PROGRAMMATIC AGREEMENT
AMONG
NATIONAL GUARD BUREAU,
MISSOURI ARMY NATIONAL GUARD,
THE MISSOURI STATE HISTORIC PRESERVATION OFFICE
AND
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
REGARDING
MANAGEMENT, REPAIR, AND NEW CONSTRUCTION OF FACILITIES AT
CAMP CROWDER TRAINING SITE,
CAMP CLARK TRAINING SITE,
MACON TRAINING SITE, AND
IKE SKELTON TRAINING SITE
MISSOURI

1. WHEREAS, the National Guard Bureau (NGB), as a Federal Agency, is required to comply
   with Section 106 of the National Historic Preservation Act (16 U.S.C. § 470f) (NHPA), as
   US Army Regulation (AR) 200-1, Environmental Protection and Enhancement; and NGB
   provides federal funding and guidance to state Army National Guard organizations in fulfillment
   of their Federal mission; and

2. WHEREAS, MOARNG receives federal funding from NGB to include but not limited to the
   following: to repair and maintain existing facilities, to construct new facilities at state/federally
   owned facilities, to maintain properly trained and equipped units available for prompt
   mobilization for war, national emergency, and/or as otherwise needed; NGB has determined
   that these constitute federal undertakings as defined by 36 CFR § 800.16(y); and

3. WHEREAS, MOARNG has defined the Area Of Potential Effect (APE) for this Programmatic
   Agreement (PA) to be noncontiguous parcels of federal lands at Camp Crowder Training Site
   (4,300 acres), federal and state lands at Camp Clark Training Site (1,287 acres), state lands at
   Macon Training Site (3,152 acres), and state lands at Ike Skelton Training Site (330 acres)
   (Attachment A); and,

4. WHEREAS, many of the projects and activities performed under this PA are routine in nature,
   the effects on historic properties are similar and repetitive; and the MOARNG has completed
   extensive historic property inventory and/or evaluation efforts (Attachment B), and in
   consultation with the State Historic Preservation Office (SHPO), MOARNG and NGB therefore
   seek an alternative way to comply with its responsibilities under Section 106 of the NHPA in
   accordance with 36 CFR § 800.14(b)(2); and

5. WHEREAS, MOARNG has consulted with twenty-four (24) federally recognized Indian tribes
   (Tribes) that attach cultural significance to lands located within the areas that may be affected
   by MOARNG undertakings (Absentee Shawnee of Oklahoma, Caddo Nation of Oklahoma,
   Chickasaw Nation of Oklahoma, Choctaw Nation, Delaware Nation, Eastern Shawnee Tribe of
   Oklahoma, Iowa Tribe of Kansas and Nebraska, Iowa Tribe of Oklahoma, Kaw Nation, Kickapoo
   Tribe of Oklahoma, Miami Tribe of Oklahoma, Muscogee (Creek) Nation of Oklahoma, Omaha
   Tribe of Nebraska, Osage Nation, Peoria Tribe of Indians of Oklahoma, Ponca Tribe of Indians
of Oklahoma, Ponca Tribe of Nebraska, Quapaw Tribe of Oklahoma, Sac & Fox of the Missouri in Kansas and Nebraska, Sac & Fox Nation of Oklahoma, Sac & Fox of the Mississippi in Iowa, the Thlopthlocco Tribal Town of Oklahoma, United Keetoowah Band of Cherokee Indians, and Wyandotte Nation), and has invited the Tribes to sign this PA as concurring parties; and

6. WHEREAS, MOARNG has invited interested historical societies including the Missouri State Historical Society of Missouri, Newton County Historical Society, The Historical City of Jefferson, Macon County Historical Society, and the Bushwhacker Museum, and the Military Historic Council to participate in consultation; and

7. WHEREAS, Absentee Shawnee of Oklahoma, Caddo Nation of Oklahoma, Chickasaw Nation of Oklahoma, Choctaw Nation, Delaware Nation, Eastern Shawnee Tribe of Oklahoma, Iowa Tribe of Kansas and Nebraska, Iowa Tribe of Oklahoma, Kaw Nation, Kickapoo Tribe of Oklahoma, Miami Tribe of Oklahoma, Muscogee (Creek) Nation of Oklahoma, Omaha Tribe of Nebraska, Osage Nation, Peoria Tribe of Indians of Oklahoma, Ponca Tribe of Indians of Oklahoma, Ponca Tribe of Nebraska, Quapaw Tribe of Oklahoma, Sac & Fox of the Missouri in Kansas and Nebraska, Sac & Fox Nation of Oklahoma, Sac & Fox of the Mississippi in Iowa, the Thlopthlocco Tribal Town of Oklahoma, and the Wyandotte Nation opted not to participate in development of this PA; and

8. WHEREAS, The Missouri State Historical Society of Missouri, Newton County Historical Society, The Historical City of Jefferson, Macon County Historical Society, and the Bushwhacker Museum, and the Military Historic Council opted not to participate in development of this PA; and

9. WHEREAS, United Keetoowah Band of Cherokee Indians in Oklahoma, opted to participate in development of this PA, and have been invited to concur; and

10. WHEREAS, MOARNG has afforded the public an opportunity to comment on the PA through the MOARNG’s Web sites (see Attachment C, Terminology) and through local historical societies and museums for each county of the four training sites; and

11. WHEREAS, MOARNG, in accordance with 36 CFR § 800.6(a)(1), has notified the Advisory Council on Historic Preservation (ACHP) of the development of the PA, providing the required documentation, and the ACHP has chosen to participate in accordance with 36 CFR § 800.6(a)(1)(iii); and

12. WHEREAS, The MOARNG has created areas of interactive zones in Geographic Information Systems (GIS); the data zones are generated from MOARNG’s program areas, trainings sites, Section 106 reviews, GIS files, and archaeological surveys defined as “No Historic Properties Affected Zones” (NHPAz); and

13. WHEREAS, MOARNG has not conducted cultural resources inventory studies within the Impact Dudded area at Camp Clark due to human life and safety issues, and does not plan to conduct a historic property inventory study in these impact areas because of human life and safety issues; and

14. WHEREAS, the terms and definitions used in this PA are presented in Attachment C; and
15. NOW, THEREFORE, MOARNG, NGB, SHPO, and the ACHP agree that this PA shall be implemented in accordance with the following stipulations in order to take into account the effects of undertakings on historic properties.

STIPULATIONS

NGB and the MOARNG shall ensure that the following stipulations are implemented:

I. ROLES AND RESPONSIBILITIES

A. MOARNG

1. MOARNG shall employ a Cultural Resources Manager (CRM), who shall serve as the primary point of contact for this PA and shall be responsible for all internal review and coordination with the SHPO and other consulting parties under this PA.

2. MOARNG shall employ, maintain contract with, or obtain through other means, qualified professionals that meet the Secretary of the Interior’s Professional Qualification Standards in disciplines appropriate to the cultural resource projects. The MOARNG shall ensure that the qualified professionals are in place or available at the execution of this PA.

3. MOARNG shall ensure that all historic preservation work carried out pursuant to this PA is carried out by, under the supervision of, or in coordination with the CRM, unless otherwise indicated in this PA.

B. National Guard Bureau

1. NGB is the Federal agency responsible for compliance with Section 106 of the NHPA and Army Regulation 200-1, as carried out under the stipulations of this PA.

2. NGB will participate in the resolution of any disputes regarding determinations of eligibility or effect and the resolution of adverse effects.

II. PROJECT REVIEW

A. Determine the Undertaking

1. The CRM shall determine if the proposed project is an undertaking as defined in 36 CFR § 800.16(y).

   a) If the CRM determines the proposed project is not an undertaking to cause effect as defined in 36 CFR § 800.16(i), MOARNG has no further obligations under this stipulation.
b) If the CRM determines that the proposed project is listed in *Attachment D*, the CRM shall document this determination for inclusion in the Annual Report, and MOARNG has no further obligations under this stipulation.

c) If the CRM determines the proposed project is an undertaking not listed in *Attachment D*, the CRM will continue on in the Project Review process.

B. Define the Area of Potential Effects and Identify Historic Properties for Projects

1. The CRM shall determine and document the APE for undertaking, appropriate to the scope and scale of the undertaking, and considering direct, indirect, and cumulative effects.

2. The CRM shall determine if the undertaking’s APE is solely within a NHPAz using the UnionPA data layer. If the APE is solely within a NHPAz, the CRM shall document this determination for inclusion in the Annual Report, and MOARNG has no further obligations under this stipulation.

3. If the undertaking’s APE is not solely within a NHPAz, the CRM shall determine if cultural resource surveys are required for the APE using the UnionPA data layer for the appropriate training site in the MOARNG GIS system.

   a) If the CRM determines that no additional cultural resource survey is needed, the CRM shall continue on to Stipulation II(B)(5).

   b) If the CRM determines that additional cultural resource surveys are needed, the CRM shall continue on to Stipulation II(B)(4).

4. Evaluation of Surveyed Cultural Resources

   a) Surveys that identify inventoried areas with no archaeological sites, isolated features or artifacts, or other cultural resources will be defined as negative surveys.

