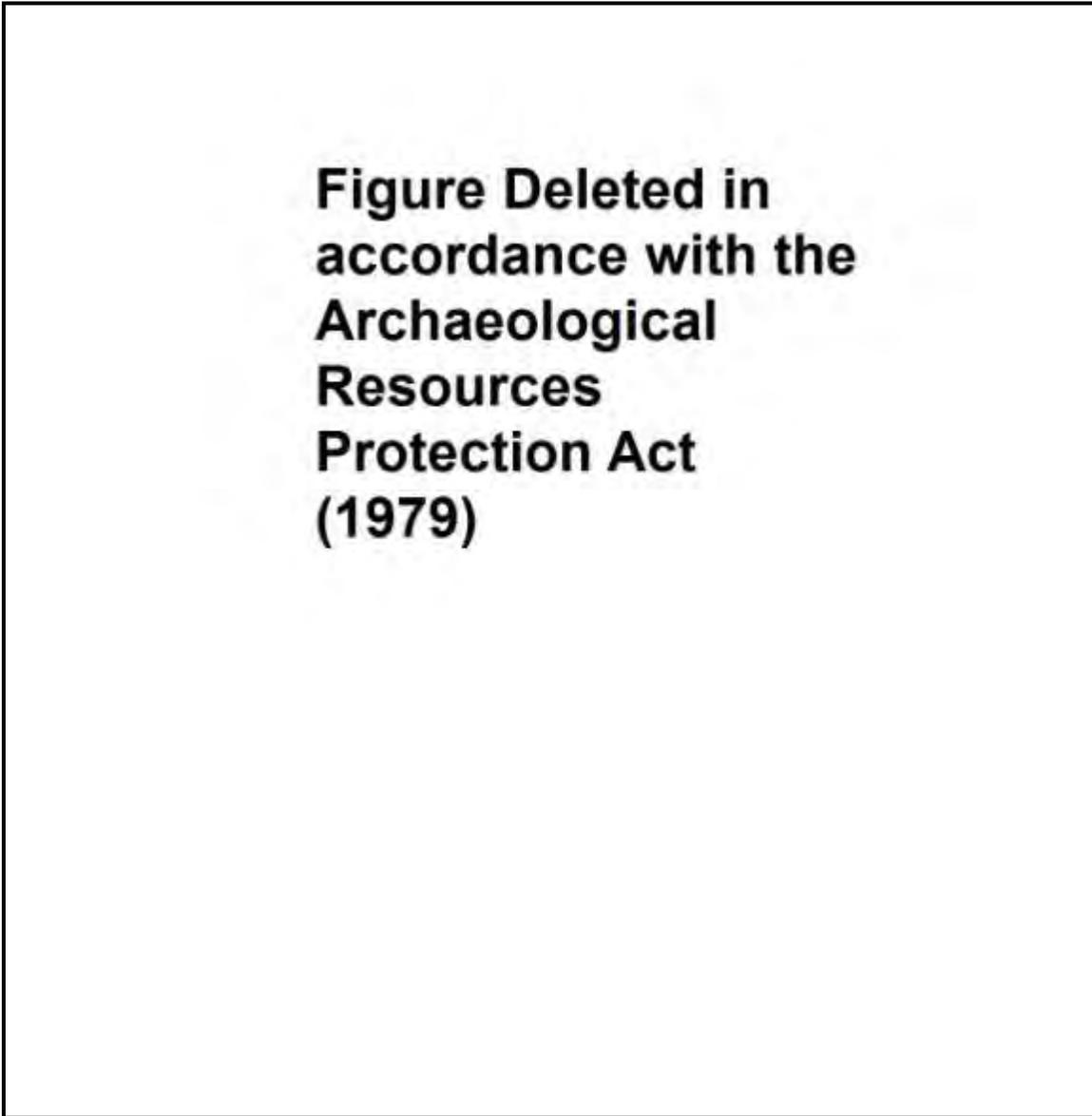


Figure 6: APE within the North Impact Area, UXO hazard.

3. The 350ft x 50ft utility corridor north of Perimeter Road was investigated by Fort Campbell Cultural Resources Program Manager, Mr. Ronald Grayson, M.A., RPA, in conjunction with this undertaking. Five (5) shovel tests were conducted at 20 meter (66 feet) intervals along this corridor on August 2, 2011 (Figure 7). No cultural materials or archaeological sites were identified, and the entire area has been heavily disturbed. A more detailed description of this fieldwork is included as Attachment 1.



Figure 7: Utility Corridor, North of Perimeter Road, 2009 Aerial Image.

IV. Description of properties effected by this undertaking

There are ten (10) known archaeological sites within the APE for direct effects for this undertaking. Nine (9) archaeological sites will be heavily impacted or destroyed by this undertaking. One archaeological site (15TR0374) is a historic cemetery and will be avoided through the placement of an elevated road bed which will act as a berm (Figures 9 and 10). None of the known archaeological sites have been formally evaluated for listing in the NRHP, nor has the Kentucky SHPO been requested to comment on them. The cursory, limited, nature of the 1980s survey does not provide accurate or complete site boundaries. The site boundaries depicted in this analysis are projections from surface finds and do not incorporate subsurface data.