      (1) The CRM shall provide reports of negative surveys to SHPO. SHPO shall provide a response to MOARNG of the negative survey determination within 30 days of receipt of all pertinent documentation.
The CRM shall provide a summary of the negative survey to Tribes through an official letter before finalizing the report, and shall provide the full report upon request from the Tribe. The Tribes are under no obligation to provide comments on the negative surveys; however, if they wish MOARNG to consider their comments regarding the negative, Tribes should submit comments in writing within 45 days of receipt of all pertinent documentation. The CRM shall follow up with the Tribes with a phone call if MOARNG has yet to receive a response. If Tribes identify properties of traditional religious and cultural significance and/or Traditional Cultural Properties, the CRM shall proceed to Stipulation II(B)(3)(b) in the Project Review process.

b) All newly identified cultural resources, and any previously identified but unevaluated cultural resources that could be affected by an undertaking, shall be evaluated by MOARNG in accordance with 36 CFR Part 63 “Determination of Eligibility for Inclusion in the National Register of Historic Places” and bulletins, guidance, and documents produced by the National Park Service (NPS), in consultation with SHPO, and Tribes, to determine if they are historic properties.

(1) SHPO shall provide a response to MOARNG eligibility determinations within 30 days of receipt of all pertinent documentation. If MOARNG and SHPO cannot resolve the issue within 30 days, then MOARNG shall forward the dispute to the Keeper of the NRHP for resolution at the conclusion of the 30 day period.

(2) The Tribes are under no obligation to provide comments on the eligibility determinations; however, if they wish MOARNG to consider their comments regarding the eligibility determinations, Tribes should submit comments in writing within 30 days of receiving an official letter with all pertinent documentation. The CRM shall follow up with the Tribes with a phone call if MOARNG has yet to receive a response.

c) MOARNG shall consult with Tribes to identify properties of traditional religious and cultural significance (16 U.S.C. 470 Section 101[d][6][A]) and also potential Traditional Cultural Properties, in accordance with NPS Bulletin 38. Due to their unique nature, properties of traditional religious and cultural significance and Traditional Cultural Property determinations will be handled on a case by case basis, respecting the desires of the Tribes affected while expediting the mission of MOARNG.
5. If the CRM does not identify any historic properties within the APE the
CRM shall document this determination of “No Historic Properties
Affected” for those undertakings for inclusion in the Annual Report, and
MOARNG has no further obligations under this stipulation.

6. If the CRM identifies a historic property that may be directly, indirectly, or
cumulatively affected within the APE, the CRM shall continue on in the
Project Review process.

C. Evaluate Effects of the Undertaking

1. The CRM shall assess the effects of the proposed undertaking on historic
properties, including direct, indirect, and cumulative effects, using the
criteria of adverse effects (36 CFR § 800.5(a)(1)) and will make one of the
following determinations:

a) “No Effect to Historic Properties”: if the CRM determines that
historic properties present in the APE will not be affected by the
undertaking, the CRM shall document this determination for those
undertakings for inclusion in the Annual Report, and MOARNG
has no further obligations under this stipulation.

b) “No Adverse Effect to Historic Properties”: if the CRM determines
that historic properties present in the APE will not be adversely
affected by the undertaking, and the undertaking is not included in
Attachment D, the CRM shall proceed to Stipulation II(C)(2).

c) “Adverse Effect to Historic Properties”: if the CRM determines that
historic properties present in the project APE will be adversely
affected by the undertaking, the CRM shall proceed to Stipulation
II(C)(3).

2. No Adverse Effect to Historic Properties

a) For those undertakings with a finding of “No Adverse Effect to
Historic Properties” the CRM shall provide the SHPO and Tribes
with a packet of information including, but not limited to, the
following:

(1) project description, to include depth and amount of ground
disturbance anticipated;

(2) APE map showing the location of the project and of any
identified historic properties;

(3) description of the historic properties affected;

(4) any photos as necessary; and
finding of effect and request for concurrence on “No
Adverse Effect to Historic Properties” finding from SHPO.

b) The Tribes are under no obligation to provide comments on the
effect determination; however, if they wish MOARNG to consider
their comments regarding the effect determination, Tribes should
submit comments in writing within 30 days of receiving an official
letter. If no comments are received within that time, the CRM shall
make a second attempt to contact the Tribes via a phone call for
comments. MOARNG shall take any tribal comments received into
consideration before concluding the consultation and will notify the
SHPO of any tribal concerns and the MOARNG response to those
concerns.

c) SHPO shall provide a response to MOARNG of the effect
determination within 30 days of receipt of all pertinent
documentation.

(1) If the SHPO concurs with the “No Adverse Effect to
Historic Properties” finding, the CRM shall document this
concurrence for inclusion in the Annual Report, and
MOARNG has no further obligations under this stipulation.

(2) If the SHPO does not concur with the finding of “No
Adverse Effect to Historic Properties,” the CRM shall
consult with the SHPO for no more than a total of 30 days,
or other time period as agreed to between SHPO and the
CRM, upon receipt of SHPO notification of non-
concurrence to attempt to resolve concerns as identified by
the SHPO.

(a) If at the end of the 30 days, or agreed to specified
time, the SHPO concurs with the finding of “No
Adverse Effect to Historic Properties,” the CRM
shall document this concurrence for inclusion in the
Annual Report, and MOARNG has no further
obligations under this stipulation.

(b) If at the end of the 30 days, or agreed to specified
time, the SHPO does not concur with the finding of
“No Adverse Effect to Historic Properties”, the CRM
shall notify the ACHP in accordance with
Stipulation IX.

3. Adverse Effect to Historic Properties
a) For those project undertakings with a finding of “Adverse Effect to Historic Properties” the CRM shall provide the SHPO and Tribes with a packet of information including, but not limited to, the following:

(1) project description, to include depth and amount of ground disturbance anticipated;

(2) project APE map showing the location of the project and of any identified historic properties;

(3) description of the historic properties affected;

(4) any photos as necessary; and

(5) finding of effect and request for concurrence on “Adverse Effect to Historic Properties” finding from SHPO.

b) The Tribes are under no obligation to provide comments on the effect determination; however, if they wish MOARNG to consider their comments regarding the effect determination, Tribes should submit comments in writing within 30 days of receiving an official letter. If no comments are received within that time, the CRM shall make a second attempt to contact the Tribes via a phone call for comments. MOARNG shall take any tribal comments received into consideration before concluding the consultation and will notify the SHPO of any tribal concerns and the MOARNG response to those concerns.

c) SHPO shall provide a response to MOARNG of the effect determination within 30 days of receipt of all pertinent documentation.

(1) If the SHPO concurs with the adverse effects finding, the CRM shall proceed to Stipulation II(D).

(2) If the SHPO does not concur with the finding of adverse effects, the CRM shall consult with the SHPO for no more than a total of 30 days, or other time period as agreed to between SHPO and the CRM, upon receipt of SHPO notification of non-concurrence to attempt to resolve concerns as identified by the SHPO.

(a) If at the end of the 30 days, or agreed to specified time, the SHPO concurs with the finding of adverse effects, the CRM shall proceed to Stipulation II(D).
(b) If at the end of the 30 days, or agreed to specified time, the SHPO does not concur with the finding of "Adverse Effect to Historic Properties", the CRM shall notify NGB, and the ACHP in accordance with Stipulation VII.

D. Resolution of Adverse Effects

1. The CRM shall notify Consulting Parties, and the public, within 15 days of receiving the SHPO’s concurrence of an adverse effect finding for an undertaking using the following process:

   a) The CRM shall prepare and send a notification package for the Consulting Parties, and to the public through other means as appropriate, including a description of the undertaking project, an illustration of the project APE, a list of identified historic properties within the APE, the explanation for the finding of adverse effects, steps taken or considered by MOARNG to avoid or minimize the adverse effects, any SHPO comments received by MOARNG regarding the undertaking, an invitation to participate in a consultation to resolve adverse effects or provide written comments to MOARNG, and a proposed date for a Consulting Parties meeting.

   b) Consulting Parties are under no obligation to provide comments on the effect determination; however, if they wish MOARNG to consider their comments regarding the effect determination, Consulting Parties should submit comments in writing within 30 days of receipt. If no comments are received within that time, the CRM shall make a second attempt to contact the Consulting Parties for comments and if they wish to participate in the resolution of adverse effects. MOARNG shall take any comments received into consideration before concluding the consultation and will notify the SHPO of any concerns and the MOARNG response to those concerns.

2. The CRM shall organize a consultation meeting, to include the SHPO, 45 days after notifying Consulting Parties, to discuss alternatives to avoid, minimize, or mitigate the adverse effects. Additional meetings shall be scheduled as needed.

3. If through consultation with the SHPO and Consulting Parties the undertaking avoids adverse effects, the MOARNG will document the alternatives utilized in an attempt to reduce the effects of the undertaking to a no adverse effects finding in consultation and in concurrence with all participating Consulting Parties and include them in the Annual Report, and MOARNG has no further obligations under this stipulation.
If through consultation with the SHPO and Consulting Parties the adverse effects are minimized or mitigated, then the measures agreed to by MOARNG and NGB, the SHPO, and Consulting Parties can be specified in a Memorandum of Agreement in accordance with 36 CFR § 800.6(c) and filed with the ACHP upon execution.

The ACHP will only participate in the resolution of adverse effects for individual undertakings if a written request is received from MOARNG, NGB, SHPO, or a Tribe.

III. REPORTING ANNUAL REVIEW, AND MONITORING

A. The MOARNG shall provide the NGB, SHPO, the Tribes, and Consulting Parties with an annual report on or before 30 November of each year summarizing activities carried out under the terms of this PA during the previous fiscal year starting 1 October and ending 30 September. The report shall be submitted electronically.

1. Annual reports shall include, but are not limited to:

   a) a list of projects and program activities that fall under Stipulation II;
   
   b) a summary of the determination of effect of the undertaking on an historic property;
   
   c) a summary of mitigation or treatment measures implemented to address the effects of undertakings;
   
   d) proposed changes to the NHPAz/UnionPA data layer; and
   
   e) any comments or concerns raised by the SHPO, Tribes, or Interested Parties regarding specific projects;
   
   f) report any cases of Post Review Discovery

2. MOARNG shall hold an annual teleconference with the Consulting Parties (as appropriate) to review the implementation of this PA and any amendments that may be proposed no later than February 15th, starting 2016 and annually thereafter during the life of this PA. The meeting shall provide an opportunity to discuss the successes and shortcomings of the PA, its general implementation, and any proposed changes, especially establishing the UnionPA data layer that will be used by MOARNG during the implementation of the PA for the coming year.

B. The SHPO may monitor any activities carried out pursuant to this PA. The MOARNG shall cooperate with the SHPO should they request to monitor or review project files for activities carried out pursuant to this PA.
IV. EMERGENCY RESPONSE

A. In the event of an emergency response required to protect human health and safety or to avoid substantial damage or loss of MOARNG facilities or adjacent properties, reasonable and prudent efforts, in coordination with the CRM, shall be made to avoid or reduce adverse effects to historic properties. Following an emergency response that had an adverse effect on historic properties, MOARNG will document the effects in writing and submit a notification of action taken to the signatories within 30 calendar days. Actions taken shall also be included in the Annual Report.

V. POST REVIEW DISCOVERIES

A. If potential historic properties are discovered or unanticipated effects on historic properties are found, MOARNG shall address these post-review discoveries in accordance with 36 C.F.R. § 800.13(b).

VI. ANTI-DEFICIENCY ACT COMPLIANCE

A. All requirements set forth in this PA requiring expenditure of Army funds are expressly subject to the availability of appropriations and the requirements of the Anti-Deficiency Act (31 U.S.C. Section 1341). No obligation undertaken by the Federal Government under the terms of this PA shall require or be interpreted to require a commitment to expend funds not appropriated for a particular purpose.

VII. DISPUTE RESOLUTION

A. Should any signatory or Consulting Party to this PA object at any time to any actions proposed or the manner in which the terms of this PA are implemented, MOARNG and NGB shall consult with such party to resolve the objection. If MOARNG and NGB determines that such objection cannot be resolved, MOARNG and NGB shall:

1. Forward all documentation relevant to the dispute, including MOARNG’s proposed resolution, to the ACHP. The ACHP shall provide MOARNG with its opinion on the resolution of the objection within 30 days of receiving adequate documentation. Prior to reaching a final decision on the dispute MOARNG and NGB shall prepare a written response that takes into account any timely opinion or comments regarding the dispute from the ACHP, signatories and Consulting Parties, and provide them with a copy of this written response. MOARNG and NGB will then proceed according to its final decision.
2. If the ACHP does not provide its comments regarding the dispute within the 30 day time period, MOARNG and NGB may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, MOARNG and NGB shall prepare a written response that takes into account any timely comments regarding the dispute from the signatories and Consulting Parties to the PA, and provide them and the ACHP with a copy of such written response.

B. If the ACHP does not provide its advice regarding the dispute within the thirty (30) day time period, MOARNG (in consultation with NGB), may make a final decision.

C. At any time during implementation of the measures stipulated in this PA, should an objection pertaining to this PA or the effect of an undertaking on historic properties be raised by a member of the public, MOARNG shall notify the parties to this PA and take the objection into account, consulting with the objector and, should the objector so request, with any of the parties to this PA to resolve the objection.

VIII. AMENDMENTS

A. This PA may be amended when such an amendment is agreed to in writing by all signatories. The amendment will be effective on the date a copy signed by all of the signatories is filed with the ACHP.

IX. TERMINATION

A. If any signatory to this PA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation VIII. If within 30 calendar days (or another time period agreed to by all signatories) an amendment cannot be reached, any signatory may terminate the PA upon written notification to the other signatories.

B. Once the PA is terminated and prior to work continuing on individual undertakings, MOARNG must either (a) execute a new PA pursuant to 36 CFR § 800.14(b)(2) or (b) comply with 36 CFR Part 800 with regard to each undertaking. MOARNG shall notify the signatories as to the course of action it will pursue.

X. DURATION

A. This PA shall take into effect on the date it is signed by the last signatory and will remain in effect for 10 years from the date of the last signature unless terminated pursuant to Stipulation. No extension or modification will be effective unless all signatories have agreed in writing.

B. The PA will be reviewed at a 5 year period and one year in advance to the start of the renewal of the PA.
EXECUTION of this PA by the MOARNG, NGB, SHPO, and the ACHP and implementation of its terms evidence that MOARNG and NGB has taken into account the effects of this undertaking on historic properties and afforded the ACHP an opportunity to comment.
PROGRAMMATIC AGREEMENT
AMONG
NATIONAL GUARD BUREAU,
MISSOURI ARMY NATIONAL GUARD,
THE MISSOURI STATE HISTORIC PRESERVATION OFFICE
AND
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
REGARDING
MANAGEMENT, REPAIR, AND NEW CONSTRUCTION OF FACILITIES AT
CAMP CROWDER TRAINING SITE,
CAMP CLARK TRAINING SITE,
MACON TRAINING SITE, AND
IKE SKELTON TRAINING SITE
MISSOURI

SIGNATORY
NATIONAL GUARD BUREAU

By: ___________________________  Date: __________________

WILLIAM M. MYER
Colonel, US Army
Chief, Environmental
Programs Division
PROGRAMMATIC AGREEMENT

AMONG

NATIONAL GUARD BUREAU,
MISSOURI ARMY NATIONAL GUARD,
THE MISSOURI STATE HISTORIC PRESERVATION OFFICE
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REGARDING

MANAGEMENT, REPAIR, AND NEW CONSTRUCTION OF FACILITIES AT
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MISSOURI

SIGNATORY

MISSOURI ARMY NATIONAL GUARD

By: ___________________________________ Date: ______________________

STEPHEN L. DANNER
Major General, Missouri Army National Guard
The Adjutant General
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MISSOURI

SIGNATORY
MISSOURI STATE HISTORIC PRESERVATION OFFICER
By:________________________________ Date:_______________________
MARK A. MILES
Director and Deputy
State Historic Preservation Officer
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SIGNATORY

ADVISORY COUNCIL ON HISTORIC PRESERVATION

By: _____________________________ Date: ______________________

JOHN M. FOWLER
Executive Director
Programmatic Agreement
MOARNG Management, Repair, and New Construction at
Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS

Programmatic Agreement
AMONG
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MISSOURI

RESERVED FOR CONCURRING PARTIES AS APPROPRIATE
ATTACHMENT A:
Area Of Potential Effect (APE) for noncontiguous parcels Camp Crowder Training Site, Camp Clark Training Site, Macon Training Site, and Ike Skelton Training Site

Camp Crowder Training Site (29155)

Camp Crowder (CCR) is located in the south-central part of Newton County along the McDonald County line, approximately three miles south of Neosho. CCR encompasses approximately 4,300 acres of federally-owned land administered by the United States Army Corps of Engineers (USACE) and located over multiple sections within Township 24 North and Range 32 West.

Camp Clark Training Site (29505)

Camp Clark (CCL) is located in Nevada Missouri, Vernon County. It occupies four sections within Township 35 North and Ranges 30 and 31 West. CCL encompasses approximately 1,287 acres. The northern half of CCL is comprised of state-owned land, while the southern half is comprised of federally-owned; land administered by the United States Army Corps of Engineers (USACE) and licensed to the MOARNG.

Macon Training Site (29B78)

Macon Training Site (MTS) is located in north-central Missouri approximately three miles southwest of the city of Macon in Macon County. The MTS is a state-owned facility that is comprised of three non-contiguous parcels: Baker’s Acres, Wooly Acres, and South 61 (3,152 acres).

Ike Skelton Training Site (29B16)

Ike Skelton Training Site (ISTS) is located in the extreme northeast portion of Cole County, Missouri, within Land Grants 2616 and 2895. The facility is situated on a blufftop overlooking the Missouri River to the immediate north. The confluence of the Missouri and Osage Rivers is located approximately four miles to the northeast of the training site.
Figure 1. Location of MOARNG Training Sites.
Figure 2. Location of Camp Crowder.
Map A-3

Key & Legend Box

- Camp Clark Boundary

Installation ID 29505
Acres 1,287

Location of MOARNG Training Sites
Programmatic Agreement
2014

Missouri Army National Guard

The MOARNG/MDS is not liable for or guarantees the accuracy of this data, for reference use only. Data derived from GPR, ortho, aerial, images, etc, are subject to the public domain.

Notes: Spatial data courtesy of MOARNG.
Coordinate System: NAD 1983 UTM Zone 15N
Units: Meter

Figure 3. Location of Camp Clark.
Programmatic Agreement
MOARNG Management, Repair, and New Construction at
Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS
Attachment A

Figure 4. Location of Macon TS.
Figure 5. Location of Ike Skelton TS.
## ATTACHMENT B: RESOURCE SURVEYS

### Camp Crowder Training Site

**Table 1. Cultural Resources GIS Data Layer for Camp Crowder.**

<table>
<thead>
<tr>
<th>Site Description</th>
<th>Cultural ID</th>
<th>Significance</th>
<th>Training Site</th>
<th>Installation ID</th>
<th>Recommend</th>
<th>Sitename</th>
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<td>Eligible</td>
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Programmatic Agreement
MOARNG Management, Repair, and New Construction at Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS
Attachment B

Page B1 of B6
Programmatic Agreement
MOARNG Management, Repair, and New Construction at
Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS
Attachment B

Table 2. CRM Survey GIS Data Layer for Camp Crowder.