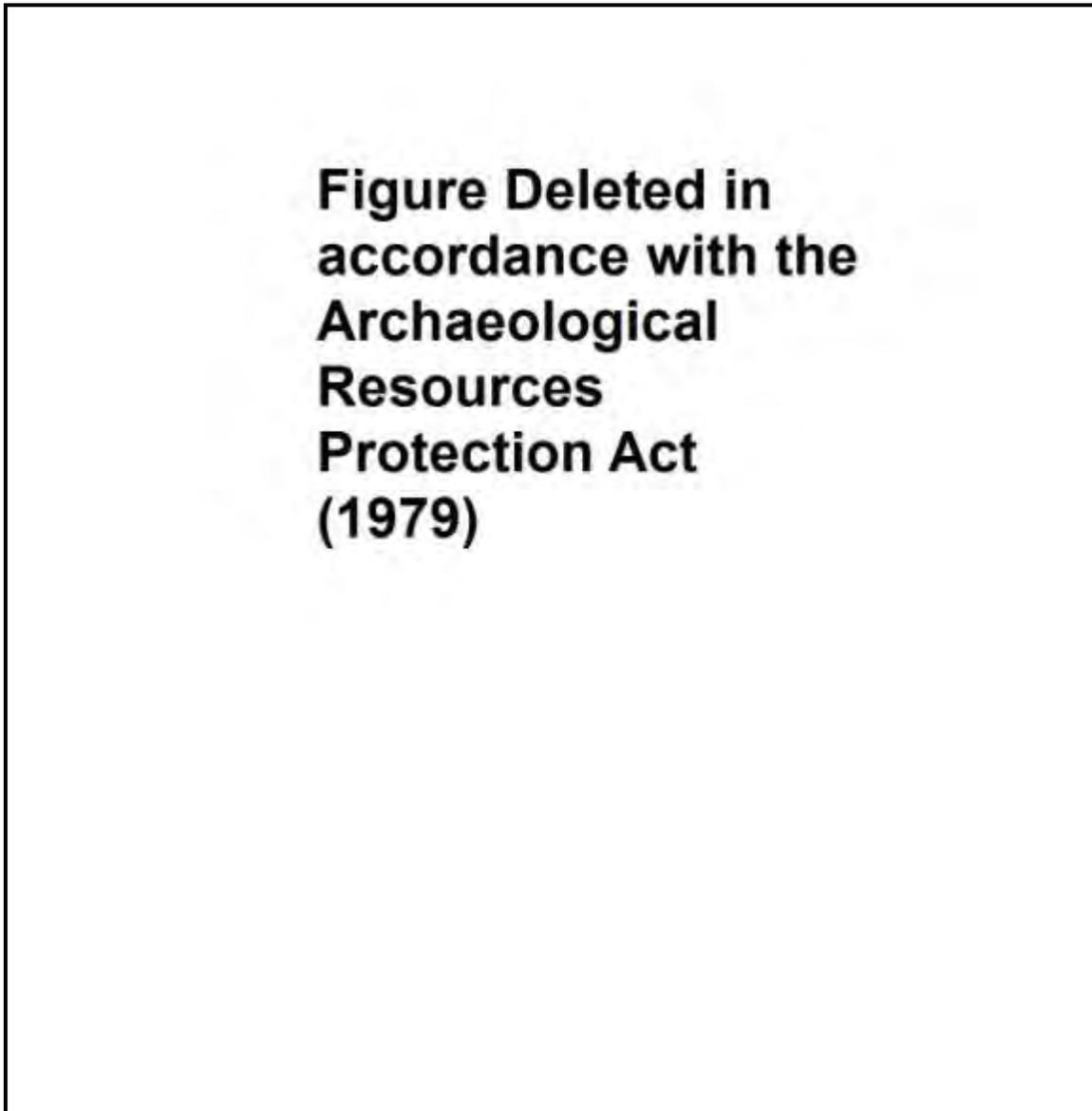


Figure 8: Known archaeological sites within the APE, 2009 Aerial Image.

Three (3) archaeological sites (15TR0122, 15TR0124, and 15TR0127) have previously been treated as *Eligible* for listing in the NRHP for the purpose of two specific Section 106 consultations in 1998. Archaeological sites 15TR0122 and 15TR0127 were addressed in the consultation regarding the construction a trench system in January, 1998. Archaeological site 15TR0124 was addressed in the consultation regarding the construction of a new Helipad in April, 1988. No archaeological sites were impacted by the undertakings.

Five (5) archaeological sites (15TR0128, 15TR0129, 15TR0130, 15TR0138, and 15TR0139) were recommended *Not Eligible* for listing in the NRHP by the consultant in 1983.

Two (2) archaeological sites (15TR0090 and 15TR0374) were not assessed to determine their eligibility for listing in the NRHP due to the paucity of recovered information. The consultant recommended additional fieldwork to better understand these sites and therefore determine their eligibility for listing. The additional fieldwork was not conducted.

None of the sites identified contain human remains or ceremonial funerary items. Due to the nature of the environment, paucity of identified materials, and general site types represented (intermittent/seasonal hunting camps) are unlikely to contain unidentified human remains. A brief description of each archaeological site is listed below. More thorough description of each site can be found in O'Malley et. al: 1983. This report will be made available upon request in electronic (PDF), hardcopy, or both formats upon request.

15TR0090: Archaeological site 15TR0090 is a light lithic scatter from an unknown prehistoric period consisting of 16 undiagnostic flakes. The site is located in a road cut along a terrace of Casey Creek. The site size is unknown because the area was obscured by vegetation at the time of survey. No evaluation was made in the report evaluating the eligibility of the site for listing in the NRHP because the site size was not known. The site boundary depicted in this consultation is an arbitrary 90 meter diameter circle.

15TR0122: Archaeological site 15TR0122 is a Late Archaic lithic scatter consisting of a total of 88 artifacts including multiple cores, flakes, biface fragments and Motley like projectile point. The site is located on the level crest of a grassy rise. The report recommended the site *Potentially Eligible* for listing in the NHRP due to relatively good preservation of artifact distribution and its status as a single component Late Archaic hunting camp. The site boundary depicted in this consultation is a 100x30 meter oval.

15TR0124: Archaeological site 15TR0124 is a Middle Archaic lithic scatter with a historic isolate, consisting of 26 artifacts, mostly undiagnostic flakes, a scraper, and the stem of a Eva II projectile point. The site is located in bare eroded areas on a grassy rise and is approximately 50x20 meters large. Artifacts were concentrated in the Northeast corner of the site. The report recommended that the site was *Potentially Eligible* for listing in the NHRP due to its status as a single component Middle Archaic hunting camp and the presence of intrasite artifact concentrations. The site boundary depicted in this consultation and is an arbitrary 60 meter diameter circle. There is some discrepancy in the text of the report stating that the site's western boundary is a road, however, the road is to the east on archaeological site form map. The archaeological site form indicates the road is 20 meters to the east and is consistent with the geography.

15TR0127: Archaeological site 15TR0127 is a light lithic scatter from an unknown prehistoric period consisting of seven (7) artifacts, all undiagnostic flakes. The site is located in bare and eroded areas on a grassy rise. Good visibility allowed for a firm judgment of site boundaries. The site is approximately 50x50 meters large and located in a landing area for helicopters. The report recommended that the site is *Not Eligible* for listing in the NRHP due to sparse, non-diagnostic nature of artifactual remains and prior erosive impacts. The site boundary depicted in this consultation is an arbitrary 60 meter diameter circle.

15TR0128: Archaeological site 15TR0128 is a moderate lithic scatter from an unknown prehistoric period consisting of 38 artifacts, mostly undiagnostic flakes and three (3) biface fragments. The site is located in a dirt road and bare areas on a low rise. Good surface visibility allowed firm judgment of site boundaries. The site is approximately 15x30 meters large. Naturally occurring chert was observed in and around the site area. The report recommended that the site is *Not Eligible* for listing in the NRHP due to the non-diagnostic and common nature of the artifactual remains. The site boundary depicted in this consultation is an arbitrary 60 meter diameter circle.

15TR0129: Archaeological site 15TR0129 is a light lithic scatter from an unknown prehistoric period consisting of ten (10) artifacts, all undiagnostic flakes. The site is located in a defoliated military landing strip on the crest of a gradual bluff. Good visibility allowed firm judgment of site boundaries. The site is approximately 15x45 meters large. The report recommended that the site is *Not Eligible* for listing in the NRHP due to sparse, non-diagnostic nature of artifactual remains. The site boundary depicted in this consultation is an arbitrary 60 meter diameter circle.

15TR0130: Archaeological site 15TR0130 is a light lithic scatter from an unknown prehistoric period consisting of 54 artifacts, mostly undiagnostic flakes and 3 undiagnostic biface fragments. The site is located in a north-south dirt road on a low rise. Vegetation was used to determine approximate site boundaries at 30x15 meters large. The report recommended that the site is *Not Eligible* for listing in the NRHP due to the sparse, non-diagnostic nature of the artifactual remains. The site boundary depicted in this consultation is an arbitrary 60 meter diameter circle.

15TR0138: Archaeological site 15TR0138 is a light lithic scatter from an unknown prehistoric period consisting of 27 artifacts, mostly undiagnostic flakes and one undiagnostic biface fragment. The site is located in a landing strip. Good visibility allowed a judgment of artifact distribution but the context was extremely disturbed. The site is approximately 10x20 meters large. The report recommended that the site is *Not Eligible* for listing in the NRHP due to the sparse, non-diagnostic nature of the artifactual remains and their disturbed context. The site boundary depicted in this consultation is an arbitrary 75 meter diameter circle.

15TR0139: Archaeological site 15TR0139 is a light lithic scatter from an unknown prehistoric period consisting of 19 artifacts, mostly undiagnostic flakes and 1 undiagnostic biface fragment. The site is located in eroded spots on a grassy bluff. The site boundary is approximate due to poor, inconsistent visibility and is approximately 10x20 meters large. The report recommended that the site is *Not Eligible* for listing in the NRHP due to the sparse, non-diagnostic nature of the artifactual remains and prior erosive impacts. The site boundary depicted in this consultation is an arbitrary 30 meter diameter circle.

15TR0374 (Cemetery 109): The Andrew Ledford Cemetery, archaeological site 15TR0374 consists of eight (8) headstones and three (3) unmarked depressions. The cemetery dates to 1816 to 1876 by burial dates on the existing markers. The area is approximately 10x12 meters large and is located open hardwood stand which is fenced and routinely mowed. There is no indication that the area has any extant or partial structural remains or other associated historic materials. The site has not been evaluated for listing in the NRHP.

It is the determination of the US Army that there is not enough information to conclusively determine if the archaeological sites effected by this undertaking are eligible for listing on the National Register of Historic Places (NRHP). It is also the determination of the U.S. Army that to conduct additional archaeological investigations on these sites represents an unacceptable risk to human safety and health. It is likely that individually or as an aggregate, these ten (10) archaeological sites could yield informant important in prehistory or history.

V. Application of Criteria of Adverse Effect

The proposed undertaking will cause extensive disturbance to and/or destruction of a majority of the ten (10) known archaeological sites within the project area. The site for this undertaking is in the impact area creating a strong likelihood of the presence of unexploded military munitions. It is the determination of the U.S. Army that these sites cannot safely be evaluated for listing in the NRHP. It is the determination of the U.S. Army that the loss of potential important information concerning prehistory by the loss of these sites meets the criteria of *Adverse Effect to Historic Properties* (36 CFR 800.5).

VI. Alternatives Considered for Avoiding or Minimizing Adverse Effect

All proposed ranges at Fort Campbell go through a siting process that includes identifying the best location to meet tactical requirements. The proposed location is the only location at Fort Campbell that is large enough to meet mission and training requirements that does not conflict with other required training activities. Several attempts to avoid disturbing the known archaeological site boundaries were made throughout the preliminary design stage. Unfortunately, avoidance of all of the established site boundaries was not possible. Design requirements, coupled with the lack of conclusive site boundaries made complete avoidance impossible.

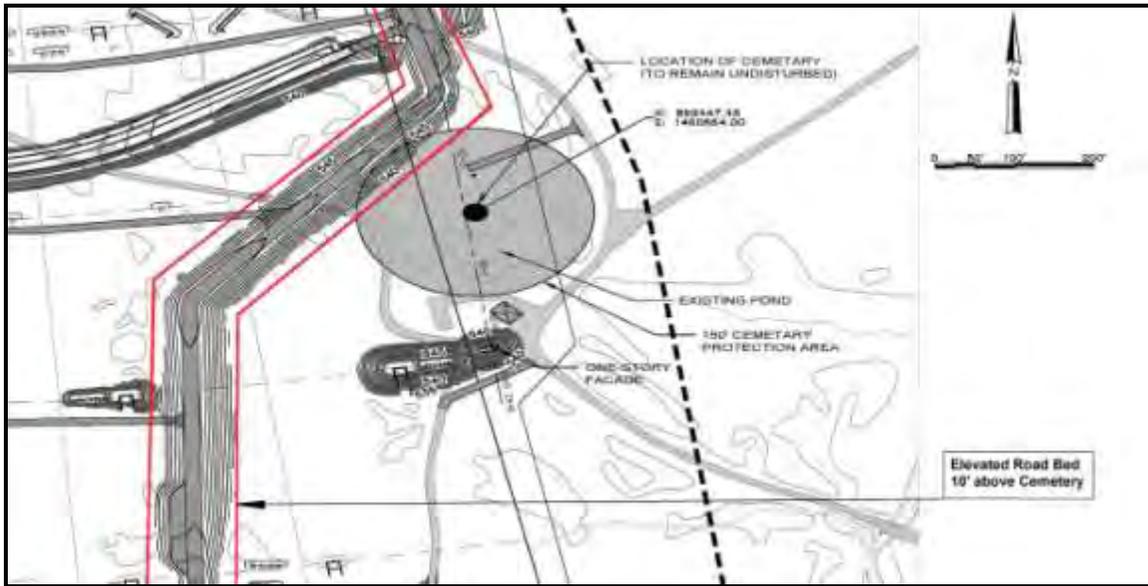


Figure 9: Road Berm design around the Ledford Cemetery.