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Table 3. List of Training Areas for GIS Data Layers for Camp Crowder.

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Table 4. Ranges GIS Data Layers for Camp Crowder.

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Table 5. Natural Resources GIS Data Layers for Camp Crowder.

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Table 6. Additional GIS Files for Camp Crowder.

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<td>Testing</td>
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<td>No Testing</td>
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<td>Eligible</td>
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<td>WPA Wall</td>
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<td>Eligible</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Protection</td>
<td>23VE1213</td>
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<td>Protection</td>
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<td>29505</td>
<td>Protection</td>
<td>23VE155</td>
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<td>Eligible</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Testing</td>
<td>MOARNG07</td>
</tr>
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<td>Not Eligible</td>
<td>Camp Clark</td>
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<td>No Testing</td>
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</table>

Table 8. CRM Survey GIS Data Layer for Camp Clark.

<table>
<thead>
<tr>
<th>Survey</th>
<th>Training Area</th>
<th>Installation ID</th>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Research Center</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Camp Clark Substation</td>
<td>1984</td>
</tr>
<tr>
<td>Environmental Research Center</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Phase I</td>
<td>1992</td>
</tr>
<tr>
<td>AMEC</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Phase I Limited Phase II</td>
<td>2005</td>
</tr>
<tr>
<td>AMEC</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Phase I &amp; Phase II WWII POW</td>
<td>2005</td>
</tr>
<tr>
<td>Archaeological Research Center</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Ranges Survey</td>
<td>2006</td>
</tr>
<tr>
<td>Archaeological Research Center</td>
<td>Camp Clark</td>
<td>29505</td>
<td>POW/WPA Wall Survey</td>
<td>2006</td>
</tr>
<tr>
<td>AMEC</td>
<td>Camp Clark</td>
<td>29505</td>
<td>WWII POW Phase II</td>
<td>2011</td>
</tr>
<tr>
<td>AMEC</td>
<td>Camp Clark</td>
<td>29505</td>
<td>Geophysical Cantonment Area</td>
<td>2011</td>
</tr>
<tr>
<td>Archaeological Research Center</td>
<td>Camp Clark</td>
<td>29505</td>
<td>WWII POW</td>
<td>2013</td>
</tr>
</tbody>
</table>

Table 9. List of Training Areas for GIS Data Layers for Camp Clark.

<table>
<thead>
<tr>
<th>Training Area</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheeled Vehicle Driver Course</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>Confidence Course</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>Simulator Building 472A</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
</tbody>
</table>
Table 10. Ranges GIS Data Layers for Camp Clark.

<table>
<thead>
<tr>
<th>Range</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-4 (SUB-CAL)/M2 Range Plastic</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>Combat Pistol Qualification Course</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>Nonstandard Small Arms Range</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>M 203 Grenade LCHR Range (TP Rounds Only)</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>Hand Grenade Qualification Range-Non-Fire</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
<tr>
<td>BSC 10-25 Meter Range</td>
<td>Camp Clark</td>
<td>29505</td>
</tr>
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</table>

Table 11. Natural Resources GIS Data Layers for Camp Clark.

<table>
<thead>
<tr>
<th>Program Area</th>
<th>Training Site</th>
<th>Program Area</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wildland &amp; Prescribed Fire Management</td>
<td>Camp Clark</td>
<td>Integrated Training Area Management</td>
<td>29505</td>
</tr>
<tr>
<td>Soil Conservation Management</td>
<td>Camp Clark</td>
<td>Maintenance &amp; Operations Management</td>
<td>29505</td>
</tr>
<tr>
<td>Forestry Management</td>
<td>Camp Clark</td>
<td>Environmental Management</td>
<td>29505</td>
</tr>
<tr>
<td>Wetlands Management</td>
<td>Camp Clark</td>
<td>Environmental Management</td>
<td>29505</td>
</tr>
<tr>
<td>Vegetative Management</td>
<td>Camp Clark</td>
<td>Integrated Training Area Management</td>
<td>29505</td>
</tr>
<tr>
<td>Wildlife Management</td>
<td>Camp Clark</td>
<td></td>
<td>29505</td>
</tr>
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</table>

Table 12. Additional GIS Files for Camp Clark.

<table>
<thead>
<tr>
<th>GIS File</th>
<th>Training Site</th>
<th>Program Area</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borrow Areas</td>
<td>Camp Clark</td>
<td>Environment</td>
<td>29505</td>
</tr>
<tr>
<td>Cantonment</td>
<td>Camp Clark</td>
<td>Maintenance</td>
<td>29505</td>
</tr>
<tr>
<td>Bodies of Water</td>
<td>Camp Clark</td>
<td>Environment</td>
<td>29505</td>
</tr>
<tr>
<td>Roads &amp; Trails</td>
<td>Camp Clark</td>
<td>Environmental Management</td>
<td>29505</td>
</tr>
<tr>
<td>Impact Dudded Area</td>
<td>Camp Clark</td>
<td>Maintenance &amp; Operations Management</td>
<td>29505</td>
</tr>
<tr>
<td>Landing Zones Area</td>
<td>Camp Clark</td>
<td>Integrated Training Area Management</td>
<td>29505</td>
</tr>
<tr>
<td>2012 Aerial</td>
<td>Vernon</td>
<td>Data Raster Set</td>
<td>MO Spatial Data</td>
</tr>
</tbody>
</table>

Macon Training Site

Table 13. Cultural Resources GIS Data Layer for Macon TS.

<table>
<thead>
<tr>
<th>Site Description</th>
<th>Cultural ID</th>
<th>Significance</th>
<th>Site Desc</th>
<th>Training Site</th>
<th>Installation ID</th>
<th>Recommend</th>
<th>Sitename</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prehistoric</td>
<td>Prehistoric</td>
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<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC395</td>
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</tr>
<tr>
<td>Lithic Scatter</td>
<td>Prehistoric</td>
<td>Not Eligible</td>
<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC393</td>
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<td>Not Eligible</td>
<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC394</td>
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<tr>
<td>Lithic Scatter</td>
<td>Prehistoric</td>
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<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC406</td>
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<td>Prehistoric</td>
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<td>Macon</td>
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<td>Prehistoric</td>
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<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC390</td>
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<td>Not Eligible</td>
<td>Macon</td>
<td>29B78</td>
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<td>Not Eligible</td>
<td>Macon</td>
<td>29B78</td>
<td>No Testing</td>
<td>23MC396</td>
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<td>Not Eligible</td>
<td>Macon</td>
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<td>23MC001</td>
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Table 14. CRM Survey GIS Data Layer for Macon TS.

<table>
<thead>
<tr>
<th>Survey</th>
<th>Training Area</th>
<th>Installation ID</th>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Research Center</td>
<td>Macon</td>
<td>29B78</td>
<td>Phase I</td>
<td>1991</td>
</tr>
<tr>
<td>Archaeological Research Center</td>
<td>Macon</td>
<td>29B78</td>
<td>Phase I &amp; Phase II</td>
<td>2006</td>
</tr>
<tr>
<td>Center for Archaeological Research</td>
<td>Macon</td>
<td>29B78</td>
<td>Baker’s &amp; Wooly Tracts</td>
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Table 15. List of Training Areas for GIS Data Layers for Macon TS.

<table>
<thead>
<tr>
<th>Training Area</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counter Mobility TA Woody Acres</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Bailey Bridge TA Baker’s Acres</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Equipment Training Area Baker’s Acres</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Military Operation Urban Terrain MOUT Baker’s Acres</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Floating Bridge Site TA South 61</td>
<td>Macon</td>
<td>29B78</td>
</tr>
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</table>

Table 16. Ranges GIS Data Layers for Macon TS.

<table>
<thead>
<tr>
<th>Range</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Demo Range South 61</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Zero Range-M16 South 61</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Machine Gun Transition 50 Cal Plastic South 61</td>
<td>Macon</td>
<td>29B78</td>
</tr>
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</table>

Table 17. Natural Resources GIS Data Layers for Macon TS.

<table>
<thead>
<tr>
<th>Program Area</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wildland &amp; Prescribed Fire Management</td>
<td>Macon</td>
<td>29B78</td>
</tr>
<tr>
<td>Soil Conservation Management</td>
<td>Macon</td>
<td>29B78</td>
</tr>
</tbody>
</table>
Table 18. Additional GIS Files for Macon TS.

<table>
<thead>
<tr>
<th>GIS File</th>
<th>Training Site</th>
<th>Program Area</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borrow Areas</td>
<td>Camp Clark</td>
<td>Integrated Training Area Management</td>
<td>29B505</td>
</tr>
<tr>
<td>Cantonment</td>
<td>Camp Clark</td>
<td>Maintenance &amp; Operations Management</td>
<td>29B505</td>
</tr>
<tr>
<td>Bodies of Water</td>
<td>Camp Clark</td>
<td>Environmental Management</td>
<td>29B505</td>
</tr>
<tr>
<td>Roads &amp; Trails</td>
<td>Camp Clark</td>
<td>Environmental Management</td>
<td>29B505</td>
</tr>
<tr>
<td>2012 Aerial</td>
<td>Macon</td>
<td>Data Raster Set</td>
<td>MO Spatial Data</td>
</tr>
</tbody>
</table>

Ike Skelton Training Site

Table 19. Cultural Resources GIS Data Layer for ISTS.

<table>
<thead>
<tr>
<th>Site Description</th>
<th>Cultural ID</th>
<th>Significance</th>
<th>Training Site</th>
<th>Installation ID</th>
<th>Recommend</th>
<th>Sitemap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prehistoric</td>
<td></td>
<td>Not Eligible</td>
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<td>29B16</td>
<td>No Testing</td>
<td></td>
</tr>
<tr>
<td>Prehistoric</td>
<td></td>
<td>Not Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>No Testing</td>
<td></td>
</tr>
<tr>
<td>Archaic</td>
<td></td>
<td>Not Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>No Testing</td>
<td></td>
</tr>
<tr>
<td>E. Wood- E. Miss</td>
<td>29B16</td>
<td>Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Testing</td>
<td></td>
</tr>
<tr>
<td>Late Woodland</td>
<td>29B16</td>
<td>Not Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>No Testing</td>
<td></td>
</tr>
<tr>
<td>Archaic</td>
<td>29B16</td>
<td>Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Protection</td>
<td></td>
</tr>
<tr>
<td>19th Burials/wood</td>
<td>29B16</td>
<td>Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Protection</td>
<td></td>
</tr>
<tr>
<td>Prehistoric</td>
<td>29B16</td>
<td>Not Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>No Testing</td>
<td></td>
</tr>
<tr>
<td>E Wood-E Miss</td>
<td>29B16</td>
<td>Eligible</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Protection</td>
<td></td>
</tr>
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</table>

Table 20. CRM Survey GIS Data Layer for ISTS.

<table>
<thead>
<tr>
<th>Survey</th>
<th>Training Area</th>
<th>Installation ID</th>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Research Center</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Intensive Cultural Survey Phase I</td>
<td>1977</td>
</tr>
<tr>
<td>Environmental Research Center</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Moreau-Marioa Delta 161kV Line</td>
<td>2005</td>
</tr>
<tr>
<td>Archaeological Research Center</td>
<td>Ike Skelton</td>
<td>29B16</td>
<td>Phase II</td>
<td>2013</td>
</tr>
</tbody>
</table>

Table 21. List of Training Areas for GIS Data Layers for ISTS.

<table>
<thead>
<tr>
<th>Training Area</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Training Area</td>
<td>Ike Skelton</td>
<td>29B16</td>
</tr>
<tr>
<td>Equipment Parking Areas</td>
<td>Ike Skelton</td>
<td>29B16</td>
</tr>
</tbody>
</table>

Table 22. Ranges GIS Data Layers for ISTS.

<table>
<thead>
<tr>
<th>Range</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Arms Non-Operational</td>
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<td>29B16</td>
</tr>
</tbody>
</table>

Table 23. Natural Resources GIS Data Layers for ISTS.

<table>
<thead>
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<th>Program Area</th>
<th>Training Site</th>
<th>Installation ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wildland &amp; Prescribed Fire Management</td>
<td>Ike Skelton</td>
<td>29B16</td>
</tr>
<tr>
<td>Soil Conservation Management</td>
<td>Ike Skelton</td>
<td>29B16</td>
</tr>
<tr>
<td>29B16 Forestry Management</td>
<td>Ike Skelton</td>
<td>29B16</td>
</tr>
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<td>Wetlands Management</td>
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<tr>
<td>Vegetative Management</td>
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</tr>
<tr>
<td>Wildlife Management</td>
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Table 24. Additional GIS Files for ISTS.

<table>
<thead>
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<th>GIS File</th>
<th>Training Site</th>
<th>Program Area</th>
<th>Installation ID</th>
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<td>Bodies of Water</td>
<td>Ike Skelton</td>
<td>Maintenance Operations</td>
<td>29B16</td>
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<tr>
<td>Roads &amp; Trails</td>
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<tr>
<td>2012 Aerial</td>
<td>Cole</td>
<td>Data Raster Set</td>
<td>MO Spatial Data</td>
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</table>
ATTACHMENT C:
TERMINOLOGY

Terms are defined for the purpose of cultural resource management and do not always follow standard dictionary definitions.

Adverse Effect: An adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. (36 CFR 800.5(a)(1))

Advisory Council on Historic Preservation (ACHP): The ACHP was established by Title II of the National Historic Preservation Act to advise the president and Congress, to encourage private and public interest in historic preservation, and to comment on Federal agency action under Section 106 of the National Historic Preservation Act.

American Indian Tribe: Any Tribe, band, nation, or other organized American Indian group or community of Indians, including any Alaska Native village or corporation as defined in or established by the Alaska Native Claims Settlement Act (43 USC 1601 et seq.) that is recognized as eligible for special programs and services provided by the United States to Indians because of their status as Indians (36 CFR 800.16[m]). Such acknowledged or “Federally recognized” American Indian Tribes exist as unique political entities in a government-to-government relationship with the United States. The Bureau of Indian Affairs maintains the listing of Tribes.

Archaeological Artifacts: An object, a component of an object, a fragment of an object, that was made or used by humans; a soil, botanical or other sample of archaeological interest.

Archaeological Records: Notes, drawings, photographs, plans, computer databases, reports, and any other audio-visual records related to the archaeological investigation of a site.

Archaeological Resource: Any material of human life or activities that is at least 100 years of age and is of archaeological interest (32 CFR 229.3(a)).

Area of Potential Effect (APE): “The geographical area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The area of potential effects is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking” (36 CFR 800.16[d]).

Building: An enclosed structure with walls and a roof consciously created to serve some residential, industrial, commercial, agricultural, or other human use.

Categorical Exclusion (CATEX): Under NEPA, a CATEX is “a category of actions which do not individually or cumulatively have a significant effect on the human environment and which have been found to have no such effect in procedures adopted by a Federal agency in implementation of these regulations (Sec. 1507.3) and for which, therefore, neither an
environmental assessment nor an environmental impact statement is required. An agency may
decide in its procedures or otherwise, to prepare environmental assessments for the reasons
stated in Sec. 1508.9 even though it is not required to do so. Any procedures under this section
shall provide for extraordinary circumstances in which a normally excluded action may have a
significant environmental effect” (NEPA 1508.4).

**Code of Federal Regulations (CFR):** Includes the government-wide regulations that all
Federal agencies must follow and have the force of law.

**Comprehensive Agreements:** Under NAGPRA, a comprehensive agreement is an agreement
document that Federal agencies use when consulting with Tribes to address land management
activities that may result in the planned or inadvertent discovery of human remains, funerary
objects, sacred objects, or objects of cultural patrimony.

**Cultural Landscape:** A geographic area, including both cultural and natural resources and the
wildlife or domestic animals therein, associated with a historic event, activity, or person or
exhibiting other cultural or aesthetic values. There are four general kinds of cultural landscape,
not mutually exclusive: historic sites, historic designed landscapes, historic vernacular
landscapes, and ethnographic landscapes.

**Cumulative Impacts:** Impacts on the environment which result from the incremental impacts of
actions over time. Cumulative impacts can result from individually minor but collectively
significant actions.

**Cultural Landscape Approach:** To serve as an organizing principle for cultural and natural
features in the same way that the idea of an ecosystem serves as an organizing principle for
different parts of the natural environment.

**Cultural Resource:** An aspect of a cultural system that is valued by or significantly
representative of a culture or that contains significant information about a culture. A cultural
resource may be a tangible entity or a cultural practice. Tangible cultural resources are
categorized as districts, sites, buildings, structures, and objects for the National Register of
Historic Places and as archaeological resources, cultural landscapes, structures, museum
objects, and ethnographic resources for NPS management purposes.

**Cultural Resource (GIS):** Culture resource survey reports were conducted for the training sites

**Cultural Resource Management:** The range of activities aimed at understanding, preserving,
and providing for cultural resources. It includes research related to cultural resources, planning
for actions affecting them, and stewardship of them in the context of overall operations. It also
includes support for the appreciation and perpetuation of related cultural practices, as
appropriate.

**Cultural Resource Manager:** A person professionally trained in one of the cultural resource
fields. Included are anthropologists (applied cultural anthropologists, archaeologists,
ethnographers, and ethnohistorians), architectural historians, architectural conservators,
archivists, curators, historians, historical architects, historical landscape architects, landscape historians, and object conservators.

Concurring Parties: The agency official may invite all consulting parties to concur in the agreement document. The signatories may agree to invite others to concur. The refusal of any party invited to concur in the agreement does not invalidate the agreement document.

Cyclic maintenance: Maintenance performed less frequently than annually; usually involves replacement or at least mending of material.

Data Recovery (salvage): Recovery, through professional investigations and documentation, of significant cultural resource materials and data in lieu of in-place resource preservation.

Environmental Assessment (EA): Is “a concise public document for which a Federal agency is responsible that serves to briefly provide sufficient evidence and analysis for determining whether to prepare an environmental impact statement or a finding of no significant impact, aid an agency’s compliance with [NEPA] when no environmental impact statement is necessary, and facilitates preparation of a statement when one is necessary” (NEPA Sect 1508.9).

Effect: The alteration to the characteristics of a historic property which qualify it for inclusion in, or eligibility for, the National Register of Historic Places. (36 CFR 800.16(i))

Evaluation: Process by which the significance of a property is judged and eligibility for National Register of Historic Places is determined. Can be interchanged with Phase II survey.

Excavation: The scientific examination of an archaeological site through layer-by-layer removal and study of the contents within prescribed surface units, e.g., square meters.

Facilities: Are installations, training sites, and/or buildings.

Feature (archaeological): Non-portable object, not recoverable from its matrix (usually in an archaeological site) without destroying its integrity. Examples are rock paintings, hearths, post holes, floors, and walls.

Federally Recognized Indian Tribe: Fundamental units recognized by the Bureau of Indian Affairs (BIA) for certain federal government purposes. They have a government-to-government relationship with the United States (NHPA) (NAGPRA).