The Andrew Ledford Cemetery (15TR0374) will not be directly impacted by the undertaking. An elevated road berm will protect the site from additional impacts from increased training activities associated with the new range (Figure 9). The berm will also reduce the inadvertent introduction of additional ordinance into the cemetery (Figure 10). The road berm will be a minimum of 125 feet from the cemetery boundary. There will continue to be limited public (descendant) access to the cemetery. All tree removal in the cemetery boundary and the buffer area will not include stump removal. Trees will be cut at ground surface and the stumps left in place to avoid potentially impacting any known or unknown graves. Coordination with the Fort Campbell Cultural Resources Program and an escort will continue to be required for all site visits, as per current Fort Campbell Policy.

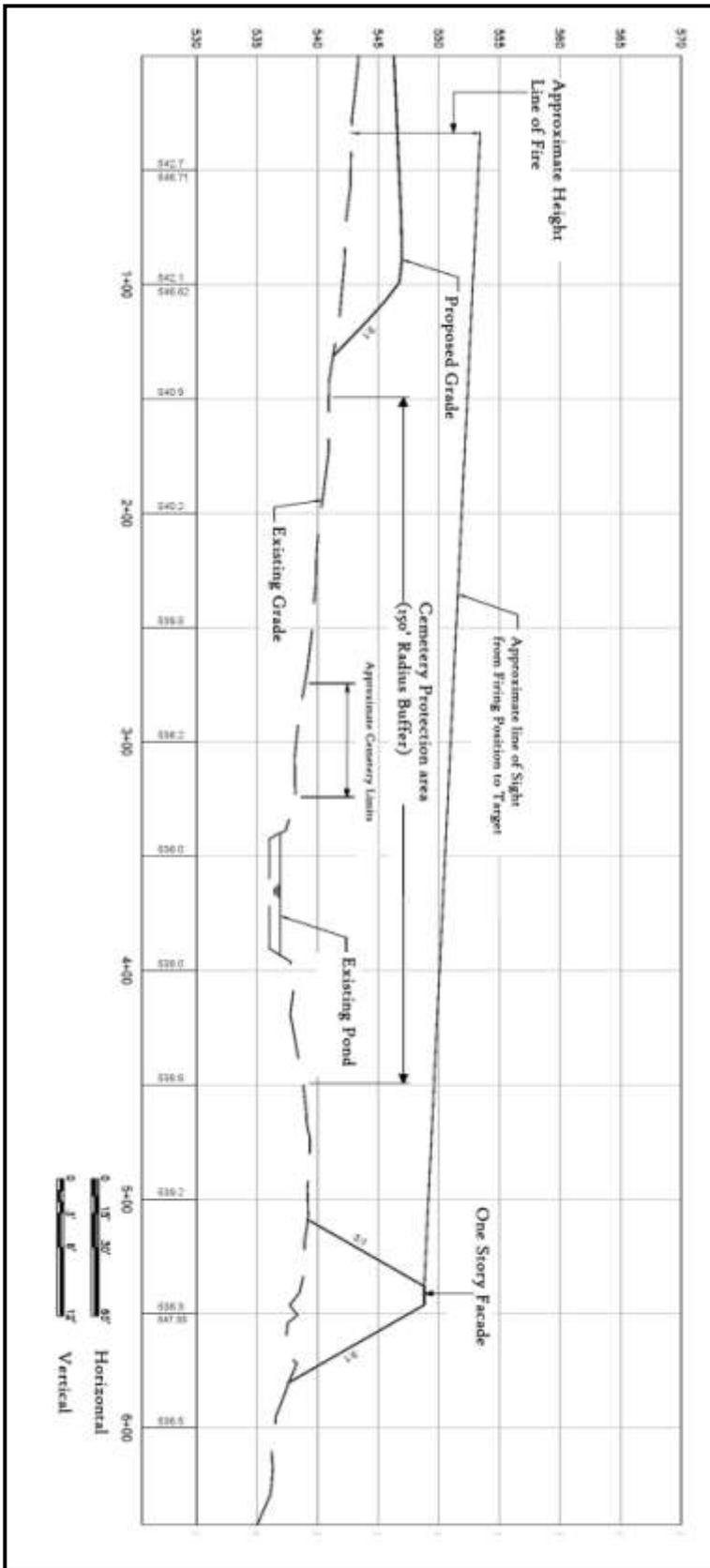


Figure 10: Elevation diagram of the Ledford Cemetery.

VII. Determination of Adverse Effect to Historic Properties

Due to the presence of ten (10) archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of the majority of these sites, it is the determination of the U.S. Army that the undertaking will have an *Adverse Effect to Historic Properties*. In accordance with the OPS PA and 36 CFR 800.6, Fort Campbell intends to develop a Memorandum of Agreement (MOA) to appropriately mitigate the adverse effects. In accordance with the OPS PA (Stipulation 2.b.) the Advisory Council on Historic Preservation (ACHP) will not be requested to take part in the development of the MOA unless there is a dispute between Fort Campbell and the Kentucky SHPO.

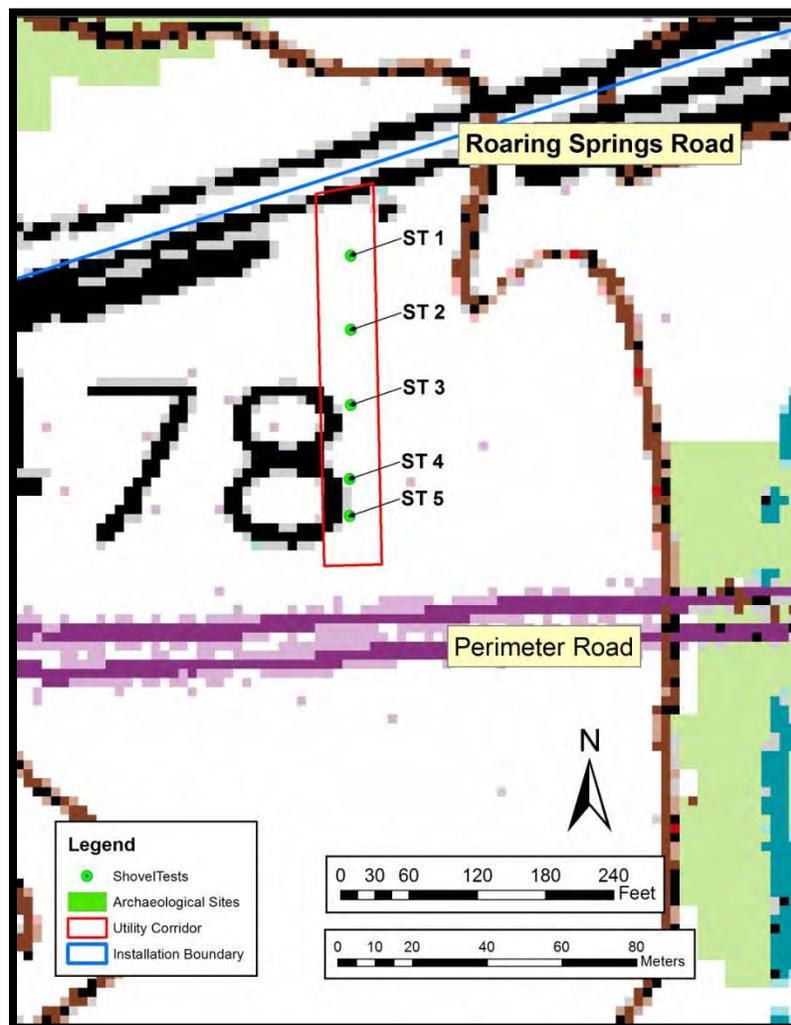
Due to the risk to human health and safety from the likelihood of the presence of unexploded military munitions, additional archaeological fieldwork will not be conducted in the North Impact Area portion of the APE. The stipulations of the proposed MOA will focus on alternative mitigation of the adverse effect. This alternative mitigation may take the form of intensive archaeological investigation at another Fort Campbell site, detailed comparison of data from multiple Fort Campbell archaeological sites, public interpretation, or some combination thereof.

Archaeological Investigation of the Utility Corridor

By. Ronald Grayson, M.A., RPA, Fort Campbell Cultural Resources Program Manager
August 19, 2011

Fort Campbell Cultural Resource Office conducted an archaeological site detection (Phase I) survey of an approximately 350 x 50 ft (0.5 acres) utility line corridor located in southern Trigg County, Kentucky (87° 44' 6.9" W, 36° 43' 25.5" N). Fieldwork was conducted by Mr. Ronald Grayson, M.A., RPA and Mr. Jeffery Atkins, PE on August 3, 2011. Mr. Grayson was the Principal Investigator and meets the Secretary of the Interior's Standards in Archaeology.

The survey included both visual reconnaissance and subsurface testing methods. Shovel tests were excavated at regular intervals (20-meter interval) and all excavated soil was hand screened. No historic or prehistoric cultural material was recovered during this survey. All records, photographs, and other material related to this project will be permanently curated at Fort Campbell.



**Figure 1: Location of the Utility Corridor,
Roaring Springs USGS Quadrangle Map.**

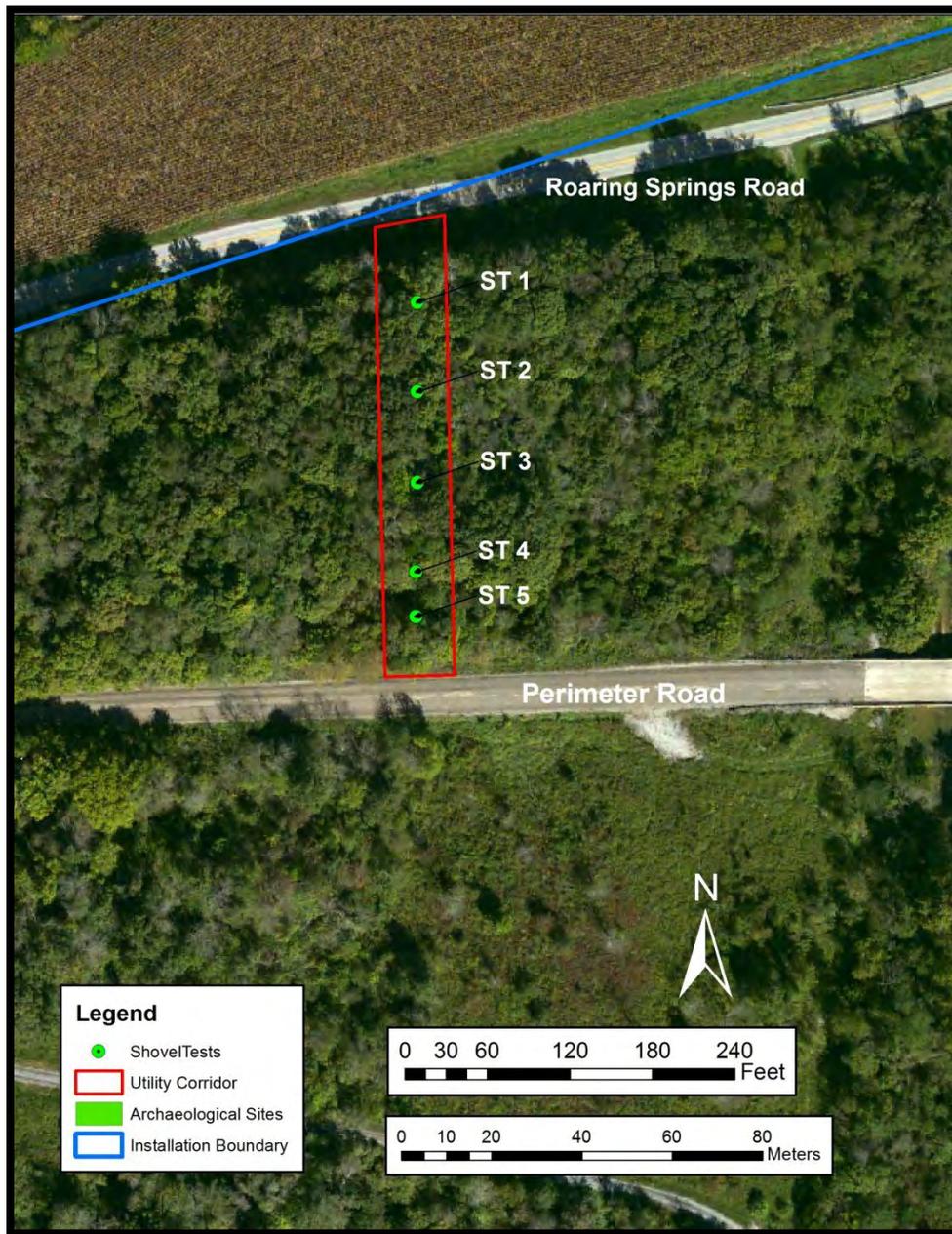


Figure 2: Location of the Utility Corridor, Aerial View.

SOILS

The soils in the project area are of the Nolin Series. The Nolin series consists of very deep, well drained soils formed in alluvium derived from **limestions**, sandstones, shales and loess. The soils, when present, in the area generally consisted of an an A horizon of silty clay loam overlying a darker, clayey subsoil.

ENVIRONMENT

Vegetation within the area consists of a relatively open area of mixed secondary hardwood forest with a scattering of Pine. There is evidence of extensive ground disturbing activities, likely caused by the construction of elevated road beds for Perimeter and Roaring Springs Roads. There were two berms noted within the project area that are parallel to the roads. The majority of shovel testing revealed little, or sometimes no, topsoil overlaying a clayey subsoil. The entire area seems to have been extensively disturbed.



Figure 3: Berm of soil in the project area, likely from road construction.

METHADODOLOGY

Field survey methods included both pedestrian reconnaissance and subsurface excavation. The survey area was first visually inspected prior to the start of field work. Digital photographs were taken of each shovel test and to record general field conditions throughout the survey area.

The initial shovel test (ST1) was placed approximately 20m south of Roaring Springs Road. The single survey transect included shovel tests were placed 20m apart. All other shovel test locations were determined by using a compass and a 100m fiberglass measuring tape to measure the appropriate distance, 20m, to the next shovel test location. The final Shovel test, ST 5, was placed 10m south of ST 4 due to disturbance from Perimeter Road.



Figure 4: Shovel Test #2



Figure 5: Shovel Test #6

Each shovel test was excavated as a round hole, no less than 30cm in diameter. Even though the project area was heavily disturbed, each shovel test was excavated to at least 20cm to provide a better representative sample of the area. All excavated soil was hand screened through ¼ inch galvanized hardware cloth. The soil makeup, color, thickness, and presence or absence of cultural material was recorded for each natural and cultural stratum. All measurements were collected using the metric system. Munsell Soil Color charts were used during the excavation of all shovel tests.



Figure 6: Photograph of the Project Area, Facing West from Shovel Test 4.

Due to vegetative cover, GPS reception was inadequate to gather locational data through the tree cover in the project area. A 100m fiberglass measuring tape and compass were used to determine a location in Perimeter Road 18m south of ST 5 which had enough satellite reception to obtain a GPS location. The GPS point was taken using a Differentially corrected Garmin eTrex Vista GPS unit. The single GPS position was used, in conjunction with field notes, to incorporate the field data into Fort Campbell's GIS database.

RESULTS

The fieldwork consisted of five (5) shovel tests along a single, North – South transect between Perimeter and Roaring Springs Roads (Figures 1 and 2).

The following table describes the shovel testing results.

Shovel Test	A Horizon (10YR 3/2)	Subsoil (10YR 4/6)	Artifacts
ST1	0-10 cm	10-34 cm	None
ST2	None	0-20 cm	None
ST3	Less than 1 cm	1-28 cm	None
ST4	0-2 cm	2-24 cm	None
ST5	0-2 cm	2-25 cm	None

No cultural materials were identified in the shovel tests or along the surface of the proposed utility corridor. There are no historic properties located within the proposed utility corridor associated with the construction of the Scout/RECCE Range.

State Historic Preservation Office
Correspondence



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Mark Dennen, Director and State Historic Preservation Officer
Kentucky Heritage Council
State Historic Preservation Office
300 Washington Street
Frankfort, Kentucky 40601

Dear Mr. Dennen:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the U.S. Army that the undertaking will have an *Adverse Effect to Historic Properties*.

In accordance with the *Programmatic Agreement Among The United States Army, The State Historic Preservation Officer of Kentucky and The State Historic Preservation Officer of Tennessee Regarding The Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective: January 2009) (OPS PA), and 36 CFR 800.6, Fort. Campbell intends to develop a Memorandum of Agreement (MOA) to appropriately mitigate the adverse effect. In accordance with the OPS PA (Stipulation 2.b.) the Advisory Council on Historic Preservation (ACHP) will not be requested to take part in the development of the MOA unless there is a dispute between the Army and the Kentucky SHPO.

Because of the threat to health and human safety, direct mitigation or data recovery at the sites directly effected is not feasible. Fort Campbell requests your assistance in developing appropriate alternative mitigation for this undertaking. This alternative mitigation may take the form of intensive archaeological investigation at another Fort Campbell site, detailed comparison of data from multiple Fort Campbell archaeological sites, public interpretation, or some combination of thereof.

Please review the enclosed information and advise of your concurrence or non-concurrence with this determination. Any questions regarding this matter are to be directed to Mr. Ron Grayson, Cultural Resources Program Manager, ronald.i.grayson@us.army.mil, telephone 270-412-8174.

Sincerely,

Perry C. Clark
COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis



STEVEN L. BESHEAR
GOVERNOR

**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL**

MARCHETA SPARROW
SECRETARY

THE STATE HISTORIC PRESERVATION OFFICE
300 WASHINGTON STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov

LINDY CASEBIER
ACTING EXECUTIVE DIRECTOR AND
STATE HISTORIC PRESERVATION OFFICER

February 2, 2012

Perry C. Clark, COL, SF
Commander, USAG
Department of the Army
U.S. Army Garrison, Ft. Campbell
39 Normandy Boulevard
Fort Campbell, Kentucky 42223-5617

**Re: Proposed Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55
Trigg County**

Dear Col. Clark,

The State Historic Preservation Office has received for review and comment your letter regarding the above-referenced proposed undertaking. From this letter, we understand that the proposed project will entail substantial ground disturbance and the construction of new facilities and infrastructure. We further understand that: 1) multiple archaeological sites are present in the Area of Potential Effect; 2) it will not be possible to safely determine if the site areas are eligible for listing in the NRHP; and 3) the known sites will likely be destroyed by the undertaking. Because of these factors, the U.S. Army has determined that the undertaking will have an **Adverse Effect to Historic Properties**. We concur with this determination and look forward to consulting with the U.S. Army regarding the development of the Memorandum of Agreement and the appropriate mitigation measures.

Questions regarding these comments should be directed to Kary Stackelbeck of my staff at 502-564-7005, ext. 147 (kary.stackelbeck@ky.gov).

Sincerely,

Lindy Casebier
Acting Executive Director &
State Historic Preservation Officer

LC:kl

cc: Ron Grayson (Ft. Campbell)

Federally Recognized Tribal Nations
Correspondence

Federally Recognized Indian Tribes Contacted by this Consultation
Compiled by: Ronald Grayson, M.A., RPA, Cultural Resources Program Manager
November 9, 2011

Absentee Shawnee Tribe of Oklahoma
Alabama-Quassarte Tribal Town
Cherokee Nation of Oklahoma
Chickasaw Nation of Oklahoma
Coushatta Tribe
Eastern Shawnee Tribe of Oklahoma
Eastern Band of Cherokee Indians
Kialegee Tribal Town
Miccosukee Tribe of Indians
Muscogee Creek Nation of Oklahoma
Poarch Band of Creek Indians
Seminole Tribe of Florida
Shawnee Tribe
Thlopthlocco Tribal Town
United Keetowah Band



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. George Blanchard
Governor of Absentee Shawnee Tribe of Oklahoma
2025 South Gordon Cooper Drive
Shawnee, Oklahoma 74801

Dear Governor Blanchard:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

In accordance with the *Programmatic Agreement Among The United States Army, The State Historic Preservation Officer of Kentucky and The State Historic Preservation Officer of Tennessee Regarding The Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective: January 2009) (OPS PA), and 36 CFR 800.6, Fort. Campbell intends to develop a Memorandum of Agreement (MOA) to appropriately mitigate the adverse effect.

Because of the threat to health and human safety, direct mitigation or data recovery at the sites directly effected is not feasible. Fort Campbell requests your assistance in developing appropriate alternative mitigation which may take the form of intensive archaeological investigation at another Fort Campbell site, detailed comparison of data from multiple archaeological sites, Public interpretation, or some combination of thereof. Additionally, we respectfully request any information you may possess concerning unidentified archaeological sites or Traditional Cultural Properties that may be effected by this undertaking.

Please review the enclosed information and advise if this project raises any questions or concerns for your Tribe and/or if you wish to participate in the development of the MOA for this undertaking. Any questions regarding this matter are to be directed to Mr. Ron Grayson, Cultural Resources Program Manager, ronald.i.grayson@us.army.mil, telephone 270-412-8174. A lack of response within 45 days will be considered that you do not wish to participate.

Sincerely,

Perry C. Clark
COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis
List of Federally Recognized Tribes consulted regarding this undertaking.



REPLY TO
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DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Tarpie Yargie
Chief of Alabama-Quassarte Tribal Town
Post Office Box 187
Wetumka, Oklahoma 74883

Dear Chief Yargie:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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Sincerely,

Perry C. Clark
COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis
List of Federally Recognized Tribes consulted regarding this undertaking.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Joe Crittenden
Acting Principal Chief of Cherokee Nation of Oklahoma
Post Office Box 948
Tahlequah, Oklahoma 74465

Dear Chief Crittenden:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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Sincerely,

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COL, SF
Commander, USAG

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Jefferson Keel
Lieutenant Governor of Chickasaw Nation of Oklahoma
Post Office Box 1548
Tahlequah, Oklahoma 74465

Dear Lieutenant Governor Keel:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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COL, SF
Commander, USAG

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Kevin Sickey
Chairman of Coshatta Tribe
Post Office Box 818
Elton, Louisiana 70532

Dear Chairman Sickey:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis

List of Federally Recognized Tribes consulted regarding this undertaking.



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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Michell Hicks
Principal Chief of Eastern Band of Cherokee Indians
88 Council House Loop
Cherokee, North Carolina 28719

Dear Chief Hicks:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis
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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Ms. Glenna J. Wallace
Chief of Eastern Shawnee Tribe of Oklahoma
Post Office Box 350
Seneca, Oklahoma 64865

Dear Chief Wallace:

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COL, SF
Commander, USAG

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Tiger Hobia
Town King of Kialegee Tribal Town
Post Office Box 332
Wetumka, Oklahoma 74883

Dear Town King Hobia:

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HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Colley Billie
Chairman of Miccosukee Tribe of Indians
Post Office Box 440021
Miami, Florida 33144

Dear Chairman Billie:

Fort Campbell proposes to construct a Scout-RECCE Range (REC 11-062, PN1703) in the Northern Impact Area in Range 55 in Trigg County, Kentucky. The proposed training range will require substantial modification of the ground surface as well as construction of new facilities and infrastructure. Due to the presence of multiple archaeological sites, the inability to safely determine if the sites are eligible for listing in the NRHP, and the likely destruction of these sites, it is the determination of the US Army that the undertaking will have an *Adverse Effect to Historic Properties*.

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. A. D. Ellis
Principal Chief of Muscogee Creek Nation of Oklahoma
Post Office Box 580
Okmulgee, Oklahoma 74447

Dear Chief Ellis:

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Buford L. Rolin
Chairman of Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, Alabama 36502

Dear Chairman Rolin:

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Commander, USAG

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HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. James E. Billie
Chairman of Seminole Tribe of Florida
6300 Stirling Road
Hollywood, Florida 33024

Dear Chairman Billie:

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. Ron Sparkman
Chairman of Shawnee Tribe
Post Office Box 189
Okemah, Oklahoma 74355

Dear Chairman Sparkman:

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INSTALLATION MANAGEMENT COMMAND, ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. George Scott
Town King of Thlopthlocco Tribal Town
Post Office Box 188
Okemah, Oklahoma 74859

Dear Town King Scott:

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HEADQUARTERS, UNITED STATES ARMY GARRISON, FT CAMPBELL
39 NORMANDY BOULEVARD
FORT CAMPBELL, KENTUCKY 42223-5617

November 2, 2012

Directorate of Public Works

Mr. George Wickliff
Chief of United Keetowah Band
Post Office Box 746
Tahlequah, Oklahoma 74464

Dear Chief Wickliff:

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In accordance with the *Programmatic Agreement Among The United States Army, The State Historic Preservation Officer of Kentucky and The State Historic Preservation Officer of Tennessee Regarding The Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective: January 2009) (OPS PA), and 36 CFR 800.6, Fort. Campbell intends to develop a Memorandum of Agreement (MOA) to appropriately mitigate the adverse effect.

Because of the threat to health and human safety, direct mitigation or data recovery at the sites directly effected is not feasible. Fort Campbell requests your assistance in developing appropriate alternative mitigation which may take the form of intensive archaeological investigation at another Fort Campbell site, detailed comparison of data from multiple archaeological sites, Public interpretation, or some combination of thereof. Additionally, we respectfully request any information you may possess concerning unidentified archaeological sites or Traditional Cultural Properties that may be effected by this undertaking.

Please review the enclosed information and advise if this project raises any questions or concerns for your Tribe and/or if you wish to participate in the development of the MOA for this undertaking. Any questions regarding this matter are to be directed to Mr. Ron Grayson, Cultural Resources Program Manager, ronald.i.grayson@us.army.mil, telephone 270-412-8174. A lack of response within 45 days will be considered that you do not wish to participate.

Sincerely,

Perry C. Clark
COL, SF
Commander, USAG

Enclosure: Undertaking Information and Analysis
List of Federally Recognized Tribes consulted regarding this undertaking.

From: [Robin Dushane](#)
To: [Grayson, Ronald I USA CIV \(US\)](#)
Subject: Ft Campbel MOA
Date: Wednesday, December 21, 2011 8:24:35 AM

Dear Mr. Ron Grayson,

The Eastern Shawnee Tribe is pleased the Cultural Resources Department has communicated with our office concerning the proposed Scout-RECCE Range at Fort Campbell in Trigg County, KY.

Our office is interested in participating in the development of the MOA for this undertaking.

We are in agreement that mitigation is in order as these 10 archaeological sites are to be disturbed/destroyed. What suggestions have been made so far as to mitigation efforts?

We look forward to hearing from you.

Best regards,

Robin Dushane

Eastern Shawnee Tribe

Cultural Preservation Director

12705 S. 705 Rd.

Wyandotte, OK 74370

918 666 2435 ext 247 wk

918 533 4104 cell

From: [Tyler B. Howe](#)
To: [Grayson, Ronald I CIV \(US\)](#)
Subject: RE: Digital Consultation for Scout RECCE Range at Fort Campbell (UNCLASSIFIED)
Date: Tuesday, January 17, 2012 1:31:57 PM

Mr. Grayson:

The Eastern Band of Cherokee Indians Tribal Historic Preservation Office (EBCI THPO) has reviewed the materials provided for the proposed Scout-RECCE facility construction on the grounds of Fort Campbell. The EBCI THPO concurs this area is exempt from further intensive archaeological testing due to the likelihood for Unexploded Ordinances. This office also concurs with the archaeologist's recommendations regarding the negative findings from the phase I archaeological field survey for the proposed associated utility corridor. The EBCI THPO believes the proposed federal undertaking may proceed as planned. However, in the event that human remains are encountered during the construction phase, all work should cease and this office notified to continue the consultation process.

In addition, the EBCI THPO accepts the invitation to consult regarding the development of an MOA for this project, and discussions for potential alternative intensive archaeological testing of another Fort Campbell site. Please do not hesitate to contact me should you have any questions or concerns.

Sincerely,

Tyler B. Howe
Tribal Historic Preservation Specialist
Eastern Band of Cherokee Indians

From: Grayson, Ronald I USA CIV (US) [<mailto:ronald.i.grayson.civ@mail.mil>]
Sent: Wednesday, December 14, 2011 10:50 AM
To: Tyler B. Howe
Cc: Atkins, Jeffrey J USA CIV (US)
Subject: Digital Consultation for Scout RECCE Range at Fort Campbell (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Mr. Howe:

I am writing this e-mail in accordance with a discussion on the telephone on September 13, 2011 I had with Mr. Russell Townsend. In that conversation Mr. Townsend requested that the hard copy consultation request with your Tribe be sent to Mr. Hicks and that a digital version of the same correspondence package be sent to you. The attached documents describe the proposed construction of a new training Range on Fort Campbell, Kentucky as well as the list of other Federally Recognized Tribes contacted. It is the determination of the U.S. Army that the undertaking will have an Adverse Effect to Historic Properties as defined in 36 CFR 800.

The files are in PDF format and can be viewed using an electronic program such as Adobe Reader:
<http://get.adobe.com/reader/>.

If you have any questions or concerns please feel free to contact me.

ron

Ronald Grayson, M.A., RPA

Archaeologist

Cultural Resources Program Manager

Building 865, 16th Street

Fort Campbell, KY 42223

Phone: (270) 412-8174

Email: ronald.i.grayson.civ@mail.mil <<mailto:ronald.i.grayson.civ@mail.mil>>

** Please Note that my e-mail address has changed. The former address: ronald.i.grayson@us.army.mil <<mailto:Ronald.i.grayson@us.army.mil>> is no longer active. Please update your contacts accordingly.

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Classification: UNCLASSIFIED

Caveats: FOUO

From: Grayson, Ronald I CIV (US)
To: ["CHARLES COLEMAN"](mailto:CHARLES.COLEMAN)
Subject: RE: Digital Consultation for Scout RECCE Range at Fort Campbell (UNCLASSIFIED)
Date: Thursday, December 29, 2011 7:38:00 AM

Classification: UNCLASSIFIED
Caveats: FOUO

Mr. Coleman:

Thanks for your response. Ft. Campbell has 3 MOUs with the Absentee Shawnee Tribe of Oklahoma, Eastern Shawnee Tribe of Oklahoma, and the Shawnee Tribe. However, these agreements have expired and we have not had the personnel capability to reinstate them. We have a Programmatic Agreement that covers base operations that all of the Tribes were contacted on.

ron

-----Original Message-----

From: CHARLES COLEMAN [<mailto:chascoleman@prodigy.net>]
Sent: Thursday, December 29, 2011 7:01 AM
To: Grayson, Ronald I CIV (US)
Subject: Re: Digital Consultation for Scout RECCE Range at Fort Campbell (UNCLASSIFIED)

Good morning Ronald

Thank you for the information.

I do have a question, is there an MOU, or MOA with the Tribes?

It sure makes it easier to work through if there is.

MVTO (thank you)

Charles Coleman
Thlopthlocco Tribal Town

From: "Grayson, Ronald I USA CIV (US)" <ronald.i.grayson.civ@mail.mil>
To: "chascoleman@prodigy.net" <chascoleman@prodigy.net>
Cc: "Atkins, Jeffrey J USA CIV (US)" <jeffrey.j.atkins.civ@mail.mil>
Sent: Wed, December 14, 2011 10:16:08 AM
Subject: Digital Consultation for Scout RECCE Range at Fort Campbell (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Mr. Coleman:

I am writing this e-mail in accordance with our discussion on the telephone on September 16, 2011. In that conversation you requested that the hard copy consultation request with your Tribe be sent to Mr. Scott and that a digital version of the same correspondence package be sent to you. The attached documents describe the proposed construction of a new training Range on Fort Campbell, Kentucky as

well as the list of other Federally Recognized Tribes contacted. It is the determination of the U.S. Army that the undertaking will have an Adverse Effect to Historic Properties as defined in 36 CFR 800.

The files are in PDF format and can be viewed using an electronic program such as Adobe Reader:
<http://get.adobe.com/reader/>.

If you have any questions or concerns please feel free to contact me.

ron

Ronald Grayson, M.A., RPA
Archaeologist
Cultural Resources Program Manager
Building 865, 16th Street
Fort Campbell, KY 42223
Phone: (270) 412-8174
Cell: (863) 257-3601
Email: ronald.i.grayson.civ@mail.mil

** Please Note that my e-mail address has changed. The former address: ronald.i.grayson@us.army.mil <<mailto:Ronald.i.grayson@us.army.mil>> is no longer active. Please update your contacts accordingly.

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