Finding of No Significant Impact (FNSI): A document “by a Federal agency briefly presenting the reasons why an action, not otherwise excluded (Sec. 1508.4), will not have a significant effect on the human environment and for which an environmental impact statement therefore will not be prepared. It shall include the environmental assessment or a summary of it and shall note any other environmental documents related to it (Sec. 1501.7(a)(5)). If the assessment is included, the finding need not repeat any of the discussion in the assessment but may incorporate it by reference” (NEPA Sect 1508.13).
Geographical Information System (GIS): In PA, an electronic maps that can provide information regarding identified structures and archaeological sites that are potentially NRHP-eligible, or that have been determined eligible for the NRHP.

Geographic Data Layer Zones (GIS Data Layer Zones): Are geographical layers created by combing two or more data layers such as: Cultural Resources, Roads, and Land Cover into one data layer (Data Layer Zone is the same).

Historic Character: The sum of all visual aspects, features, materials, and spaces associated with a property's history.

Historic Context: An organizing structure created for planning purposes that groups information about historic properties based on common themes, time periods, and geographical areas.

Historic District: A geographically definable area, urban or rural, possessing a significant concentration, linkage, or continuity of sites, landscapes, structures, or objects, united by past events or aesthetically by plan or physical developments. A district may also be composed of individual elements separated geographically but linked by association or history. (See National Register Bulletin 15.)

Historic Landscape: A cultural landscape associated with events, persons, design styles, or ways of life that are significant in American history, landscape architecture, archaeology, engineering, and culture; a landscape listed in or eligible for the National Register of Historic Places.

Historic Property: Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria. (36 CFR 800.16(l))

Historic Site: The site of a significant event, prehistoric or historic occupation or activity, or structure or landscape whether extant or vanished, where the site itself possesses historical, cultural, or archaeological value apart from the value of any existing structure or landscape; see cultural landscape.

Historic Significance: The meaning or value ascribed to a structure, landscape, object, or site based on the National Register criteria for evaluation. It normally stems from a combination of association and integrity.

Inadvertent Discoveries: Unexpected findings of historic properties. They may be recovered during an undertaking for which review has been previously conducted and completed under Section III and Section IV of the Programmatic Agreement. Inadvertent discoveries may also occur as a result of events such as erosion or animal activity.
Programmatic Agreement

MOARNG Management, Repair, and New Construction at
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Attachment C

Installation: For real property purposes, an installation is a single site or a grouping of two or more sites for inventory reporting. Each state represents a single virtual installation consisting of all sites the state Final Army National Guard Cultural Resources Handbook 2013 111 controls except sites designated as training installations. Training installations can be their own installations if they have their own command structure and if ARNG-ILI and ARNG-TR have jointly agreed that they may be listed as their own ARNG training installation. One or more sites may be assigned to any one installation but each can only be assigned to a single installation. An installation can exist in three possible forms:

- A single site designated as an installation, (e.g., Camp Roberts, California);
- Several noncontiguous or contiguous sites grouped together as a single ARNG training installation (e.g., Camp Shelby, Mississippi).
- Several contiguous or noncontiguous sites grouped together as a single virtual installation, (e.g., ARNG manages all the sites in a single state as a virtual installation).

Integrity: The authenticity of a property's historic identity, evidenced by the survival of physical characteristics that existed during its historic or prehistoric period; the extent to which a property retains its historic appearance.

Interactive Zones: Are GIS Layers that are combined together to produce GIS data zones. Archaeological surveys and Section 106 reviews would be an interactive zone.

Inventory: Phase I survey. The physical testing of an area of potential effect (APE) for the absence or presence of cultural resources can be interchanged with Phase I survey.

Invited Signatories: The agency official may invite additional parties to be signatories to an agreement document. Any such party that signs the document shall have the same rights with regard to seeking amendment or termination of the agreement as other signatories.

Memorandum of Agreement (MOA): A formal written agreement “that records the terms and conditions agreed upon to resolve the adverse effects of an undertaking upon historic properties” (36 CFR 800.16 [o]).

Mitigation: Mitigation includes (a) avoiding the impact altogether by not taking a certain action or parts of an action; (b) minimizing impacts by limiting the degree or magnitude of the action and its implementation; (c) rectifying the impact by repairing, rehabilitating, or restoring the affected environment; (d) reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; or (e) compensating for the impact by replacing or providing substitute resources or environments. (40 CFR 1500, Regulations for Implementing NEPA)

Native American: Pertaining to American Indian tribes or groups, Eskimos and Aleuts, and Native Hawaiians, Samoans, Chamorros, and Carolinians of the Pacific Islands. Groups recognized by the federal and state governments and named groups with long-term social and political identities who are defined by themselves and others as Indian are included.
Negative Survey: A survey completed for the identification of cultural resources where no such cultural resources were identified.

No Historic Property Affected Zone (NHPAZ): Is a GIS coverage created by several interactive zones to produce a zone where there is no potential for historic properties to be affected. The GIS coverage’s used to create the interactive zone is called the UnionPA. The UnionPA is created by Range Operations Management, Base Operations, Maintenance & Operations Management, Environment, and Integrated Training Area Management, with Forestry Management and wildlife Management, Vegetative Management, and Soil Conservation Management program categories.

Parcel: A parcel is a contiguous piece or pieces of land described in a single real estate instrument. A parcel can also be described as a specific area of land whose perimeter is delineated by metes and bounds or other survey methods. A parcel represents each individual land acquisition by deed or grant (e.g., each separate real estate transaction). A single, real estate transaction may acquire multiple parcels. Each parcel is shown by a single lot record in the real property inventory. Parcels are, therefore, the building blocks of land for a site. A parcel is created by a real estate transaction whereby a military department or the state acquires an interest in land, and a legal instrument evidences the interest so acquired. Final Army National Guard Cultural Resources Handbook 112 2013

Predictive Model: Modeling used to determine areas of high, medium, and low archaeological potential.

Programmatic Agreement (PA): A formal agreement between agencies to modify and/or replace the project by project Section 106 (36 CFR 800.3-800.6) process for numerous undertakings in a program. It will record “the terms and conditions agreed upon to resolve the potential adverse effects of a Federal agency program, complex undertaking or other situations in accordance with 36 CFR 800.14 (b)” (36 CFR 800.16 [t]).

Program Categories: Are the MOARNG programs that they use are within their program system within the Conservation Program and Compliance Program. They are daily routine actives that take place to full mission drive projects.

Public Opportunity: The PA will be available at each of the four training sites and on the public MOARNG website and Facebook site under Community (www.moguard.com). The PA is located at each of the historical societies, (Missouri State Historical Society of Missouri, Newton County Historical Society, The Historical City of Jefferson, Macon County Historical Society, and the Bushwhacker Museum, and the Military Historic Council) that were asked to provide comment on the PA.

Record of Environmental Consideration (REC): A document that is used to explain how an action is covered in a CATEX.

Period of significance: The span of time in which a property attained the significance for which it meets the National Register criteria.
Previously disturbed: Refers to past direct, indirect, and cumulative disturbances within the area of potential effect (APE) for the undertaking. The disturbances within an area’s surface dimensions, alignment, and depth must have been documented by a qualified archaeologist prior to the project under review.

Section 106: Under the NHPA, Section 106 provides direction for Federal agencies regarding undertakings that affect properties listed or those eligible for listing in the NRHP, and is implemented by regulations (36 CFR 800), issued by the ACHP.

Section 110: Under the NHPA, Section 110 outlines agencies’ responsibilities with respect to historic properties and requires Federal agencies to locate, inventory, and nominate all properties that may qualify for the NRHP.

Section 111: Under the NHPA, Section 111 addresses leases and exchanges of historic properties. This allows the agency to retain proceeds from any lease for use in defraying the costs of administration, maintenance, repair, and related expenses of historic properties.

Signatories: The signatories have sole authority to execute, amend or terminate an agreement document.

Site: In the broadest terms a site is a geographic location. In more focused terms, a site is a specific area of land consisting of a single parcel or several contiguous parcels. Each site must be able to produce a closed cadastral survey. A site can be any physical location that is or was owned by, leased to, or otherwise possessed by one Military Service or state (for National Guard purposes), to include locations under the jurisdiction of the Army National Guard (ARNG) where a hazardous substance has been deposited, stored, disposed of, placed, or otherwise came to be located. Do not combine Federal parcels with state parcels in a single site, even if contiguous. There will be no sites that contain both Federal and state-owned property; create separate sites.

Site Locational Models: A model, through past examples, used to predict locations of archaeological sites.

State Historic Preservation Officer (SHPO): The “official appointed or designated pursuant to section 101(b)(1) of the [NHPA] to administer the State historic preservation program or a representative designated to act for the State historic preservation officer” (36 CFR 800.16 [v]).

Survey: A scientific sampling of the extent and nature of archaeological resources within a specific area.

Traditional Cultural Property (TCP): A TCP is a tangible property such as a site, building, structure, district, or object, which demonstrates relevance to traditional religious and cultural practices.

Treatment: Cultural resources are subject to several basic treatments, including (1) preservation in their existing states; (2) rehabilitation to serve contemporary uses, consistent with their integrity and character; and (3) restoration to earlier appearances by the removal of
later additions and replacement of missing elements. Decisions regarding which treatments will
best ensure the preservation and public enjoyment of particular cultural resources will be
reached through the planning and compliance process. (NPS Management Practices, 2006,
5.3.5)

Tribal Historic Preservation Officer (THPO): A THPO appointed “by the tribe’s chief
governing authority or designated by a tribal ordinance or preservation program who has
assumed the responsibilities of the SHPO for purposes of section 106 compliance on tribal
lands in accordance with section 101(d)(2) of the [NHPA]” (36 CFR 800.16 [w]).

Tribes: “Tribes” (with a capital T) is used inclusively throughout this document to include
American Indian Tribes, Alaska Natives and organizations, Native Americans, and Native
Hawaiians, and organizations as defined in the NHPA and NAGPRA.

Undertaking: “An undertaking is a project, activity, or program funded in whole or in part under
the direct or indirect jurisdiction of a Federal agency, including those conducted by or on behalf
of a Federal agency; those carried out with Federal financial assistance; those requiring a
Federal permit, license, or approval; and those subject to state or local regulation administered
pursuant to a delegation or approval by a Federal agency” (36 CFR 800.16[y]).

UnionPA: UnionPA is created by Range Operations Management, Base Operations,
Maintenance & Operations Management, Environment, and Integrated Training Area
Management, with Forestry Management and wildlife Management, Vegetative Management,
and Soil Conservation Management program categories. These are based on interactive zones
combined to form the UnionPA.

Virtual Installation: (standard definition according to DoDI 4165.14) – A virtual installation
refers to all holdings of a state ARNG within the boundaries of that state.
ATTACHMENT D:

The following activities are considered to have no effect or no adverse effect on historic properties and shall be exempt from further consultation under the terms of this PA. When the CRM determines that a project is covered by one of the exemptions below the CRM shall document these findings in the Section 106 Findings Spreadsheet located in Attachment E for the Annual Report.

I. Infrastructure within Integrated Training Areas Management, and Operations and Maintenance Training Management for repair/improvements

A. Road and Trail (Vehicle and Foot) Maintenance: Project actions include any clearing, grading, or resurfacing, (gravel or paving) of existing paved and unpaved roads and trails; minor widening of less than 1.5 meters from centerline of existing right-of-way; routine road maintenance includes filling of pot holes, cracks, ruts, and similar damage.

B. Repair and/or replacement of existing walkways and parking areas with matching materials not including historic pavement such as historic bricks or cobblestones.

C. Underground Utilities: project actions include repairing or replacement of existing utility or water lines.

D. Minor Drainage Improvements: project actions include minor safety and erosion-related to drainage repair or improvements:

1. Installation for new culverts. Repair, replacement or removal of non-historic culverts and headwalls that do not result in disturbance beyond spatial extent of existing culvert/headwall area;

2. Installation: repair, replacement or extension of pipes as long as it does not extend into areas of new construction;

3. Rip-rap installation in existing drainages and culverts;

4. Mechanical and manual ditch cleaning and/or re-shaping for maintenance purposes reshaping to original/existing dimensions; and

5. Stream bank stabilization and restoration in areas that have been adequately inventoried to current standards for historic properties and/or where previous disturbance negates presence of such properties.

E. Remove, repair or replacement of existing above-ground or below-ground fuel storage tanks.
F. Installation of fence and sign posts, provided holes do not exceed 30 centimeters in diameter.

G. Land Navigation Courses (LNC) and their signage placement and usage.

H. Routine installation maintenance, including grass cutting and tree trimming, repair, replacement, training, operations, and management activities for infrastructure within existing Military Operation on Urbanized Terrain (MOUT) sites, existing Tactical Training Bases (TTB) sites, existing Entry Control Points (ECP) sites, existing Equipment Training Areas (ETA) site and existing cantonments.

II. Forestry Management

A. Timber Stand Improvements (TSI) denotes management practices that improve the vigor, productivity, and quality of tree stands.

1. Thinning to reduce tree density and competition between trees within a stand. All thinning will be accomplished with hand tools only and utilize existing roads and/or trails. There will be no stump removal.

2. Crop Tree Release (CTR) to remove or kill undesirable older overtopping trees to encourage fast growth and better quality of vigorous young desirable trees. CTR will be accomplished with hand tools only and utilize existing roads and/or trails. There will be no stump removal.

3. Pruning of trees and girdling of trees.

4. Timber Harvest in approved compartments/areas.

III. Wildland and Prescribed Fire Management

A. Maintenance of previously established firebreaks.

B. Establishment of emergency fire break lines during wildfire conditions on MOARNG ranges and within MOARNG forested areas.

IV. Wetlands Management

A. Maintenance of previously established disked areas for manmade, mitigated, and natural wetlands.

B. Broadcast seeding.

C. Maintenance, repair, or replacement of existing in-ground water control structures for manmade and mitigated wetlands.
D. Wildlife species control for manmade, mitigated, and natural wetlands.

E. Plugging plants for replacement of indigenous plant life via hand spade.

F. Maintenance and repair for existing earthen dam or mound features for manmade and mitigated wetlands.

V. Vegetative Management

A. Vegetative management activities for prairie restoration, hay lease program, and native grass planting include the following.

1. No-Till drills ¼ inch ground disturbance.

2. Broadcast seeding.

3. Mowing.

4. Removal of woody vegetation by skid steer with machine attachments for clear cutting vegetation with minimal ground disturbance.

5. Prescribed fire maintenance.


7. Repair of areas within extreme erosion.

VI. Wildlife Management

A. Flora/Fauna surveys

1. In ground trapping arrays with pitfall traps (five gallon bucket).

VII. Soil Conservation Management

A. Install rock lined ditches in areas of active soil erosion and large cuts in the soil.

B. Reno mattress installation.

C. Maintenance, repair or replacement of existing check dam and terracing to slow fast flowing water and stop erosion.

D. Maintenance, repair, or replacement of existing ponds, sediment basins and drainage pipes to slow fast flowing water and stop erosion.
E. Native grass planting.

F. Critical Area Seeding (CAR) with erosion mats.

G. Cavefish Stabilization existing stabilization of ditch banks and slow water runoff.

**VIII. Environmental Management**

A. Spill/Hazard Response for soil removal.

1. Removal or in-place disposal of unexploded ordnance.

2. Removal of abatement of lead-based paint, asbestos and, polychlorinated biphenyls (PCBs), and any other toxic substances addressed by the Toxic Substance Control Act (TSCA).

3. Activities in locations that are hazards for cultural resources inventories due to the presence of hazardous materials or unexploded ordnance, such as existing duded impact areas and existing demolition ranges.

B. Soil samples are generally taken with a coring device with a diameter of less than six (6) inches and have relatively minimal impacts.

C. Antiterrorism and Force Protection.


**IX. Range Operations Management**

A. Repair, replacement, and maintenance of existing ranges and training areas including, but not limited to: erosion control, approved weed control measures, (i.e., herbicides, extrication), fencing, painting and repairing of range support structures (e.g., berms, target equipment, control towers, latrines, bleachers, storage and support buildings, eating areas, ammunition supply points, ammunition storage areas.

B. Routine firing of ordnance during the course of training and maneuvers.

C. Ordnance disposal in areas used previously by that activity.
X. Ground Disturbing Activities and Site Work

A. Ground disturbing activities related to the repair, replacement, or hardening of any footings, foundations, retaining walls, other slope stabilization systems (i.e., gabion baskets, etc.), and utilities (including sewer, water, storm drains, electrical, gas, communication, leach lines, and septic tanks), provided the excavation will not disturb more soil than previously disturbed.

B. Substantially in kind repair, replacement, or upgrade of culvert systems within rivers, streams, or drainage ways, including any modest increase in capacity, provided the excavation will not disturb more soil than previously disturbed.

C. Repair, replacement, or hardening of utilities under existing improved roads/roadways, or within other previously disturbed rights of way.

D. In kind repair or replacement of driveways, parking lots, and walkways. To include repaving/resurfacing of existing paved areas, e.g., parking areas, sidewalks, tennis courts, outdoor basketball courts where the proposed work does not exceed the depth of previous undisturbed soil. To include repaving/resurfacing of roads, streets, alleys, ramps, and driveways where no change in width, curb location, surface material, depth of roadbed, vertical alignment (that is, height or crown of the road surface), or drainage is to occur.

E. Substantially in kind repair or replacement of utilitarian structures (i.e. pump houses, etc.), including exposed pipelines. Modern materials may be used, provided their finish is compatible with the context of the site.

F. Installation of temporary structures (in operation for no more than 24 months) for uses such as classrooms or offices.

G. Installation of scaffolding, temporary barriers (i.e., chain link fences, etc.), polyethylene sheeting, or tarps, in operation for no more than 24 months, provided such work does not result in additional damage, significant loss of historic fabric, or irreversible alterations.

H. In kind repair or replacement of hardscaping and utilities, such as paving, planters, trellises, irrigation, and lighting. Maintenance and repair of existing landscape features, including plantings, trees, and shrubs provided that any new vegetation is a replacement in kind of existing historic planting in regard to location and species and the work does not threaten to damage historic properties. Repair/replacement of existing curbing or sidewalks in kind in the same location with no removal of trees or damage to tree root systems. Maintenance and repair of existing landscape features, fences, retaining walls and walkways, provided that such maintenance is limited to repairs using matching materials and retains as much original material as possible.
Programmatic Agreement
MOARNG Management, Repair, and New Construction at
Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS
Attachment D

I. Sediment removal from man-made drainage facilities, including retention and
detention basins, ponds, ditches, and canals.

J. Dewatering of flooded areas.

K. Installation of exterior freestanding signage and kiosks.

L. Repair and replacement of play equipment and safety surfacing.

XI. Buildings

A. Utilities and Mechanical

1. Interior mechanical (HVAC), electrical, or plumbing work, limited to
upgrading, elevation, or in kind replacement.

2. Replacement or installation of interior and exterior fire detection, fire
suppression, and security alarm systems.

3. Installation of site mechanical, electrical, and plumbing equipment (e.g., an emergency generator or air cooled condenser) on the conditions that
no trim or architectural features are altered and that it is behind the
building or not visible from the street and that no ground disturbing work
is proposed that will exceed the depth of previously disturbed soil.

4. Repair and replacement of site installed mechanical, electrical, and
plumbing equipment (e.g., an emergency generator or air cooled
condenser) on the condition that no trim or architectural features are
altered and that no ground disturbing work is proposed that will exceed
the depth and width of previous undisturbed soil.

B. Windows and Doors

1. In kind visual repair or replacement of damaged or deteriorated windows
and doors.

2. Replacement of window panes in kind or with clear double or triple
glazing, provided the result does not alter the existing window material
and form. Also, historic windows or glazing may be treated with clear
window films.

C. Interior

1. Repair and replacement-in-kind of ceilings.
2. Installation or replacement of video surveillance cameras, fire alarm systems, and security systems on the condition that no trim or architectural features are altered.

3. Installation or replacement of data (computer network, power) systems on the condition that no trim or architectural features are altered. Note that surface raceways may be included in this installation.

4. Installation or replacement of switchboards, motor control centers, panel boards, conductors and conduit, transformers, generators, and power receptacles with the condition that no trim or architectural features are altered or obscured.

5. Installation or replacement of sprinkler and standpipe systems on the condition that no trim or architectural features are altered. Note that exterior fire department connections must be visible and accessible to fire department personnel.

6. Repair and refinishing of wood floors.

7. Replacement of toilet room fixtures; partitions; floor; wall or ceiling surfaces.

8. Replacement of plumbing fixtures.

9. Installation or replacement of lighting fixtures and their controls such as switching and/or occupancy sensors, on the condition that no trim or architectural features are altered.

10. Installation or replacement of kitchen equipment on the condition that no trim or architectural features or trim are altered.

11. Elevator retrofits where only modern elements are replaced.

12. Interior repainting of previously (modern) painted surfaces.

13. Repair, replacement, or installation of electrical, plumbing; and life-safety systems, where no structural or decorative feature alteration is involved and where new outlets or vents are finished to match the surrounding wall. Where possible, new electrical outlets shall be installed in conjunction with new wiring inside walls, rather than running wire mould on the surface of the wall.
14. Changes to kitchens, bathrooms, or basement spaces in historic properties, as long as such changes are not visible from and do not detract from the significant exterior or interior historic character-defining elements in areas other than the kitchen, bathroom, or basement. This includes installation of new kitchen cabinets and countertops and installation of new bathroom fixtures as long as no window openings or doors are altered.

15. Installation of insulation in floors, attics, and openings and installation in side walls from the interior with an appropriate vapor barrier. For exterior walls and ceilings, this is typically on the “warm” side (interior wall). For flooring where crawl spaces are the underlying areas, this should be on the “cold side” (below the insulation, above open ground). In locations where blown-in insulation is the optimal or only possible method of installation, an equivalent vapor barrier shall be created by assuring that the interior wall surfaces are covered with an impermeable paint layer. Two layers of oil base paint or one layer of impermeable latex paint constitute an acceptable vapor barrier. The paint layer must cover all interior surfaces adjacent to the newly installed wall insulation. Special attention shall be given to rooms that are major sources of interior moisture—laundry rooms, bathrooms and kitchens. Changes to the finish of historically unpainted trim and wood elements are not exempt.

16. Repair of flat, non-decorated interior walls and ceilings by patching plaster where possible. When plaster repairs are not feasible, repairing with a smooth finish drywall is allowed provided that the historic trim/wall relationship is maintained and the new surface lies in the same plane as the original.

17. Replacement of trim work if and only if sections are missing or deteriorated beyond repair and will be, replaced in kind. Where new wall and ceiling surfaces are installed or where wholesale replacement is needed, new trim should match the historic in general scale and profile. New trim may be built up of stock materials if appropriate.

18. Installation of standard light fixtures to replace missing or broken interior and exterior lighting, fixtures. Where “public” spaces within buildings (entryways, lobbies, dining rooms, function rooms) may have had or can accept more elaborate or “period” fixtures, such fixtures will be appropriate in scale, material and overall appearance, and where possible, be based on historic documentation.

19. Lead-based paint and asbestos abatement activities, such as cleaning and vacuuming, that does not involve removal or alteration of structural, architectural, or decorative features.
20. Control of insects, rodents, or other pests when the method does not physically or visibly impact the historic fabric of the building.

D. Exterior Walls, Cornices, Porches, and Foundations

1. Repainting of surfaces.

2. In kind repair or partial replacement of porches, cornices, exterior siding, doors, balustrades, stairs, or trim.

3. In kind repair or replacement of signs or awnings.

4. Temporary stabilization bracing or shoring, provided such work does not result in additional damage, significant loss of historic fabric, or irreversible alterations,

5. Anchoring of walls to floor systems, provided disturbed historic fabric is restored in kind.

6. In kind repair or reconstruction of concrete/masonry walls, parapets, chimneys, or cornices, including mortar that matches the color, strength, and joint tooling of historic mortar, where occurring.

7. Bracing and reinforcing of chimneys and fireplaces, provided the bracing and reinforcing are either concealed from exterior view or removable in the future.

8. Strengthening of foundations and the addition of foundation bolts, provided that visible new work is in kind, including mortar that matches the color, strength, and joint tooling of historic mortar, where occurring.

9. Masonry cleaning will be appropriate on the condition that it follows the Secretary of the Interior’s Standards for Rehabilitation and the National Park Service Technical Guidelines.

10. Masonry repair and repointing on up to 50% of a building on the condition that it follows the Secretary of the Interior’s Standards for Rehabilitation and the National Park Service Technical Guidelines.

11. Repair of masonry foundations, walls, or chimneys by repointing using matching mortar composition, color, joint width and profile, only when mortar is missing or deteriorated.

E. Roofing
1. In kind repair, replacement, or strengthening of roofing, gutters, or downspouts.

2. Cement asbestos shingles may be replaced with asphalt-based shingles, and untreated wood shingles may be replaced with fire resistant wood shingles. Roofing material may be replaced with updated, energy-efficient materials, provided there is no significant loss of historic fabric. Roofing color will be closely matched through purchase of readily available materials, but without jeopardizing the integrity of the roofing material, and with a consideration of cost.

XII. Roads and Roadways

A. Repair of roads to original geometric design standards and conditions using in kind materials, number and width of lanes, shoulders, medians, curvature, grades, clearances, and side slopes.

B. Repair of road composition with in kind surface materials including the reshaping and compacting of road bed soil and the repair of asphaltic or Portland cement concrete pavements.

C. Repair of traffic control devices such as traffic signs and signals, delineators, street lights, and pavement markings.

D. In kind repair of road lighting systems.

E. In kind repair of road appurtenances such as curbs, berms, fences, and sidewalks.

F. In kind repair of roadway safety elements such as barriers, guardrails, and impact attenuation devices.
## ATTACHMENT E:

### SECTION 106 FINDINGS SPREADSHEET

**CHECKLIST FOR MOARNG TRAINING SITES PA**

<table>
<thead>
<tr>
<th>Project Title: ___________________________</th>
<th>Training Site: ___________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiscal Year: ______________________________</td>
<td>Date: ___________________________</td>
</tr>
<tr>
<td>County: ________________________________</td>
<td>Project #: ___________________________</td>
</tr>
</tbody>
</table>

(Workorder/420)

Will the project involve any ground disturbance?  Yes or No
Will the project involve any action that will change building elements that will alter the original characteristics? Yes or No

- If No, then no further information is needed and no map is required.
- If Yes, then complete this form and include mapping and photographs if available.

What type of machinery will be used (e.g., dozer, tractor and scraper, excavator, backhoe)?
How much area will be disturbed? (e.g., 25 sq. ft., 3 acres)
How deep will the excavation be?
  1. Less than 6 inches
  2. Between 6 and 18 inches
  3. Greater than 18 inches

Is an existing building being altered, expanded?  Y or N
What type of replacement for the building? (roof, windows, doors)?

1. Approximately when do you anticipate starting this project?  Month/Day/Year ___________________________

2. Project Description:

3. Project Purpose:

5. Proposed Program Area under *The Nationwide Readiness PA*: ___________________________

6. Proposed Action under *The Training Sites PA*: __________________________________________

1. Does the proposed project location fall within the Area of No Potential Effect exclusion area?  Y or N
   If yes, please attach the associated training site map.

2. Has the project area been previously surveyed, disturbed, built on, or in some other way modified?  Y or N
   If yes, please attach the associated training site map?
Programmatic Agreement
MOARNG Management, Repair, and New Construction at
Camp Crowder TS, Camp Clark TS, Macon TS and Ike Skelton TS
Attachment E

Attachments you can include that will help expedite the review process:
Topographic map of the project area (with Township, Range, and Section).
Aerial photos
Digital photos
The Undertaking
Workorder
420

Attachments: [ ] Maps [ ] Drawings [ ] Specifications [ ] Photographs [ ] Site plan
[ ] List of Materials [ ] Samples [ ] Other ________________________________

____________________________________________________________________
____________________________________________________________________

CULTURAL RESOURCE MANAGER
Name:

Date:

Comments:

Assessment of Effect:

_____ Programmatic Exclusion:

Recommendations for conditions or stipulations: