

The following presents the Fiscal Year (FY) 2016 Annual Reports for the:

- 1) *Programmatic Agreement among the U.S. Army Garrison Fort Carson, the Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Construction, Maintenance, and Operations Activities for Areas on Fort Carson Colorado (58 pages)*
- 2) *Programmatic Agreement among U.S. Army Garrison Fort Carson, Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Military Training and Operational Support Activities Down Range Fort Carson, Colorado (55 pages; Enclosure 4 – Revised Fort Carson Downrange PA Appendix 2 is excluded from public versions)*
- 3) *Programmatic Agreement among U.S. Army Garrison Fort Carson, Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Military Training and Operational Support Activities at Piñon Canyon Maneuver Site, Fort Carson, Colorado (30 pages; Enclosure 4 – Revised PCMS PA Appendix 2 is excluded from public versions)*

**FISCAL YEAR (FY) 2016 ANNUAL REPORT:**  
***PROGRAMMATIC AGREEMENT AMONG THE U.S. ARMY GARRISON FORT CARSON, THE STATE  
HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION  
REGARDING CONSTRUCTION, MAINTENANCE, AND OPERATIONS ACTIVITIES FOR AREAS ON  
FORT CARSON, COLORADO***

**NOVEMBER 15, 2016**

The U.S. Army Garrison (USAG) Fort Carson submits the following annual report to the State Historic Preservation Officer (SHPO) and concurring parties in accordance with Stipulation VII of the *Programmatic Agreement among the U.S. Army Garrison Fort Carson, the Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Construction, Maintenance, and Operations Activities for Areas on Fort Carson, Colorado*, hereafter referred to as the Fort Carson Built Environment PA. This report covers the period from October 1, 2015, through September 30, 2016, and is formatted in accordance with Appendix D. It has been distributed electronically to the SHPO and concurring parties and is available online at: <http://www.carson.army.mil/DPW/nepa.html>.

## **I. Exempted Undertakings**

Table 1 of Enclosure 1 lists all exempted undertakings that have been reviewed by the Fort Carson Cultural Resources Management Program (CRMP) between October 1, 2015, and September 30, 2016. Three hundred thirty-four undertakings were reviewed that were considered exempted in accordance with Appendix C of the Fort Carson Built Environment PA.

## **II. Non-Exempted Undertakings**

Table 2 of Enclosure 1 lists all undertakings within the areas of potentials effects (APEs) covered by the Fort Carson Built Environment PA that required consultation in accordance with Section 106 of the National Historic Preservation Act (NHPA). Four undertakings required Section 106 consultation.

Table 3 of Enclosure 1 lists all other non-exempted undertakings that were reviewed by the Fort Carson CRMP. These 38 undertakings include document reviews, undertakings with no potential to effect historic properties, and off post projects.

## **III. Actions Update**

### **A. Cultural Resources Awareness Training**

The following cultural resources awareness training materials are provided to Soldiers, civilian employees, contractors, and other users, as appropriate:

- Soldiers' Brief
- Cultural Resources Fact Sheet
- Dos and Don'ts Pocket Card
- Environmental Protection Officer (EPO) course – provided monthly to Soldiers who serve as the EPO for their unit
- Fort Carson Environmental Battle Book, 2015, v4

- Cultural Resources Awareness Video

No comments on the cultural awareness training materials were received from the SHPO or concurring parties from the FY2015 Annual Report.

The current training materials, except for the Fort Carson Environmental Battle Book and the Cultural Resources Awareness Video, are included in Enclosure 2. The Fort Carson Environmental Battle Book, a quick reference document for guidance on common environmental concerns, including cultural resources, is available online at the Fort Carson website at: <http://www.carson.army.mil/DPW/Documents/battlebook-20150814.pdf>. The video is available to view online at YouTube: [https://youtu.be/1W6Ow\\_aJA5Y](https://youtu.be/1W6Ow_aJA5Y).

#### B. Inventory and Survey of the APEs

A total of 21.2 acres were surveyed within the APEs for the Fort Carson Built Environment PA in response to Section 106 undertakings. In April 2016, approximately 15.8 acres within the Haymes Reservoir APE was surveyed in response to NEPA project number 2016-201 Repair Dams Post-wide. During this investigation, site 5EP6633, the Haymes Reservoir, was fully documented and evaluated. Site 5EP6633 has been determined ineligible for inclusion in the National Register of Historic Places (NRHP); the SHPO concurred with this determination of eligibility via correspondence dated May 3, 2016 (HC #70172).

In May 2016, approximately 5.4 acres within the Main Post and Haymes Reservoir APEs was surveyed in response to NEPA project numbers 2016-280 & 2016-291 Ditch Maintenance within 3M Ditch along Route 4 and 2016-123 Invasive Species Treatment at Fort Carson and PCMS. During this investigation, site 5EP7658, the Merriam's Rock Creek Ditch (also referred to as the 3M Ditch), was fully documented and evaluated. Site 5EP7658 has been determined ineligible for the NRHP; the SHPO concurred with this determination of eligibility via correspondence dated July 14, 2016 (HC #70568).

#### C. Exempted Undertakings

See Table 1 of Enclosure 1. As of September 30, 2016, 334 undertakings were reviewed that are considered to be exempted undertakings in accordance with Appendix C of the Fort Carson Built Environment PA.

#### D. Expanding the APEs for Exempted Undertakings

In accordance with Stipulation V of the Fort Carson Built Environment PA, USAG Fort Carson is proposing to add the following APEs: Building 20000, the Arrival/Departure Air Control Group (A/DACG) Rapid Deployment Facility, the Fort Carson-Kelkar Junction Rail Spur, Gale Ditch, and Utility Easements. These additional APEs and their list of exempted undertakings will be included in the amendment proposal that is being developed and will be submitted to all consulting parties, Tribes, and signatories for review and comment, as discussed in Section G. A brief description of each APE, a summary of its primary uses, and a map of its location are included in Enclosure 3.

#### E. Inadvertent Discoveries

One inadvertent discovery was made during the reporting period within the APEs for the Fort Carson Built Environment PA. Site 5EP7672 consists of the remnants of a water control system for the golf course that operated between 1959 and the mid-1970s. Features include three ditch

segments, a concrete foot bridge pier, a concrete dam with overflow pipe, and two ponds. Historical materials associated with the site was discovered by the operations and maintenance contractor while cleaning debris from a culvert under the Ammunition Holding Area (AHA) access road. The Fort Carson CRMP was notified of the discovery; the area was immediately surveyed, and the site was documented. 5EP7672 has been determined ineligible for listing in the National Register of Historic Places (NRHP) on which concurrence from the SHPO was received via correspondence dated December 9, 2016 (HC #69339).

F. Emergency Response per 36 CFR 800.12

There were no emergency response actions during the reporting period.

G. Amendment

USAG Fort Carson has developed an amendment proposal that will be submitted to all consulting parties, Tribes and signatories for review and comment. All comments will be taken into consideration. Once all signatories agree in writing per Stipulation VIII of the Fort Carson Built Environment PA, the amended PA shall become effective on the date it is signed by all signatories and filed with the Advisory Council on Historic Preservation (ACHP). These amendments include adding additional APEs with exempted undertakings, as discussed in Section D; exempted undertakings for all current APEs discussed in the PA; training exemptions for open spaces; and provisions for site monitoring and site protection. It is also recommended to remove Camp Red Devil from the PA, since it is now covered under the Fort Carson Downrange PA.

H. Dispute Resolution

There have been no dispute resolution activities during the reporting period.

Report compiled by:

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Acting Cultural Resources Manager

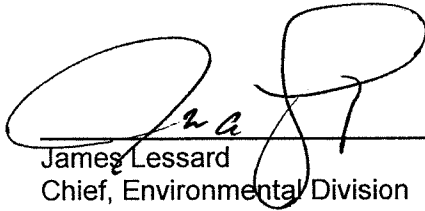


Approved by:



Wayne Thomas  
Chief, NEPA and Cultural Management Branch

14 Nov 2016  
Date



James Lessard  
Chief, Environmental Division

14 Nov 2016  
Date



Hal Alguire  
Director, Public Works

15 Nov 2016  
Date

**ENCLOSURE 1:**  
**ALL UNDERTAKINGS REVIEWED BY THE FORT CARSON CRMP DURING THE FY15 REPORTING PERIOD (OCTOBER 1, 2015, THROUGH SEPTEMBER 30, 2016) UNDER THE FORT CARSON BUILT ENVIRONMENT PA**

**Table 1. Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-003, 2016-205, 2016-249, 2016-355, 2016-379, & 2016-470 Construct Trap and Skeet Range	MWR15-008 TEN16-002	Main Post	BE I.A1	09/09/2015 03/09/2016 04/01/2016 06/30/2016 07/15/2016 09/12/2016	
2016-004 Replace Hydrant, Turkey Creek Ranch	SO 692800	Turkey Creek Complex	BE I.D1b	10/05/2015	
2016-005 Construct a Confined Space Training Building	TEN15-535	Main Post	BE I.A1	10/08/2015	Undertaking has been previously reviewed under NEPA project number 2015-455
2016-006 Install Entry Buzzer, Bldg 1435	4ID16-001	Main Post	BE I.A2	10/08/2015	
2016-007 Install Electrical Outlet in Interior Hallway, Bldg 2425	4ID16-002	Main Post	BE I.A2	10/08/2015	
2016-008 Install Power Supply, Bldg 2010	DPT16-002	Main Post	BE I.A2	10/14/2015	
2016-009 Relocate and Reinstall Power Pedestal, Bldg 2135	DPT16-001	Main Post	BE I.A2	10/14/2015	
2016-010 Install Keyless Entry, Bldg 3605	3BD16-001	Main Post	BE I.A2	10/15/2015	
2016-011 Replace High Intensity Discharge (HID) Street and Parking Lot Light Fixtures with Light Emitting Diode (LED) Fixtures	DPW12-036 DPW15-120	Main Post	BE I.A2	10/15/2015	
2016-012 Remodel Museum Interior, Bldg 6013	4ID15-004	Main Post	BE I.A2	10/15/2015	
2016-014 Construct Parking Lot, Bldg 2705	TEN12-014	Main Post	BE I.A2	10/16/2015	
2016-015 Tree Trimming at Turkey Creek Ranch, Bldg 10014 & Barn	SO 690703	Turkey Creek Complex	BE I.D1c	10/19/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-016, 2016-247, 2016-285, & 2016-421 Repair Multiple Bridges Post-wide	DPW14-107 DPW15-046	Post-wide	BE I.A2 BE I.A3 BE I.B2 FC D1b	10/19/2015 04/01/2016 04/20/2016 08/08/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-176, 2015-435, & 2015-527; Section 106 consultation was completed in April 2015 (CHS #67601)
2016-017, 2016-231, & 2016-356 Construct Rotary Wing Taxiway	PN 85710	Main Post	BE I.A1 BE I.A2	10/19/2015 03/23/2016 06/30/2016	
2016-019 Remove Abandoned Electrical Lines, Bldg 3605	3BD16-004	Main Post	BE I.B1	10/21/2015	
2016-020 & 2016-039 Construct Flight Simulator Facility	PN 79618	Main Post	BE I.A1 BE I.A2	10/22/2015 11/02/2015	Undertaking has been previously reviewed under NEPA project numbers 2014-060 & 2014-141
2016-021 Repair Water Main Break, Fort Carson	n/a	Main Post	BE I.A2	10/21/2015	
2016-022, 2016-159, & 2016-300 Army Reserve Center - Training Building Addition, Bldg 9620	PN 81959	Main Post	BE I.A1 BE I.A2	10/26/2015 02/08/2016 05/02/2016	Undertaking has been previously reviewed under NEPA project numbers 2014-578 & 2015-068
2016-023 Install Stormwater Collection Unit, Bldgs 400 & 9246	DPW16-007	Main Post	BE I.B2	10/26/2015	
2016-024 Secure Internet Protocol Router (SIPR) Room Modifications, Bldg 8000	TEN16-003	Main Post	BE I.A2	10/26/2015	
2016-026 Remodel Child Developmental Center (CDC), Bldg 6058	MWR14-072	Main Post	BE I.A2	10/21/2015	Undertaking has been previously reviewed under NEPA project numbers 2015-175, 2015-203, 2015-336, 2015-415, & 2015-509
2016-027 Install Three Electrical Outlets, Bldg 9550	DPT15-017	Main Post	BE I.A2	10/27/2015	
2016-028 Extend Fiber from Non-Secure Internet Protocol Router Network (NIPRnet) Switch & Install New NIPRnet Switch, Bldg 2757	TEN16-004	Main Post	BE I.A2	10/27/2015	
2016-029 Repair Gym Roof, Bldg 1160	MWR15-006	Main Post	BE I.A2	10/27/2015	
2016-030 Install New Communication and Power Lines, Bldg 3605	3BD16-005	Main Post	BE I.A2	10/29/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-032 Install Six Antennas, Bldg 9649	BAA16-001	Main Post	BE I.A1 BE I.A2	10/28/2015	
2016-033 Construct Chain Safety System around Vehicle Maintenance Pits, Bldg 9072	1BD16-003	Main Post	BE I.A2	10/29/2015	
2016-034 Install Bypass Pressure Reducing Valve (PRV) inside the Valve House 100	DPW16-003	Main Post	BE I.A2	11/02/2015	
2016-036 Ditch Maintenance near Bldg 2424	SO 699089	Main Post	BE I.B2	11/02/2015	
2016-037 Ditch Maintenance near Bldg 2624	SO 699092	Main Post	BE I.B2	11/02/2015	
2016-038 Ditch Maintenance near Bldg 9061	SO 694609	Main Post	BE I.B2	11/02/2015	
2016-040 Renovate Female Latrine, Bldg 7450	SFG16-003	Main Post	BE I.A2	11/02/2015	
2016-041 Construct Two Pits and Overhead Cover for Kennels, Bldg 7472 - Dog Kennel	SFG16-002	Main Post	BE I.A1 BE I.A2	11/02/2015	
2016-042 Provide Easement to CenturyLink for Installation of Fiber Optics to Bldg 1512 – Armed Forces Bank	DPW16-010	Main Post	BE I.A1 BE I.A2	11/02/2015	
2016-043 Facilities Reduction Program (FRP) Demolition Project	DPW14-037 DPW14-120 DPW15-018 DPW15-076 DPW15-077 DPW15-078 DPW15-079 DPW15-080 FL0031-0P	Main Post	BE I.A3	11/02/2015	Undertaking has been previously reviewed under NEPA project numbers 2014-507, 2015-319, & 2015-348; covers Bldgs 207, 209, 210, 220, 221, 318, 812, 1669, 5510, & 7303
2016-045 Replace Ceiling Tiles and Reposition Lighting, Bldg 1519 - Post Office	TEN15-526	Main Post	BE I.A2	11/03/2015	
2016-046 Install Interior Wall & Remove Electrical Outlets, Bldg 7450	SFG16-001	Main Post	BE I.A2	11/03/2015	
2016-049 Repair Kitchen, Bldg 8999 - Military Working Dog Kennel	SMC12-011	Main Post	BE I.A2	11/03/2015	
2016-050 Docking Ramp Repair, Bldg 9370 - Ammunition Supply Point	TEN15-557	Main Post	BE I.A2	11/04/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-052 Install Flashing Stop Light and Street Lights at Intersection of Specker Ave & Tank Trail	DPW13-052	Main Post	BE I.A1	11/03/2015	
2016-054 Replace Air Handling Units (AHUs), Bldg 1230 - Training Aides/Photo Lab	DPW15-044	Main Post	BE I.A2	11/04/2015	
2016-055 Resurface Asphalt/Repair Cracks, Bldg 7426, 10th SFG Motor Pool	SFG13-030	Main Post	BE I.A2	11/05/2015	Undertaking has been previously reviewed under NEPA project numbers 2013-312, 2015-304, & 2015-313
2016-057 Loop Electric Feeder Ckt 9 along Titus Blvd West of Harr Ave	DPW12-035	Main Post	BE I.A1	11/09/2015	
2016-058 and 2016-243 Install Supervisor Control (SCADA) System to Natural Gas System	DPW12-039	Main Post	BE I.A1 BE I.A2	11/09/2015 03/30/2016	
2016-060 Install One Sprinkler Head to Existing System, Bldg 6110	TEN16-005	Main Post	BE I.A2	11/09/2015	
2016-061 & 2016-143 Iron Horse Park West	MWR12-001	Main Post	BE I.A1 BE I.B1 BE I.B3	11/09/2015 01/25/2016	Undertaking has been previously reviewed under NEPA project numbers 2014-520, 2015-287, & 2015-373
2016-062 Construct a Tank Ditch, TA Bravo	1BD16-005	Main Post	BE I.A1	11/10/2015	
2016-063 & 2016-156 Battle Command Training Center (BCTC) – Athletic Field and Site Improvements	PN 13852	Main Post	BE I.A1 BE I.A2	11/10/2015 02/05/2016	Undertaking has been previously reviewed under NEPA project number 2015-468
2016-064 Install Electrical Outlets, Bldgs 319, 1014, 1550, 2358, 2435, 6256, 7475, 7500, 8008, 9535, & 9545	DIR16-002	Main Post	BE I.A2	11/12/2015	
2016-065 Install Four Vent Holes for New Air-Cooled Compressors, Boiler Room, Bldg 8000	TEN16-007	Main Post	BE I.A2	11/16/2015	
2016-066 Repair and Restore Southwest Wing, Bldg 2350	DPW16-006	Main Post	BE I.A2	11/16/2015	
2016-067 Install Integrated Circuit Card Identifier (ICCID) in Modular Arms Room next to Bldg 8931	RES16-001	Main Post	BE I.A2	11/11/2015	
2016-068 Install 220V Electrical Outlet in West Wall of Rm 131, Bldg 842	43D16-002	Main Post	BE I.A2	11/17/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-070 Install Door Alarms at Bldgs 7494 & 7495	MED14-010	Main Post	BE I.A2	11/17/2015	
2016-071 Install Stormwater Collection Units at Bldg 238, 3897, & 7806	DPW16-012	Main Post	BE I.B2	11/18/2015	
2016-072 Replace Exterior Transformers, Bldg 8030	DPW16-009	Main Post	BE I.A2	11/17/2015	
2016-073 Install Utilities for a Trailer adjacent to Bldg 324	DIR16-001	Main Post	BE I.A1	11/18/2015	
2016-074 Install Door Building 2354, Fort Carson	GAR16-005	Main Post	BE I.A2	11/19/2015	
2016-075 Extend Distribution Tap & Install Tap Pedestal at 1865 Hospital Street	TEN16-006	Main Post	BE I.A1	11/19/2015	
2016-076 Relocate Network Enterprise Center (NEC) Equipment Lines, Bldg 1118	GAR16-004	Main Post	BE I.A2	11/23/2015	
2016-077 Ditch Maintenance near Bldg 1533	SO 703103	Main Post	BE I.B2	11/24/2015	
2016-078, 2016-124, 2016-131, & 2016-133 Assault Battalion (BN) Maintenance Hangar – O'Connell Substaion Alternate Electrical Feed	PN 77405	Main Post	BE I.A1	11/24/2015 01/06/2016 01/12/2016 01/13/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-220, 2013-336, 2013-430, 2014-090, 2014-318, 2014-449, 2015-182, 2015-247, & 2015-280
2016-079 Repair Hot Water Boiler, Bldg 7490 – Robinson Clinic	MED15-006	Main Post	BE I.A2	11/23/2015	Undertaking has been previously reviewed under NEPA project number 2015-232
2016-080 Repair Computer Room Cooling, Bldg 7500 – Evans Hospital	MED15-008	Main Post	BE I.A2	11/23/2015	Undertaking has been previously reviewed under NEPA project number 2015-233.
2016-081 Replace Atrium Lighting, Bldg 7500 – Evans Hospital	MED15-007	Main Post	BE I.A2	11/23/2015	Undertaking has been previously reviewed under NEPA project number 2015-243.
2016-082 Repair Stormwater Damage, MTC	DPW15-047	Main Post	BE I.A1 BE I.B2 BE I.B3	11/24/2015	Undertaking has been previously reviewed under NEPA project numbers 2015-257 and 2015-374
2016-083 Repair Outdoor Pool and Install New Pool Liner, Bldg 1231	DPW13-048	Main Post	BE I.A2 BE I.B1	11/24/2015	Undertaking has been previously reviewed under NEPA project number 2015-169

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-086, 2016-119, & 2016-121 Sanitary Infrastructure Improvements – Fort Carson	DPW14-095	Main Post & Downrange Fort Carson	BE I.A2 FC D1a FC D1b	11/30/2015 01/04/2016 01/05/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-300 & 2015-368
2016-087 Install Two Antennas, Bldg 2260	1BD16-001	Main Post	BE I.A1	12/03/2015	
2016-088 Remodel and Repair Bldg 324	DIR14-005	Main Post	BE I.A2	12/03/2015	Undertaking has been previously reviewed under NEPA project numbers 2014-069, 2015-340, and 2015-523
2016-089 Construct Walls to Create Additional Office Space, Bldg 7402	SFG16-004	Main Post	BE I.A2	12/02/2015	
2016-090, 2016-118, & 2016-120 Repair Post-Wide Erosion	DPW13-201	Main Post	BE I.B2	12/04/2015 01/04/2016 01/05/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-555, 2015-090, 2015-186, 2015-362, & 2015-423; Section 106 consultation was completed for the project location at Fountain Creek, which is located off-post, in December 2014 (CHS #67085)
2016-091 & 2016-146 Energy Conservation Investment Program (ECIP) Radiant Heaters – Bldgs 1392, 1682, 1692, 2392, 2492, 2692, 2793, 2992, 3092, 3192, 1882, 1982, and 208	PN 81957	Main Post	BE I.A2	12/07/2015 01/27/2016	Undertaking has been previously reviewed under NEPA project number 2015-197
2016-092 Install Two Showers Stalls and Connect Electrical and Plumbing for Washers/Dryers, Bldg 7425	SFG15-023	Main Post	BE I.A2	12/07/2015	
2016-094 Ditch Maintenance near Bldgs 3868 & 3867	SO 702137	Main Post	BE I.B2	12/09/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-095 & 2016 283 SOF Battalion Operations Facility Complex	PN 76367	Main Post	BE I.A1	12/10/2015 04/19/2016	Undertaking has been previously reviewed under NEPA project numbers 2009-775, 2012-490, 2012-700, 2013-062, 2015-066, 2015-073, 2015-161, 2015-195, 2015-264, 2015-350, 2015-351, 2015-361, 2015-369, 2015-425, & 2015-512; Section 106 consultation was completed in September 2009 (CHS #55586)
2016-096 Install Reserved Parking Signs, Bldg 7500	MED16-001	Main Post	BE I.BI	12/11/2015	
2016-097 Extend Coaxial Cable from Bldg 2425	DPT16-004	Main Post	BE I.A1	12/14/2015	
2016-100, 2016-212, 2016-301, & 2016-383 Replace North Loop Chilled Water Line	DPW13-012DPW13-013	Main Post	BE I.A1 BE I.A2 BE I.A3	12/16/2015 03/14/2016 05/09/2016 07/20/2016 08/08/2016	Undertaking has been previously reviewed under NEPA project numbers 2014-435, 2014-489, & 2015-331
2016-101 & 2016-179 Combat Aviation Brigade (CAB) Central Energy Plant	PN 80433	Main Post	BE I.A1	12/16/2015 02/22/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-392, 2013-557, 2015-259, & 2015-342
2016-102 Repair Water Mains, East Side of Post	DPW15-114	Main Post	BE I.A2	12/16/2015	
2016-103 Replace Mechanical room Equipment (17) Facilities – Bldg 1650, 1957, 1958, 2057, 2058, 2077, 2078, 2157, 2158, 2257, 2258, 2457, 2458, 2557, 2558, 2758, 2757	DPW15-060	Main Post	BE I.A2	12/16/2015	
2016-104, 2016-359, 2016-419 Electrical Distribution System – 8000 Area	DPW12-034	Main Post	BE I.A1 BE I.A2 BE I.A3	12/16/2015 07/06/2016 08/08/2016	Undertaking has been previously reviewed under NEPA project numbers 2012-046 & 2015-305
2016-105 Replace Mechanical Equipment in Benham & Blair Barracks	DPW14-077	Main Post	BE I.A2	12/16/2015	
2016-106 Repair/Replace Single Pane Windows, Bldg 1230	DPW16-020	Main Post	BE I.A2	12/21/2015	



USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-107 & 2016-334 Replace Air Handling Units 3 & 4, Bldg 7500 – Evans Hospital	n/a	Main Post	BE I.A2	12/22/2015 06/14/2016	Undertaking has been previously reviewed under NEPA project number 2015-185
2016-108 Substation Replacement at Evans Hospital, Bldg 7500	MED14-002	Main Post	BE I.A2	12/22/2015	Undertaking has been previously reviewed under NEPA project number 2014-026
2016-109 Install Conduit for New Ports, Bldg 6012	DIR16-005	Main Post	BE I.A2	12/23/2015	
2016-110 Install Three Compartment Sinks, Bldg 2355	TEN16-011	Main Post	BE I.A2	12/23/2015	
2016-111 Permission to Use Area between Bldg 840 & 842 to set up Tents for Pre-Deployment Inspection	43D16-003	Main Post	BE I.B1	12/22/2015	
2016-122 Water Main Repair near Bldg 10001	SO 706816	Turkey Creek Complex	BE I.D1b	01/06/2016	
2016-123 2016 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	BE I.B3 BE I.D1c FC D2b PC A3b PC B4b2 PC C3b2 PC D3b2	01/06/2016	Section 106 consultation completed for portions of project area located at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; see Table 2 for more details
2016-125 Repair Parking Lots and Access Drives Post-wide	DPW16-014	Main Post	BE I.A2	01/07/2016	
2016-128 Repair Roads Post-wide	DPW16-013	Main Post	BE I.A2	01/07/2016	
2016-129 Construct Concrete Pad and Install Fencing and Electrical Power for Relocatable Simulator Shelter next to Bldg 9093	TEN16-014	Main Post	BE I.A1	01/07/2016	
2016-130 Install New Cathodic Protection System, Bldg 515	SO 695739	Main Post	BE I.A1	01/11/2016	
2016-132 & 2016-260 Remodel Bldg 1525 – Old Commissary	FL015-11P FL015-11P-B	Main Post	BE I.A2	01/11/2016 04/07/2016	
2016-134 Virtual TADDS Facility Site Approval	PN 78069	Main Post	BE I.A1	01/14/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-135 Drainage Maintenance between Bldg 1925 & Ball Field	SO 714412	Main Post	BE I.B2	01/19/2016	
2016-136 Drainage & Holding Pond Maintenance near Gate 3	SO 715136	Main Post	BE I.B2	01/19/2016	
2016-137 Ditch Maintenance between Bldgs 7430 & 7465	SO 710473	Main Post	BE I.B2	01/20/2016	
2016-139 Construct Classrooms, Bldg 1230 – Distance Learning Facility	DPT13-008	Main Post	BE I.A2	01/15/2016	
2016-140 SOF Group Support Battalion	PN 69446	Main Post	BE I.A1 BE I.A2	01/22/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-366, 2014-522, 2015-001, 2015-042, 2015-044, 2015-082, 2015-103, 2015-118, 2015-173, 2015-210, 2015-211, 2015-352, & 2015-427
2016-141 & 2016-297 Repair Three Playgrounds at Bldg 6060 (West CDC) & Bldg 6058 (East CDC)	MWR14-047 PN 86105	Main Post	BE I.A1 BE I.A3	01/22/2016 05/04/2016	
2016-142 Construct & Repair Sidewalks Post-wide	DPW16-017 DPW16-022 DPW16-024	Main Post	BE I.A1 BE I.A2	01/26/2016	
2016-144 Ditch Maintenance North of Hare St	SO 716125	Main Post	BE I.B2	01/25/2016	
2016-145, 2016-232, & 2016-394 CAB FY15 Aircraft Maintenance Area	PN 77305	Main Post	BE I.A1 BE I.A3	01/25/2016 03/24/2016 07/25/2016	Undertaking has been previously reviewed under NEPA project numbers 2014-587, 2015-063, 2015-123, 2015-148, 2015-347, & 2015-481
2016-146 FY16 Language Training Facility	PN 47942	Main Post	BE I.A1	01/26/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-215, 2015-422, & 2015-520
2016-147 Ditch Maintenance North of Bldg 239	SO 716121	Main Post	BE I.B2	01/28/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-148 & 2016-441 Repair and Widen Butts Road	DPW12-056	Main Post	BE I.A1 BE I.A2	02/03/2016 08/25/2016	Undertaking has been previously reviewed under NEPA project numbers 2012-167, 2015-446, & 2015-505; Section 106 consultation was completed in October 2011 (CHS #60144)
2016-150 Replace Plumbing in Crawl Space Bldg 7481	DPW12-130	Main Post	BE I.A2	02/04/2016	
2016-151 Repair Boiler and Air Handler, Bldg 1500 – Chapel	DPW13-080	Main Post	BE I.A2	02/05/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-299, 2013-309, & 2015-390
2016-152 Install Safety Bollards, Bldg 9248	TEN16-015	Main Post	BE I.A2	02/04/2016	
2016-153 Repair HVAC & Replace Roof, Bldg 1511 – Bowling Alley	DPW13-104	Main Post	BE I.A2	02/04/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-309, 2013-470, & 2015-390
2016-154 Extend Electrical and Install Additional Electrical Outlets, Bldg 9248	TEN16-016	Main Post	BE I.A2	02/04/2016	
2016-155, 2016-199, 2016-274, & 2016-315 Infantry Creek Improvements - Repair Drainage at Gate 2	DPW15-119	Main Post	BE I.A2 BE I.B2	02/04/2016 03/07/2016 04/11/2016 05/23/2016	Undertaking has been previously reviewed under NEPA project number 2015-485
2016-157 Install 8-ft Chain Link Fence LRC HMCC 9248	TEN16-017	Main Post	BE I.1A	02/04/2016	
2016-158 FY16 Repair/Design and Inspection of Roofing	DPW16-025	Main Post	BE I.A2	02/05/2016	
2016-160 Replace Boilers, Bldgs 6222 & 6236	DPW16-001	Main Post	BE I.A2	02/08/2016	
2016-161 Repair Interior Walls, Floors, & Electrical, Bldg 2350, and Repair Ceiling Tile, Bldg 1519	DPW16-006 & TEN15-526	Main Post	BE I.A2	02/04/2016	
2016-162, 2016-220, & 2016-485 Construct Public/Private Venture (PPV) Solar Array south of Butts Army Airfield (BAAF)	DPW16-027	Main Post	BE I.A1	02/09/2016 07/11/2016 08/01/2016	
2016-165 Replace Electrical Equipment at the O'Connell Substation	DPW16-028	Main Post	BE I.A2	02/11/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-166, 2016-353, & 2016-420 10th Special Forces Group (SFG) – Sanitary Sewer Repairs & Upgrade Primary Lift Station	DPW14-074 DPW14-075	Main Post	BE I.A1 BE I.A2	02/11/2016 06/27/2016 08/08/2016	Undertaking has been previously reviewed under NEPA project numbers 2014-294 & 2015-326
2016-167 Repair Mechanical Room, Bldg 1982	DPW16-030	Main Post	BE I.A2	02/11/2016	
2016-169 Install Integrated Commercial Intrusion Detection System (ICIDS) and Communications Infrastructure at Gates 6 & 19	DIR16-004	Main Post	BE I.A1	02/18/2016	
2016-171 Install Alternate Electric Feed to the Fire Pump House at Butts Army Airfield	DPW16-031	Main Post	BE I.A2	02/22/2016	
2016-172 Replace Existing Mechanical Gate and Card Reader, Bldg 2700	DIR16-009	Main Post	BE I.A2	02/18/2016	
2016-173 Install Secret Internet Protocol Router Network (SIPRNet) Ports in Rm 106, Bldg 1140	BAA16-004	Main Post	BE I.A2	02/18/2016	
2016-174 Replace Light Fixtures, Bldg 510	TEN16-021	Main Post	BE I.A2	02/19/2016	
2016-176 Convert Overhead Electrical and Communications Lines to Underground Lines	DPW12-175	Main Post	BE I.A1 BE I.A3	02/19/2016	Undertaking has been previously reviewed under NEPA project numbers 2012-589 & 2014-221
2016-177 & 2016-304 Fort Carson Reclaimed Water Irrigation System – Energy Savings Performance Contract (ESPC)	DPW15-068	Main Post	BE I.A1 BE I.A2	02/19/2016 05/11/2016	Undertaking has been previously reviewed under NEPA project number 2015-236
2016-178 Upgrade Automatic Fire Suppression Systems in Bldgs 749, 1511, 2392, 2492, 2692, & 2792	DPW16-026	Main Post	BE I.A	02/18/2016	
2016-181 Grade East Tank Trail from Gate 20 to Concrete Rd	IBD16-006	Main Post	BE I.A2	02/24/2016	
2016-182 Removal of Three 10,000-gallon Underground Storage Tanks (USTs), Bldg 1515	DPW16-032	Main Post	BE I.A3	02/24/2016	
2016-183 Relocate Power Outlets, Bldg 842	43D16-004	Main Post	BE I.A2	02/22/2016	
2016-184 Replace Overhead Projection Screen, Bldg 842	43D16-005	Main Post	BE I.A2	02/25/2016	
2016-186 Remodel Area around Bldg 1515	TEN16-022	Main Post	BE I.A1 BE I.A3	02/26/2016	
2016-188 Open Storage Upgrade, Bldg 7402	SFG16-005	Main Post	BE I.A2	03/02/2016	

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2016-189 Upgrade the 10 <sup>th</sup> SFG(A) Compound's Access Control System	SFG16-007	Main Post	BE I.A2	03/02/2016	
2016-191 Install Two Integrated Commercial Intrusion Detection System (ICIDS) Circuits, Bldg 1435	4ID16-008	Main Post	BE I.A2	03/03/2016	
2016-192 Install Boreholes and Injection Well at Former Bldg 201	DPW16-038	Main Post	BE I.C2	03/04/2016	
2016-193 Drainage Repairs, Bldg 1840	MWR15-047	Main Post	BE I.A2	03/04/2016	
2016-194 Install New Chain Link Gate at Playground Area A, Bldg 1840	MWR16-004	Main Post	BE I.A2	03/04/2016	
2016-195 Upgrade Street and Parking Lot Fixtures to Light-Emitting Diodes (LEDs)	DPW16-036	Main Post	BE I.A2	03/04/2016	
2016-196 Construct Fence at 4th Engineer (EN) Battalion (BN) Motor Pool	TEN16-024	Main Post	BE I.A2	03/04/2016	
2016-197 Prairie Dog Removal, Range 63	DPT16-011	Main Post	BE I.B3	03/07/2016	
2016-198 Ditch Maintenance, Wickersham Blvd south of Bldg 214	SO 724056	Main Post	BE I.B2	03/07/2016	
2016-200 Ditch Maintenance along Minick Ave between Prussman & Nelson Blvds	SO 727342	Main Post	BE I.B2	03/07/2016	
2016-202 Construct T-Trench for Fire Department Training, Bldg 3669	DIR16-011	Main Post	BE I.A1	03/08/2016	
2016-203 Install Carpet, Bldg 2700	DIR16-012	Main Post	BE I.A2	03/08/2016	
2016-204 Install New 20-ft Gate and Paving Stones, Bldg 2700	DIR16-010	Main Post	BE I.A2	03/08/2016	
2016-207 Routine Asphalt Maintenance Post-wide	DPW16-019	Main Post	BE I.A2	03/09/2016	
2016-208 Construction of Youth Sports Complex	PN 54788	Main Post	BE I.A2	03/09/2016	Undertaking has been previously reviewed under NEPA project number 2009-585; Section 106 consultation was completed in August 2009 (CHS #55400)
2016-209 Tree Planting at Bldg 6200	DPW16-039	Main Post	BE I.B3	03/10/2016	
2016-210 Replace Ceiling Tiles, Bldg 3852	SO 728749	Main Post	BE I.D2e	03/11/2016	

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2016-211 Construct Overwatch Positions at Gates 1, 2, 3, 6, & 19	DIR16-006	Main Post	BE I.A1	03/30/2016	
2016-214 Construct/Deconstruct Obstacle Course for Spring Brigade Physical Training (PT) Event, TA Bravo	IBD16-007	Main Post	BE I.A1 BE I.A3	03/15/2016	
2016-215 Construct Two American with Disabilities Act (ADA)-Compliant Restrooms, Bldg 5940	TEN16-026	Main Post	BE I.A2	03/23/2016	
2016-216 Install Asbestos Warning Signage on Bldg 3852	SO 728751	Main Post	BE I.D1i	03/18/2016	
2016-218 Install FM Antennas, Bldg 2132	3BD16-009	Main Post	BE I.A1	03/16/2016	
2016-219 Construct Gravel Pad for Displays, Bldg 2132	3BD16-010	Main Post	BE I.A1	03/16/2016	
2016-221 & 2016-333 Bldg 1218 Renovation	DPW15-123	Main Post	BE I.A2	03/17/2016 06/15/2016	
2016-222 Replace Carpet, Bldg 1435	4ID16-010	Main Post	BE I.A2	03/21/2016	
2016-223 Construct New Stairs, Bldg 1435	4ID16-011	Main Post	BE I.A1 BE I.A2	03/21/2016	
2016-224 Upgrade Lightning Protection System / Early Warning System (Big Voice)	TEN16-027	Main Post	BE I.A2	03/21/2016	
2016-225 Upgrade Ballistics Level Protection of Guard Booths, Gates 6 & 19	DIR16-007	Main Post	BE I.A1 BE I.A2	03/21/2016	
2016-226 Paint Two Hover Points, Center Line, & Edge Lines on the Existing Runway at Butts Arm Airfield (BAAF)	BAA16-005	Main Post	BE I.A2	03/16/2016	
2016-227 Install Paintball Arena at Cheyenne Mountain Shooting Complex (CMSC)	MWR16-007	Main Post	BE I.A1	03/22/2016	
2016-228 Construct a Shade Structure at Bldg 6060 – Child Development Center	MWR16-006	Main Post	BE I.A1	03/22/2016	
2016-233 Replace Culvert West of Golf Course near Titus Blvd & Just Cause Dr	SO 729478	Main Post	BE I.B2	03/25/2016	
2016-234 Ditch Maintenance along Harr Ave between Bastogne Dr & Sam Houston Loop	SO 730645	Main Post	BE I.B2	03/25/2016	

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2016-237 Replace HVAC System, Bldg 1014	DPW15-098 TEN15-525	Main Post	BE I.A2	03/28/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-379 & 2015-414
2016-239 Spartan Race, TAs 2 & 4	n/a	Main Post	BE I.A1 BE I.B1	01/15/2016	
2016-240 Bldg 5940 (Dunkin Donuts/Baskin Robbins) Renovation	TEN16-028	Main Post	BE I.A2	08/31/2016	
2016-241 & 2016-382 Renovate Interior & Install Electrical Service, Bldg 1515 (Future Jimmy John's)	DPW16-053 TEN16-029	Main Post	BE I.A2	03/30/2016 07/18/2016	
2016-245 Replace Carpet, Bldgs 1217, 1517, 1518, 1528, 2429, 2700, & 2701	DPW16-040	Main Post	BE I.A2	04/01/2016	
2016-246 Paint Exterior of the Water Treatment Facility (Bldgs 3874, 3870, 3871, 3880, 3868, 3867, & 3897) & VOR and NBD at Butts Army Airfield	DPW16-037	Main Post	BE I.A2	04/01/2016	
2016-248 Construct Interior Wall, Bldg 8152	TEN16-001	Main Post	BE I.A2	04/01/2016	
2016-250 Repair/Replace AC Unit, Bldg 1450	4ID15-003	Main Post	BE I.A2	04/04/2016	
2016-252 Replace Carpet , Bldg 2429	EH121-11P	Main Post	BE I.A2	03/30/2016	
2016-253 Install 13 Exit Alarms, Bldg 2144	3BD16-011	Main Post	BE I.A2	04/05/2016	
2016-254 Replace Carpet, Bldg 1518	MWR14-006	Main Post	BE I.A2	04/05/2016	
2016-255 Replace Carpet in Internet Room, Bldg 1528	MWR13-032	Main Post	BE I.A2	04/05/2016	
2016-258 Install Water Filtration System for Humidifiers, Bldg 2757	TEN16-030	Main Post	BE I.A2	04/06/2016	
2016-259 Install 10 Security Key Code Pads, Bldg 9090	TEN16-032	Main Post	BE I.A2	04/06/2016	
2016-261 Install 4-ft wide by 8-ft high Personnel Egress Gate, Bldg 7501	MED16-003	Main Post	BE I.A1	04/07/2016	
2016-262 Install Humidifier for Air Handling Unit (AHU) in Rm 099, Bldg 7490	MED16-004	Main Post	BE. I.A2	04/07/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-263 Repair Vertical Fire Shutters separating Hospital Tower from Commons and Horizontal Fire Shutters separating 1 <sup>st</sup> & 2 <sup>nd</sup> Floors of Outpatient Clinic, Bldg 7500	MED16-005	Main Post	BE I.A2	04/07/2016	
2016-264 Replace Walls Enclosing the Elevator Machinery Room Penthouse (Rm 6000) with Two-hour Fire Walls, Bldg 7500	MED16-006	Main Post	BE I.A2	04/07/2016	
2016-265 Repair Smoke Barriers & One-hour and Two-hour Fire Walls, Bldg 7500	MED16-007	Main Post	BE I.A2	04/07/2016	
2016-266 Install Fire Suppression Sprinklers in Rms 0105, 0600, & 0603, Bldg 7500	MED16-008	Main Post	BE I.A2	04/07/2016	
2016-267 Replace Carpet, Bldg 9638	DPT16-013	Main Post	BE I.A2	04/08/2016	
2016-268 Contour Ground to Direct Water Runoff away from Bldg 2059	MED16-014	Main Post	BE I.B2	04/07/2016	
2016-269 Contour Hillside to Direct Water Runoff away from Bldg 7489	MED16-015	Main Post	BE I.B2	04/07/2016	
2016-270 Install Three-Basin Sinks and Associated Utilities, Bldg 7500	MED16-010 MED16-011	Main Post	BE I.A2	04/07/2016	
2016-271 Construct a One-hour Fire Wall Enclosing the Warehouse Receiving Area, Bldg 7500	MED16-012	Main Post	BE I.A2	04/07/2016	
2016-272 Install Humidification System for the Ventilation serving the ISO 8 Pharmacy Clean Room, Bldg 7500	MED16-013	Main Post	BE I.A2	04/07/2016	
2016-277 Crowsfoot Bridge Construction	PN 77262	Main Post	BE I.A1 BE I.B2	04/12/2016	Undertaking has been previously reviewed under NEPA project numbers 2013-225, 2013-362, 2014-121, 2014-354, & 2014-388; ; undertaking is part of the 4th ID CAB Consolidated Battalion Headquarters (NEPA project numbers 2013-140, 2013-316, 2013-354, 2014-084, & 2015-022); Section 106 consultation was completed in October 2011 (CHS #60144)



USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-278 Dust Suppression on Fort Carson and Piñon Canyon Maneuver Site	DPW16-041 PCM16-019	Main Post, Downrange Fort Carson, PCMS Cantonment, & PCMS Numbered TAs	BE I.A2 FC D1b FC D2b PC A2b PC B4a2	04/26/2016	
2016-279 & 2016-443 Renovations to Bldg 7483 – THOR3 Gym	PN 79447 SFG15-017	Main Post	BE I.A1 BE I.A2	04/13/2016 08/25/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-325 & 2015-417
2016-280 & 2016-291 Ditch Maintenance within 3M Ditch along Route 4	SO 736648 DPW16-043	Main Post & Downrange Fort Carson	BE I.B2 FC D2a	04/13/2016	5EP7658, Merriam's Rock Creek Ditch, was documented; site documentation was submitted as part of the Section 106 consultation undertaking review packet for NEPA number 2016-123; SHPO concurred with determination of eligibility via correspondence dated 07/14/2016 (HC #70568); therefore, project now qualifies as exempted undertaking
2016-281 Remove and Cap Abandoned High Temperature / High Pressure Water Lines, Bldg 1860	DPW16-042	Main Post	BE I.A2 BE I.A3	04/19/2016	
2016-282 Repair and Replace Cracked Glass, Bldg 7500	MED16-009	Main Post	BE I.A2	04/11/2016	
2016-284 Replace Fire Suppression Systems, Bldg 501	FD029-11P	Main Post	BE I.A2	04/20/2016	
2016-284, 2016-336, & 2016-384 Replace Foam Fire System Components, Bldg 9633	DPW15-057	Main Post	BE I.A2	04/19/2016 06/17/2016 07/22/2016	Undertaking has been previously reviewed under NEPA project number 2015-251
2016-286 & 2016-433 Repair Roofs on Bldgs 129, 1392, 1510, 5950, & 8930	RES14-004 DPW16-025	Main Post	BE I.A2	04/21/2016 08/18/2016	See also 2016-158; undertaking has been previously reviewed under NEPA project number 2014-529
2016-288 Remove Wall in Bldg 1853	GAR16-007	Main Post	BE I.A3	04/21/2016	

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2016-292 Repair Administrative Area, Bldg 1669	DPW16-044	Main Post	BE I.A2	04/26/2016	
2016-293 Repair Shower Floor at Iron Horse Gym, Bldg 1925	DPW16-047	Main Post	BE I.A2	04/29/2016	
2016-295 Fix Ditch on Essayons Rd	SO 740010	Main Post	BE I.A2 BE I.B2	04/27/2016	
2016-296 13th ASOS Expansion, New Construction – Air Support Operations Center (ASOC)	ACC123301	Main Post	BE I.A1	05/11/2016	Undertaking has been previously reviewed under NEPA project number 2015-385
2016-298 Install Two Interior Walls, Bldg 7450	SFG16-009	Main Post	BE I.A2	05/05/2016	
2016-299 Install Two Interior Walls, Bldg 7420	SFG16-008	Main Post	BE I.A2	05/05/2016	
2016-302 Repair Parking Lots and Access Roads Post-wide #2	DPW16-023	Main Post	BE I.A2	05/10/2016	
2016-303 & 2016-482 International Hotel Group Candlewood Suites Project – Demolish Existing Hotel (Bldgs 7301, 7302, 7304, 7305) to Construct New Hotel	n/a	Main Post	BE I.A1 BE I.A3	05/11/2016 09/15/2016	
2016-305 Install Training Shelter Anchors for Connexes, Bldg 2135	DPT16-017	Main Post	BE I.A1	05/12/2016	
2016-306 Install Stormwater Collection Apparatus, Bldgs 9246 & 9633	DPW16-051	Main Post	BE I.B2	05/16/2016	
2016-308 Renovate Bldg 1056	MED16-016	Main Post	BE I.A2	05/16/2016	
2016-311 Remodel Bldg 1456	DPW16-045	Main Post	BE I.A2	05/17/2016	
2016-312 Construct Security Fence, Bldg 318	DIR16-018	Main Post	BE I.A1	05/17/2016	
2016-313 Replace HVAC System, Bldg 9620	TEN16-037	Main Post	BE I.A2	05/17/2016	
2016-314 & 2016-432 Construct/Repair Erosion/Stormwater Drains Post-wide	DPW16-048	Main Post & Downrange Fort Carson	BE I.B2 FC D2a	05/17/2016 08/18/2016	
2016-316 Repair Sidewalks South of Bldg 1218	TEN16-039	Main Post	BE I.A2	05/17/2016	
2016-317 Add Local Area Network (LAN) Drop to Southeast Wall for Video-teleconferencing (VTC) Capabilities, Bldg 1843	MED16-017	Main Post	BE I.A2	05/17/2016	
2016-318 Replace Broken Gutter, Bldg 3852	SO 738098	Main Post	BE I.D1j	05/19/2016	

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2016-319 Renovate Bldg 1534 to Convert the Smoothie King to a Qdoba	TEN16-040	Main Post	BE I.A2	05/23/2016	
2016-320 Deconstruct Bldgs 207, 209, 220, 221, 812, 5510, & 7303	DPW16-050	Main Post	BE I.A3	05/18/2016	
2016-321 Dig Permit for 4th of July Event at Iron Horse Park	MWR16-011	Main Post	BE I.B1	05/25/2016	
2016-322 Renovation of 2nd Floor, Bldg 8000	TEN15-504	Main Post	BE I.A2	05/26/2016	Undertaking has been previously reviewed under NEPA project number 2015-126
2016-323 Construct Concrete Pad, Bldg 324	DIR16-019	Main Post	BE I.A1	06/0/2016	
2016-324 Prescribed Fire in Gate 3 Area for Invasive Species Management	n/a	Main Post	BE I.B3	06/06/2016	
2016-325 Sediment Removal from Infantry Creek, Iron Horse Park	SO 748559	Main Post	BE I.B2	06/03/2016	
2016-326 Repair Sidewalk South of Bldg 1511	TEN16-042	Main Post	BE I.A2	06/06/2016	
2016-327 Tree Planting at the Golf Course	DPW16-054	Main Post	BE I.B3	06/20/2016	
2016-329 Repair Infantry Ditch at Iron Horse Park	DPW16-052	Main Post	BE I.B2	06/08/2016	
2016-330 & 2016-372 Nelson Boulevard Extension	DPW12-012	Main Post	BE I.A1 BE I.A3	06/08/2016 07/11/2016	Undertaking has been previously reviewed under NEPA project numbers 2012-012, 2015-130, 2015-198, 2015-286, & 2015-381
2016-331 Install Bird Spikes on Bldg 9630	TEN16-041	Main Post	BE I.A2	06/09/2016	
2016-332 Install New Countertops, Wall Coverings, Signs ,and Graphics, Bldg 6110	TEN16-043	Main Post	BE I.A2	06/09/2016	
2016-335 Install Security Bars, Bldg 320	DIR16-020	Main Post	BE I.A2	06/15/2016	
2016-337 Remove Carpet and Replace Flooring, Bldg 1160	MWR16-013	Main Post	BE I.A2	06/20/2016	
2016-338 Repair and Deep Clean Lines at Bldgs 1160, 1856, 2357, & the Gym	MWR16-015	Main Post	BE I.A2	06/21/2016	
2016-339 Paint Interior Walls of Bldg 1925	MWR14-038	Main Post	BE I.A2	06/22/2016	
2016-340 Secure Picnic Table to the Ground	MED16-019	Main Post	BE I.B1	06/22/2016	

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2016-341 Spread and Roll Asphalt at the Cheyenne Mountain Shooting Complex (CMSC)	MWR16-016	Main Post	BE I.B1	06/23/2016	
2016-342 Repaint Office, Bldg 1355	4ID16-021	Main Post	BE I.A2	06/23/2016	
2016-343 Remodel Rm 138 for Installation of U.S. Air Force (USAF) Simulation System, Bldg 9093	TEN16-048	Main Post	BE I.A2	06/24/2016	
2016-344 Repair/Repaint Cinder Block Walls and Install Carpet in Rm 126, Bldg 1218	TEN16-049	Main Post	BE I.A2	06/27/2016	
2016-345 Refurbish Interior of Elevator, Bldg 1526	EH041-11P	Main Post	BE I.A2	06/21/2016	
2016-346 Construct Offices at Bldg 1526	EH147-09P	Main Post	BE I.A2	06/22/2016	
2016-347 Construct Pads for Cannons, Bldg 1351	ART16-001	Main Post	BE I.A1	07/11/2016	
2016-351 Fort Carson Sanitary Sewer 8000 Area	DPW12-150	Main Post	BE I.A2	06/28/2016	Undertaking has been reviewed previously under NEPA project number 2012-258
2016-352 Replace Communications Pedestal at Turkey Creek Ranch	n/a	Turkey Creek Complex	BE I.D1b	06/27/2016	
2016-357 Install Pedestrian Warning System at Prussman Blvd near Infantry Creek	DPW16-061	Main Post	BE I.A1	07/06/2016	
2016-358 Remove All Basketball Goals at Bldgs 1160, 1856, & 2357	MWR16-014	Main Post	BE I.A2	07/06/2016	
2016-360 Install Temporary Access Gate at Bldg 7426	SFG16-014	Main Post	BE I.A1	07/06/2016	
2016-362 Provide Easement to CenturyLink for Fiber Optic Lines to Bldg 6110	TEN16-050	Main Post	BE I.A1	07/06/2016	
2016-363 Construct Office Spaces, Bldg 7404	SFG16-013	Main Post	BE I.A2	07/08/2016	
2016-364 Construct 50-ft x 50-ft Concrete Pad at Bldg 2031	MWR16-025	Main Post	BE I.A1	07/07/2016	
2016-365 Install Basketball Hoops at Bldgs 4790 & 6204	MWR16-026	Main Post	BE I.A2	07/08/2016	
2016-366 Relocate Surveillance System, Bldg 2700	DIR16-016	Main Post	BE I.A2	07/07/2016	
2016-367 Install Additional Storage Units at Bldg 6185	MWR16-020	Main Post	BE I.A1	07/07/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-368 & 2016-454 FY17 Prescribed Fire Plan, Fort Carson and PCMS	n/a	Main Post, Bird Farm Recreation Area, Turkey Creek Complex, Downrange Fort Carson, & PCMS Numbered TAs	BE I.B3 FC D2b PC B4b2	07/08/2016 09/01/2016	Portions of the undertaking have been previously reviewed under NEPA project numbers 2014-586 & 2015-469; prescribed burns within the Bird Farm Recreation Area and Turkey Creek Complex are not considered an exempted undertaking under the Fort Carson Built Environment PA; these areas are not included in the APEs for the Fort Carson Downrange PA. Section 106 consultation for these areas was completed in November 2015 (CHS #69200); see Table 2 for more details
2016-369 Upgrade of Cable Lines in Cherokee Village Housing	MWR16-019	Main Post	BE I.A2	07/11/2016	
2016-370 Replace Exterior Door, Bldg 3852	SO 755607	Main Post	BE I.D1h	07/11/2016	Incinerator Complex
2016-373 Install Hard-Wired Sauna Controls, Bldg 1925	MWR16-022	Main Post	BE I.A2	07/12/2016	
2016-374 Replace Flooring, Bldg 1030	SMC16-001	Main Post	BE I.A2	07/13/2016	
2016-375 Replace Ceiling Tiles, Bldg 8100	TEN16-047	Main Post	BE I.A2	07/12/2016	
2016-376 Install Window Shades, Bldgs 2038 & 2039	DPT16-020	Main Post	BE I.A2	07/13/2016	
2016-377 Install Quadruplex Outlets, Bldg 7465	SFG16-015	Main Post	BE I.A2	07/12/2016	
2016-378 Install Five Light Poles, Bldg 2135	DPT16-009	Main Post	BE I.A1 BE I.A2	07/14/2016	
2016-380 Install Snow Grates, Bldg 6237	GAR16-006	Main Post	BE I.A2	07/18/2016	
2016-381 Replace Sink in Rm 418, Bldg 1525	MED16-020	Main Post	BE I.A2	07/15/2016	
2016-385 Parking Lot Sign Reconfiguration, Bldg 2132	3BD16-015	Main Post	BE I.A2	07/20/2016	
2016-387 Install Sump Pump, Bldg 2260	1BD16-011	Main Post	BE I.A2	07/21/2016	
2016-390 Expand Rooms, Bldg 1668	4ID16-018	Main Post	BE I.A2	07/21/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-391 Install Grate Drain and Rubber Seal, Bldg 1160	MWR16-017	Main Post	BE I.A2	07/21/2016	
2016-393 Replace Chiller #2 & 3, Bldg 1864	DPW16-058	Main Post	BE I.A2	07/25/2016	
2016-395 Dig Permit For LT Dan Band Concert	MWR16-029	Main Post	BE I.B1	07/25/2016	
2016-398 Install ADRX Brake Test Machine, Bldg 8000	TEN16-051	Main Post	BE I.A2	07/14/2016	
2016-400 Construct Sidewalks and Gravel Pads, Bldg 9120	RES16-003	Main Post	BE I.A1	07/19/2016	
2016-402 Construct/Install Stormwater Controls at Bldg 9732	DPW16-063	Main Post	BE I.A2 BE I.B2	07/26/2016	
2016-404 Replace 5-ft Fence with 8-ft Fence, Bldg 3292	4ID16-015	Main Post	BE I.A2	07/27/2016	
2016-406 Dig Permit Request for Josh Turner Event, Iron Horse Park	4ID16-022	Main Post	BE I.B1	07/28/2016	
2016-407 St. Lo Culvert Replacement & Iron Horse Park Drainage Improvements	DPW13-117	Main Post	BE I.B2	08/02/2016	Undertaking has been previously reviewed under NEPA project number 2014-116
2016-408 Install Ultraviolet Swimming Pool Water Disinfection System, Bldg 1446	DPW13-105	Main Post	BE I.A2	07/27/2016	Undertaking has been previously reviewed under NEPA project number 2013-488
2016-409 Construct a Dunkin Donuts at Bldg 980	TEN16-044	Main Post	BE I.A2 BE I.A3	08/02/2016	
2016-411 Install Electrical Outlets in Rms 108 & 208, Bldg 6237	DIR14-047	Main Post	BE I.A2	08/02/2016	
2016-413 Remove Trees, Turkey Creek Ranch	SO 763876	Turkey Creek Complex	BE I.D1c	08/05/2016	
2016-414 Install Mirrors, Bldg 1658	GAR16-012	Main Post	BE I.A2	08/04/2016	
2016-415 Install Access Reader, Bldg 1550	DIR16-022	Main Post	BE I.A2	08/04/2016	
2016-416 Construct Wooden Privacy Fence, Bldg 1805	DIR16-023	Main Post	BE I.A1	08/05/2016	
2016-417 Repair Tactical Equipment Maintenance Facility (TEMF) Hardstand, Bldg 2492	DPW16-018	Main Post	BE I.A2	08/05/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-424 Install Window Film, Bldg 2757	DIR16-021	Main Post	BE I.A2	08/11/2016	
2016-425 Sediment Removal, Bldg 3703	SO 783902	Main Post	BE I.A2	08/15/2016	
2016-426 Construct Concrete Pads at Bldgs 9426, 9436, 9446, 9456, 9466, & 9486	DPW16-065	Main Post	BE I.A2	08/15/2016	
2016-427 Repair Roof, Bldg 6058 – Child Development Center (CD)	n/a	Main Post	BE I.A2	08/15/2016	
2016-430 Install Backup Generators, Gates 6 & 19	DIR16-008	Main Post	BE I.A1	08/18/2016	
2016-431 Sediment Removal, Bldg 8010	SO 767609	Main Post	BE I.B2	08/18/2016	
2016-435 Install Non-Secure Internet Protocol Router (NIPR) Phone and Ethernet Lines, Bldg 2357	4ID16-024	Main Post	BE I.A2	08/19/2016	
2016-436 Construct Five Vehicle Parking Pads for Static Displays, Bldg 6013	4ID16-023	Main Post	BE I.A1	08/19/2016	
2016-437 Emergency Water Main Repair, Fort Carson	n/a	Main Post	BE I.A2	08/19/2016	
2016-439 Install Integrated Commercial Intrusion Detection Systems (ICIDS), Bldgs 813, 1041, 1056, 1058, 1150, 1227, 1855, 2059, 2356, 6190, 7488, 7489, & 7490	MED16-021	Main Post	BE I.A2	08/22/2016	
2016-440 Construct Six Concrete Pads for Static Display, Bldg 9092	TEN16-053	Main Post	BE I.A1	08/19/2016	
2016-442 Install Slab Monitoring Equipment, Bldg 7500	MED16-022	Main Post	BE I.A2	08/18/2016	
2016-444 Re-Asphalt Parking Lot, Bldg 9120	RES16-004	Main Post	BE I.A2	08/24/2016	
2016-445 Renovate Bldg 1853	Gar16-010	Main Post	BE I.A2	08/29/2016	
2016-446 Relocate Electronic Gate and Install Concrete Pad for Gate Support Posts, Bldg 324	DIR16-024	Main Post	BE I.A2	08/29/2016	
2016-449 & 2016-489 Cheyenne Shadows Golf Course Renovation	MWR15-013 MWR15-014	Main Post	BE I.A2	08/22/2016 09/22/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-235 & 2015-240
2016-450 Construct Ice Bridge, Bldg 9550	DPT16-021	Main Post	BE I.A1 BE I.A2	09/02/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-453 Install Antennas at Bldg 2132 & 9649	BAA16-001 3BD16-009	Main Post	BE I.A2	08/30/2016	
2016-455 Range Improvements at Sniper Range, Range 43	SFG16-011	Main Post	BE I.A1 BE I.A2	09/01/2016	
2016-464 Install Door, Bldg 1226	MED16-023	Main Post	BE I.A2	09/06/2016	
2016-465 Construct Concrete Platform for Brake Test Machine, Bldg 8000	TEN16-056	Main Post	BE I.A1	09/06/2016	
2016-466 Paint Concrete Stair Faces, Bldgs 1953, 2052, 2054, 2070, 2074, 2078, 2150, 2154, 2250, 2254, 2450, 2454, & 2550	IBD16-015	Main Post	BE I.A2	09/07/2016	
2016-467 Construct/Repair Erosion Control, Bldg 7480	SFG16-016	Main Post	BE I.B2	09/07/2016	
2016-468 Ditch Maintenance, B-street Railroad across from Quest Bldg	SO 772124	Main Post	BE I.B2	09/08/2016	
2016-469 Repair Washout near Bldg 9550	SO 771752	Main Post	BE I.B2	09/08/2016	
2016-471 Railroad Track Repair, Fort Carson	SO 772337	Main Post	BE I.A2	09/12/2016	
2016-472 Install Entry Door into Rm 102A, Bldg 1226	MED16-023	Main Post	BE I.A2	09/12/2016	
2016-473 Install Non-Secure Internet Protocol Router (NIPR) Data Port, Bldg 2350	IBD16-010	Main Post	BE I.A2	09/12/2016	
2016-474 Install Antennas, Bldg 1030	SMC16-002	Main Post	BE I.A2	09/12/2016	
2016-476 Preventative Maintenance on Roofs, Post-wide	DPW17-021	Main Post	BE I.A2	09/12/2016	
2016-477 Roof Rehabilitation, Bldgs 400, 749, 1045, 1220, 1280, 1435, 2610, 8000, & 8010	DPW17-041	Main Post	BE I.A2	09/13/2016	
2016-478 Install Paint Booth, Bldg 9630	BAA16-010	Main Post	BE I.A2	09/12/2016	
2016-479 Repair Kentucky Fried Chicken (KFC), Bldg 1532	TEN16-058	Main Post	BE I.A2	09/14/2016	
2016-483 Sediment Removal near Bldg 5300	SO 773823	Main Post	BE I.B2	09/15/2016	
2016-491 Apply Dust Suppressant at Fort Carson	DPW17-009	Main Post & Downrange Fort Carson	BE I.A2 FC D1b FC D2b	09/12/2016	



USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-492 Install Asphalt Milling, Post and Dowel Fencing, & Breeze Pathways	DPW17-002	Main Post	BE I.A1 BE I.A2	09/23/2016	
2016-493 Construct Walls for Classrooms, Bldg 2423	4ID16-007	Main Post	BE I.A1 BE I.A2	09/28/2016	
2016-495 Construct Sidewalk, Bldg 1525	4ID16-026	Main Post	BE I.A1 BE I.B3	09/28/2016	
2016-496 Synchronize Traffic System & Install Traffic Signals	DPW17-001	Main Post	BE I.A1	09/28/2016	
2016-497 Reposition/Replace Air Conditioning (AC) Units, Bldg 2039	DPW17-049	Main Post	BE I.A2	09/29/2016	
2016-498 Install Keyless Entry and Surveillance System & Replace Motor Pool Gate, Bldg 1816	TEN16-057	Main Post	BE I.A2	09/29/2016	
2016-499 Install Two Projectors and Projection Screens & Route Electronics to Podium in Rms 407 & 408, Bldg 1525	MED16-024	Main Post	BE I.A2	09/14/2016	

**Table 2. Non-Exempted Undertakings Requiring Section 106 Consultation**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date Reviewed	SHPO Correspondence Number & Date	Remarks
2015-469 Implement Prescribed Burns FCCO and PCMS FY16; also 2016-368 & 2016-454 FY17 Prescribed Fire Plan, Fort Carson and PCMS	DIR15-031	Main Post, Turkey Creek Complex, Bird Farm Recreation Area, Downrange Fort Carson, PCMS Numbered TAs, & PCMS Lettered TAs	07/23/2015 07/08/2016 09/01/2016	CHS #69200 11/04/2015	Portions of the undertaking has been previously reviewed under NEPA project number 2014-586; prescribed burns within the Turkey Creek Complex and Bird Farm Recreation Area are not considered an exempted undertaking under the Fort Carson Built Environment PA; these areas are not included in the APEs for the Fort Carson Downrange PA; no adverse effects to historic properties.
2016-051 Collapsed Culvert Replacement and Temporary Ditch Crossing, Ammunition Holding Area (AHA)	SO 699465	Wildlife Demonstration Area	11/04/2015	HC #69339 12/09/2015 01/22/2015 03/16/2016	Site 5EP7672 was recorded as part of this undertaking; received SHPO concurrence with determination of eligibility (not eligible) and determination of effect (no historic properties affected) on 12/09/2015; due to flooding that occurred after the Section 106 consultation was initiated, the project was deemed urgent, and the notice to proceed was given after receipt of SHPO concurrence; comments were received on 12/21/2015 from the Colorado Council for Professional Archaeologists (CCPA) disagreeing with the determination of effect since the AHA access road was an unrecorded resource, but the project had already been completed; consultation did continue with the SHPO and CCPA regarding the recordation of the AHA access road.

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date Reviewed	SHPO Correspondence Number & Date	Remarks
2016-123 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	01/06/2016	HC #70568 07/14/2016	Section 106 consultation completed for portions of project area located at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; 5EP7658 (Merriam's Rock Creek Ditch, or 3M Ditch) site documentation submitted with consultation packet, received concurrence that site is ineligible; no adverse effects to historic properties (as long as no chemical treatment occurs within Overhang 1 at site 5PE326)
2016-201 Repair Dams Post-wide & 2016-463 Clear Vegetation from Dam Outlet at Haymes Reservoir	DPW16-015 SO 771662	Haymes Reservoir Townsend Reservoir, & Downrange Fort Carson	03/07/2016 09/06/2016	HC #70172 05/03/2016	Section 106 consultation is ongoing for portions of project area located at Haymes Reservoir and Townsend Reservoir; 5EP6633 recorded as part of this undertaking; received concurrence with determination of eligibility (not eligible) on 05/03/2016, but SHPO requested more information prior to concurring with determination of effect

**Table 3. Other Non-Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date(s) Reviewed	Remarks
2016-002 FY16 Survey for and Abatement of Asbestos-Containing Materials & Lead-Based Paint at Fort Carson and PCMS	n/a	Post-wide	10/01/2015	Document review
2016-044 FY17-1 Stationing Actions at Fort Carson	n/a	n/a	11/2/2015	No potential to effect historic properties
2016-069 Pollution Prevention (P2) Plan Review	n/a	n/a	11/16/2015	Document review
2016-093 88th RSC FY16 Stationing to Fort Carson	n/a	n/a	12/07/2015	No potential to effect historic properties
2016-115 Relocation of 671 <sup>st</sup> CT to Fort Carson	n/a	n/a	01/04/2016	No potential to effect historic properties
2016-116 Extend the Electronic Access Control System to Joint Tactical Ground Station (JTAGS) Initial Qualification Training (IQT) Training Suite	TEN16-012	Bldg 20000	01/05/2016	Related to undertakings previously reviewed under NEPA project numbers 2014-058 & 2015-035; building is under 50 years of age; building is located off post and is not covered in the APEs for the Fort Carson Built Environment PA
2016-117 Install an Access Control Point, Bldg 20000	TEN16-013	Bldg 20000	01/05/2016	Related to undertakings previously reviewed under NEPA project numbers 2014-058 & 2015-035; building is under 50 years of age; building is located off post and is not covered in the APEs for the Fort Carson Built Environment PA
2016-138 U.S. Army Medical Command (USAMEDCOM) FY17 Stationing at Fort Carson	n/a	n/a	01/21/2016	No potential to effect historic properties
2016-149 License Renewal to City of Colorado Springs for Asphalt Trail Crossing at Fort Carson's Las Vegas Rail Spur	n/a	n/a	02/03/2016	No potential to effect historic properties
2016-163 Install Blackout Shades on Exterior Windows, Bldg 20000	TEN16-019	Bldg 20000	02/10/2016	Building is under 50 years of age; building is located off post and is not covered in the APEs for the Fort Carson Built Environment PA
2016-168 FY17 Army Regulation (AR) 5-10 U.S. Army Criminal Investigation Command (CIDC) Stationing Action	n/a	n/a	02/17/2016	No potential to effect historic properties
2016-185 Temporary License to Ringling Bros. and Barnum & Bailey Circus	n/a	Main Post	02/26/2016	No potential to effect historic properties

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date(s) Reviewed	Remarks
2016-190 Regionalization of Network Enterprise Center (NEC)	n/a	n/a	03/03/2016	No potential to effect historic properties
2016-256 Increase U.S. Army Intelligence & Security Command (INSCOM) Insider Threat Personnel at Fort Carson	n/a	n/a	04/06/2016	No potential to effect historic properties
2016-294 1 <sup>st</sup> Space Brigade Restationing to Fort Carson	n/a	n/a	04/29/2016	No potential to effect historic properties
2016-307 Five-Year License to ABF Freight on Fort Carson	n/a	n/a	05/16/2016	No potential to effect historic properties
2016-309 Repair HVAC System at Bldg 20000	TEN16-035	Bldg 20000	05/16/2016	Building is under 50 years of age; building is located off post and is not covered in the APEs for the Fort Carson Built Environment PA
2016-310 Renovate Male Restroom on 1st Floor, Bldg 20000	TEN16-036	Bldg 20000	05/16/2016	Building is under 50 years of age; building is located off post and is not covered in the APEs for the Fort Carson Built Environment PA
2016-350 Review Environmental Battle Book	n/a	n/a	06/24/2016	Document review
2016-354 Review Programmatic Environmental Assessment (EA) for the Construction and Operation of Land-Based Solar Photovoltaic Renewable Energy Projects on Army Installations	n/a	n/a	06/20/2016	Document review; specific projects will be reviewed under Section 106 as they are proposed
2016-371 Space Command Stationing at Fort Carson, FY17	n/a	n/a	07/12/2016	No potential to effect historic properties
2016-388 HazWaste Contingency Plan Review	n/a	n/a	07/21/2016	Document review
2016-396 Red Cross License Renewal for Bldg 1217	n/a	Main Post	07/21/2016	No potential to effect historic properties
2016-401 Review the HazWaste Management Plan 2016	n/a	n/a	07/26/2016	Document review
2016-403 The Sand Creek Multi-Use Trail Project	DPW16-064	Off Post	07/26/2016	As the proposed action is not a Fort Carson project (i.e. not located on Fort Carson property or funded by Fort Carson), the Fort Carson Cultural Resources Management Program does not have any concerns. It is incumbent upon the City of Colorado Springs to ensure compliance with cultural resources-related legislation, as necessary.

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date(s) Reviewed	Remarks
2016-410 Upgrade and Operate the Joint Tactical Ground Station (JTAGS) Block II System Operations (information processing system), Bldg 2757	n/a	Main Post	08/05/2016	No potential to effect historic properties
2016-422 Relocation of Defense Contract Management Agency (DCMA) from Colorado Springs to Fort Carson	n/a	n/a	08/08/2016	No potential to effect historic properties
2016-438 Test and Evaluate Joint Chemical Agent Detector (JCAD) Integration into Strykers, Fort Carson	n/a	n/a	08/19/2016	No potential to effect historic properties
2016-448 Environmental Requirements Package Review for Post-wide Recycle and Refuse Service	n/a	Post-wide	08/30/2016	Document review
2016-460 Lease Renewal for AT&T Cell Tower located at Range Control, Wilderness Rd	n/a	Main Post	09/16/2016	No potential to effect historic properties
2016-461 Lease Renewal AT&T Cell Tower near Gate 3	n/a	Main Post	09/02/2016	No potential to effect historic properties
2016-462 License Renewal for AT&T Cell Tower on Carey St	n/a	Main Post	09/02/2016	No potential to effect historic properties
2016-481 Insider Threat IMCOM Stationing Action	n/a	n/a	09/15/2016	No potential to effect historic properties
2016-484 Balfour-Beatty Communities (BBC) Lease Amendment	n/a	n/a	09/19/2016	No potential to effect historic properties
2016-486 Central Intelligence Agency (CIA) Global Response Staff (GRS) Stationing to Fort Carson	n/a	n/a	09/20/2016	No potential to effect historic properties
2016-487 Renew 25-year Lease to Armed Forces Bank	n/a	n/a	09/21/2016	No potential to effect historic properties
2016-488 FY17 Survey for and Abatement of Asbestos Containing Materials & Lead Based Paint at Fort Carson and PCMS	n/a	Post-wide	09/22/2016	Document review
2016-490 364 Engineer Company, U.S. Army Reserve Command (USARC), Stationing to Fort Carson, FY17	n/a	n/a	09/22/2016	No potential to effect historic properties

**ENCLOSURE 2**  
**CULTURAL RESOURCES AWARENESS TRAINING MATERIALS**

## **SOLDIERS' BRIEF**



## Cultural Resources Awareness Training for Soldiers



### Fort Carson Cultural Resources Management Program

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## Cultural Resources Management Program's Objectives

**Conserve and protect natural and cultural resources consistent with the military mission for present and future generations.**

- Maximize Army training opportunities through compliance with federal and state laws and regulations.
- Protect the significant heritage assets of all cultures who have occupied the areas of Fort Carson and the Pinon Canyon Maneuver Site (PCMS).
- Institute sustainable management practices regarding identification, evaluation, treatment, and protection of significant cultural resources.



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## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Resources can be thousands of years old, hundreds of years old, or from the more recent past

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## Examples Include...



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## Fort Carson's Cultural Resources



- Fort Carson:**
- 2201 Cultural Resources
  - 645 Prehistoric Archaeological Sites
  - 194 Historic Archaeological Sites
  - 73 Multi-component Archaeological Sites
  - 1007 Isolated Finds
  - 282 Buildings
  - 2 Historic Architectural Districts
  - 1 Rock Art District
  - 1 (Potential) TCP
  - 1 Sacred Site

- PCMS:**
- 6039 Cultural Resources
  - 2991 Prehistoric Archaeological Sites
  - 563 Historic Archaeological Sites
  - 621 Multi-component Archaeological Sites
  - 126 Unknown Affiliation Sites
  - 1738 Isolated Finds
  - 12 Historic Homestead Complexes
  - 3 TCPs
  - 5 Sacred Sites

Complex and Simple Habitation Sites  
Temporary Field Camps  
Stone Artifact Scatters/Quarry Locations  
Food Procurement/Processing Sites  
Rock Art Panels (Prehistoric & Historic)  
Historic Ranches/Farmsteads  
Military Construction (1942-Present)  
Stage Station/Mail Route Remnants  
Small Mining Operations

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## Why is it Important to Protect Cultural Resources?

- They provide information regarding **our** heritage, **our** practices, and **our** beliefs.
  - Contributes to **our** sense of place and identity
- These areas may have profound religious and spiritual significance to Native American tribes and other ethnic groups.
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices.
- As a non-renewable resource – once destroyed, it can never be restored.
  - This is why it is important to document cultural resources before they are irrevocably lost!
- It is **our duty**, as the manager of publicly-owned land, to be good stewards – ensuring compliance with all environmental and cultural laws and regulations.

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## How Can You Help Protect and Preserve Cultural Resources?

**DO:**

- **Coordinate land use with Range Operations to ensure you are in an approved area.**
- **Obey maneuver damage, environmental and cultural resources protection policies and procedures.**
- **Observe posted signs, fencing, and Seibert marking indicating restricted areas that may be off-limits to vehicles, digging, bivouacking or other activities.**
- **Report any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).**
- **Stay vigilant!**

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## How Can You Help Protect and Preserve Cultural Resources?

### DON'T:

- Collect any artifacts, including arrowheads and bottles.
- Disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- Lean against, sit on, or step on rock mounds, rock walls, ruins or other cultural features.
- Touch or deface rock art.
- Trespass in historic structures.

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If you find artifacts, bones, or other cultural items...

# STOP WORK IMMEDIATELY

- Flag a protective buffer around the location of the discovery.
- Report the discovery to:
  - Fort Carson Range Operations (719-526-5698) or PCMS Range Operations (719-503-6130); and/or
  - Fort Carson CRM (719-526-4484) or PCMS Archaeologist (719-503-6136)
- You will be notified when you can proceed.

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## What is the Harm in Taking a Souvenir?

If every person who visited the Vietnam Memorial decided to take one name off as a souvenir, eventually there would be nothing left.

The same is true with archaeological sites. If everyone who visited a site took an arrowhead or bottle, eventually there would be nothing left that would give us information about the people who lived there. **OUR HERITAGE WOULD BE LOST!**

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## What's Wrong with this Picture?



Seriously...where's the harm in leaving your legacy somewhere?

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## Another Reason for Protecting Cultural Resources...

# BECAUSE IT'S THE LAW!

- National Historic Preservation Act
- Archaeological Resources Protection Act
- Native American Graves Protection and Repatriation Act
- American Antiquities Act of 1906
- American Indian Religious Freedom Act
- And more...

And some of these laws, such as the Archaeological Resources Protection Act, carry criminal and civil penalties.

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## Archaeological Resources Protection Act

- Knowingly damaging an archaeological resource is a violation of the Archaeological Resources Protection Act (ARPA)
- ARPA carries up to \$100,000 fine AND 1 year in jail for 1<sup>st</sup> offense

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## Where Can You Learn More?

### Integrated Cultural Resources Management Plan (ICRMP)

- The ICRMP is a Fort Carson-specific tool for the management of cultural resources
  - Outlines program obligations, goals, priorities, and Standard Operating Procedures (SOPs)
- Contains information pertinent to your job
  - SOP for Mission Training of Military and Tenant Personnel
  - SOP for Inadvertent Discovery of Cultural Materials
- Where can it be found?
  - [www.carson.army.mil/DPW/NEPA.html](http://www.carson.army.mil/DPW/NEPA.html)

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## POCs

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Cultural Resources Manager	PCMS Archaeologist
719-526-4484	719-503-6136
<a href="mailto:pamela.k.miller26.civ@mail.mil">pamela.k.miller26.civ@mail.mil</a>	<a href="mailto:jennifer.r.kolise.civ@mail.mil">jennifer.r.kolise.civ@mail.mil</a>

## THANK YOU FOR YOUR SUPPORT IN PRESERVING OUR CULTURAL HERITAGE!

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## **CULTURAL RESOURCES FACT SHEET**



## PRESERVATION

How can you help protect and preserve cultural resources?

- Coordinate land use with Range Operations to ensure that you are in an approved area
- Obey maneuver damage, environmental and cultural resources protection policies and procedures
- Observe posted signs, fencing, and Seibert marking that indicate restricted areas, which may be off-limits to vehicles, digging, bivouacking, or other activities
- Do not collect artifacts, including arrowheads and bottles
- Do not disturb stone circles, rock mounds, ruins or other cultural features
- Do not touch or deface rock art
- Do not trespass in historic structures
- Report any signs or looting, graffiti, or other damage to a cultural site
- No graffiti anywhere, anytime



*Graffiti, as seen in the photograph above, can irreparably harm the integrity of a site. There is no way to remove the graffiti without doing further damage to the site.*

## PROTOCOL

What is the proper protocol to follow if buried artifacts, bones, or other cultural items are found during training, construction, or ground disturbing activities?

### **STOP WORK IMMEDIATELY**

- Flag a protective buffer around the location of the discovery
- Report the discovery to either:
  - Fort Carson/PCMS range Operations staff
  - Fort Carson Cultural Resources Manager/PCMS Archaeologist



## CONTACT

Fort Carson Cultural  
Resources Manager ..... 719-526-4484

Fort Carson  
Range Operations ..... 719-526-5898

PCMS  
Archaeologist ..... 719-503-6136

PCMS  
Range Operations ..... 719-503-6130

**Thank You for Your Support in Preserving Our  
Cultural Heritage!**

## CULTURAL RESOURCES FACT SHEET:

### **FORT CARSON AND PINON CANYON MANEUVER SITE**



# USAG FORT CARSON CULTURAL RESOURCES FACT SHEET

## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Can be thousands of years old, hundreds of years old or from the more recent past
- Examples include:
  - Rock art and carvings
  - Archaeological sites
  - Historic buildings, structures or objects
  - Historic roads and trails
  - Sacred sites and traditional cultural properties (TCPs)
  - Human burials
  - Artifacts
  - Ruins



## What Types of Cultural Resources are Found on Fort Carson Lands?

Over 2,200 archaeological and historical sites at Fort Carson and over 6,000 archaeological and historical sites at Pinon Canyon Maneuver Site have been recorded and evaluated for the National Register of Historic Places.

### Prehistoric sites:

Petroglyphs and pictographs (i.e. rock art and carvings); stone circles, tipi rings and cairns; open camp sites; stone artifact scatters; rock shelters; quarry pits



### Historic sites:

Trail ruts; rock inscriptions; homestead and ranch complexes; historic dumps and trash scatters; WWII and Cold War-era cantonment buildings



## Why is it Important to Protect Cultural Resources?

- Cultural resources provide information regarding our heritage, our practices, and our beliefs
  - Contributes to our sense of place and identity
- Cultural sites can have profound religious and spiritual significance to Native American tribes and other ethnic groups
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices
- By preserving, protecting and respecting cultural resources, you ensure these resources are available for future generations
  - Non-renewable resource—once destroyed, can never be restored
- It is our duty as the land manager to be good stewards, ensuring compliance with all environmental and cultural laws and regulations

### IT'S THE LAW!

Violation of cultural resources protection law will result in civil and criminal penalties, monetary fines, and possible imprisonment.

**DOS AND DON'TS POCKET CARD**

**Front Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DOs”**

- 1) **DO** coordinate land use with Range Operations ensure that you are in an approved area.
- 2) **DO** obey maneuver damage, environmental and cultural resource protection policies and procedures.
- 3) **DO** observe posted signs, fencing, and Seibert marking, indicating restricted areas that may be off-limits to vehicles, digging, bivouacking, or other activities.
- 4) **DO** report any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).
- 5) If artifacts, bones, or other cultural items are found, **DO** flag a protective buffer around the location and **DO** report the discovery to Range Operations and/or the CRM.

***Thank you for your support in preserving OUR cultural heritage!***

**Back Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DON'Ts”**

- 1) **DON'T** collect artifacts, including arrowheads and bottles.
- 2) **DON'T** disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- 3) **DON'T** lean against, sit or step on rock mounds, rock walls, ruins, or other cultural features.
- 4) **DON'T** touch or deface rock art.
- 5) **DON'T** trespass in historic structures.
- 6) **NO** graffiti anywhere, anytime.

***Call the Cultural Resources Program at 526-4484 or 503-6136 with any questions!***



**ENVIRONMENTAL PROTECTION OFFICER (EPO) COURSE**

**Attachment 2-A**

## CULTURAL RESOURCES MANAGEMENT



EPO Course




## EPO COURSE MODULE OBJECTIVES

Teach U. S. Army soldiers, DA civilians, and contractors how to appropriately deal with cultural resources

Demonstrate how stewardship of cultural resources facilitates the U. S. Army mission in a sustainable manner


EPO Course



## THE OBJECTIVE OF THE CULTURAL RESOURCES MANAGEMENT PROGRAM IS . .

- ...to maximize the training opportunities of the U. S. Army, while ensuring compliance with federal regulations.
- ...to protect Soldiers and civilian employees from litigation and financial loss.
- ...to protect the cultural heritage of all people who have lived in the areas encompassed by Fort Carson and the Pinon Canyon Maneuver Site, now under the Army's stewardship.
- ...to institute historic preservation practices regarding documentation, renovation, and rehabilitation of significant cultural resources.

EPO Course



## WHAT ARE CULTURAL RESOURCES?

The Fort Carson Cultural Resources Management Program manages two types and three grades of resources on Army land:

**Artifacts:** Small, portable objects (arrowhead, silver dollar)

**Features:** Non-portable objects (building, fire pit, foundation, tipi ring, rock art panel)

**Sites:** More than 4 artifacts; a temporally or functionally diagnostic artifact with one or more additional artifacts or features; any feature or structure


**Isolated Finds:** 4 or fewer artifacts, or only one item that is diagnostic

**Districts:** A group of buildings, properties, or sites that are historically or prehistorically significant. Districts greatly vary in size, some with hundreds of structures and others with just a few.

**Significant/Protected:** A district, site, building, structure, or object of particular value to archaeology/history, that has the potential for inclusion in the National Register of Historic Places (NRHP) is determined to be "eligible" or "needs data" through consultation with the State Historic Preservation Officer (SHPO), Native American Tribes, and other consulting/interested parties.

**Not Significant:** A site, building, structure, or object that is "not eligible" for inclusion in the NRHP, also determined through consultation.

EPO Course



## WHAT DO WE HAVE?

**Archaeological Sites and Isolated Finds**

- Fort Carson = 2,203
- PCMS = 6,039

**Native American**

- From Clovis (11,500 years old) and Folsom (10,950 years old) periods through recent times (1860s +)

**Euro- and Anglo-American**

- Homesteading, cattle ranching, mining (1840s +)


**Hispanic American (PCMS)**

- Plaza settlements, sheep ranching (1800s +)

**Wagon Trails and Stage Lines**

- Santa Fe Trail and Barlow, Sanderson and Company mail route

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## FEATURE - APISHAPA STRUCTURE



EPO Course



# FEATURE - ROCK ART



EPO Course



# SITE - LA PLACITA SETTLEMENT



EPO Course



# SITE - BROWN'S SHEEP CAMP



EPO Course



# DISTRICT - INCINERATOR COMPLEX



EPO Course



# COULD IT BE A PROTECTED RESOURCE?



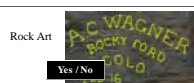
Yes / No



Yes / No



Yes / No



Yes / No



Yes / No



Yes / No

EPO Course



# WHEN YOU FIND CULTURAL RESOURCES, WHAT SHOULD YOU DO?



## Leave them alone !!

- Archaeology = Spatial Analysis
- Residue Analysis
- Acceleration of Erosion
- Prevents physical damage
- It's the law
- It's sustainability
- Sites are often larger than the visible artifact spread

EPO Course



## SCENARIO 1: FORT SILL TRAINING SERVICES CENTER WAREHOUSE

### Comanche Nation vs U.S. Army



The Comanche Nation was granted a temporary restraining order by a federal judge, claiming it was not officially consulted by Fort Sill concerning the construction of a Training Services Center Warehouse. Medicine Bluff was added to the National Register of Historic Places in 1974.

EPO Course



## SCENARIO 2: ROCK ART AND GRAFFITI

14

Defacing any type of government property is unlawful and constitutes a violation of the Archaeological Resources Protection Act – YOU CAN BE PROSECUTED!

Rock art and other archaeological sites are routinely inspected by law enforcement and Cultural Resources Program staff.

All sites are documented, photographed, and changes noted and reported.

**DO NOT ADD GRAFFITI... THAT IS SCRATCH, PECK, PAINT, OR CHALK ON STONE SURFACES OR HISTORIC BUILDINGS!!!!**



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## STAY AWAY FROM STRUCTURES!

Do not operate vehicles within 100 meters of standing historic structures; helicopter landing restricted within a 150 meters.

Do not damage historic structures by camping in or near them or training in close vicinity.

Do not hover over protected properties.

Do not disturb prehistoric or historic materials on a site.



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## SIGNS, SIGNS, EVERYWHERE ARE SIGNS...



	Off Limits	Limited Use Area	Restricted Area	Siebert Marked
Vehicles allowed	No	Only on roads	Only on roads	No
Training allowed	No	Dismounted only	Dismounted only; prebriefing required	Dismounted only
Digging allowed	No	None	No	No

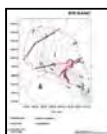
EPO Course



## WHEN ARCHAEOLOGICAL SITES ARE DAMAGED, WHAT HAPPENS?

Damage is documented and mapped, and when serious enough, the site may require testing or mitigation.

Responsible units or directorates will have to pay for any testing and mitigation from their funds.



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## CULTURAL RESOURCES ARE . . .

18

...not renewable – once destroyed, they are gone forever, along with any information they could have revealed.

...being destroyed by natural processes – do not accelerate this phenomenon.

...very diverse culturally (ethnicity, gender, religion) and cover a tremendous time range (at least 11,500 years).

...part of a natural training environment – wherever the Army goes, there will be houses, shelters, corrals, etc.

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## CULTURAL RESOURCES AWARENESS DURING TRAINING

19

Treat fenced areas as though they are minefields, NBC hazards, mosques, etc.

Treat historic corrals and fences as you would treat corrals and fences of friendly forces in the theater of operations.

Respect houses as you would respect those of our allies – do not steal from them!

DO NOT mark, carve, peck, move, or otherwise impact natural or cultural resources, rock art, etc.!!!!

EPO Course



## NOT JUST MANAGEMENT - IT IS ALSO THE LAW!

20

### National Historic Preservation Act (NHPA)

- requires all federal agencies to identify and protect cultural resources through Sections 110 and 106.

### Archeological Resources Protection Act (ARPA)

- requires artifacts and collections be housed and maintained by state or federally-permitted authorities only.
- prohibits artifact collection on federal property.

### Native American Graves Protection and Repatriation Act (NAGPRA)

- requires consultation with Native American tribes when human remains or special artifacts are recovered.

### 36 CFR 79, *Curation and Management of Federally-owned and Administered Archaeological Collections*

- Sets standards for curating artifacts and archaeological collections.

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## ...BY LAW, REGULATION, POLICY

### American Indian Religious Freedom Act (AIRFA)

- Protects Native American religious freedom and access to sites with religious significance.

### Executive Order 13007, Indian Sacred Sites

- States the government will (1) accommodate access to and ceremonial use of Indian sacred sites by Indian religious practitioners, and (2) avoid adversely affecting the physical integrity of such sacred sites. Numerous other orders and policies define working within a government-to-government relationship.

### Army Regulation 200-1, *Army Environmental Protection and Enhancement*

- Chapter 6 pertains to the identification, management, and protection of cultural resources.

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## TRAINING AND PROJECT REVIEW PROCESS

22



As part of the Army's planning process for projects and training at Fort Carson and the Pinon Canyon Maneuver Site, Cultural Resources Program staff must review the activity in accordance with Section 106 of the National Historic Preservation Act (NHPA), to identify cultural resources that may be affected and work to avoid, minimize, or mitigate for any impacts.

Section 106 consultation is a component of the NEPA review process for projects with a potential to impact significant cultural resources, Section 106 consultation involves the following:

1. Receive work order through NEPA program.
2. Cultural review of project and response to NEPA program.
3. As needed, initiate Section 106 consultation with State Historic Preservation Officer (SHPO), Native American Tribes, and other Fort Carson Stakeholders (30 day review period as dictated by law).
4. Notification of comments and/or concurrence to NEPA and proponent.

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## PALEONTOLOGICAL RESOURCES

23

There are ongoing efforts to enact laws mandating similar protection for paleontological resources. Treat them as though they are fully protected – be proactive!!



Mosasaur



Ichthyosaur

EPO Course



## CONTACT INFORMATION

24

Secure the area in order to prevent or minimize damage.

Contact the DPW-ED Cultural Resources Management Program:

- Pam Miller (Program Manager) 719-526-4484
- Mark Owens (Lead Archaeologist) 719-526-3806
- Betty Whiting (Historic Preservationist) 719-526-3796

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**IN CONCLUSION, LET'S WORK TOGETHER!**

*The Fort Carson Cultural Resources Management Program exists to help you, to protect you, to protect the U. S. Army, to preserve and manage our rich cultural resources, and to help prepare our soldiers for any possible mission – this effort requires a group that cooperates.*

*The Program's strategic practices are accomplished by proactively identifying, evaluating, protecting, and mitigating significant cultural resources. In this way, we can preserve the heritage and traditions of those who have affiliations with the lands and cultures that are under Fort Carson's stewardship.*

*Success can only be achieved if we work as a team!!*

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**ENCLOSURE 3:**  
**PROPOSED ADDITIONAL AREAS OF POTENTIAL EFFECTS**

In accordance with Stipulation V of the Fort Carson Built Environment PA, USAG Fort Carson proposes to add the following APEs to address USAG Fort Carson-managed properties that are not within the boundary of Fort Carson proper: Building 20000, the Arrival/Departure Air Control Group (A/DACG) Rapid Deployment Facility, the Fort Carson-Kelker Junction Rail Spur, Gale Ditch, and Utility Easements. Exempted undertakings for these additional APEs will be included in the amendment proposal that is under development and will be submitted to all signatories, Tribes, and consulting parties for review and comment in accordance with Stipulation VIII of the Fort Carson Built Environment PA.

**Building 20000 APE:** Building 20000, the W.T. Stevenson Warehouse, is located at 2525 Aviation Way, Colorado Springs (Figure 1). It is a 92,000 square foot warehouse built in 1984 as part of a distribution and manufacturing commercial venture at the Colorado Springs Municipal Airport. Acquired by the Army in 1992, the building and surrounding grounds comprise 12.74 acres, most of which is asphalt or concrete hardened. An Environmental Assessment (EA) was completed in November of 1989 prior to the Army's acquisition; no cultural concerns were noted. Numerous interior and exterior modifications and improvements have occurred. There is no archaeological component present, and the building will not be NRHP evaluated until 2034.

**A/DACG Rapid Deployment Facility APE:** The A/DACG Rapid Deployment Facility is located within the Colorado Springs Municipal Airport complex, and was constructed as part of the Airport Business Park development initiated in 2005-2006 (Figure 2). The facility is comprised of 81.28 acres in the northeastern portion of the Airport Business Park. There are three buildings (7330, 7304, and 7314) and approximately 60 acres of asphalt or concrete hardstand for vehicle parking, roadways, aircraft taxiways and parking apron; stormwater features; and utilities infrastructure. The buildings and structures are owned-operated by the USAG Fort Carson, while the land is leased from the City of Colorado Springs by Peterson Air Force Base.

Preliminary planning for the Colorado Springs Airport Business Park included an Environmental Assessment completed by CH2MHill in September 2005. As part of this project, a Class III cultural resource survey of the A/DACG and immediate vicinity was conducted by Centennial Archaeology, Inc.; no historic properties were identified (CH2MHill 2005; Kalasz et al. 2005). The State Historic Preservation Officer (SHPO) concurred with the determination of "no historic properties affected" per 36 CFR 800.4(d)(1) and the finding of "no significant impacts to cultural resources" per the NEPA (CH2MHill 2005). Representatives from 14 federally-recognized Tribes were contacted by the Federal Aviation Administration (FAA) to determine if any of the Tribes attach religious or cultural significance to the project area. Consultations were conducted in accordance with 36 CFR 800.2(c)(2) and Section 101(d)(6)(b) of the National Historic Preservation Act (NHPA) and the Native American Graves Protection and Repatriation Act (NAGPRA), 43 CFR 10.5. Five Tribes confirmed that the project would not affect objects, sites or locations of traditional religious or cultural importance to their Tribes, while the other Tribes did not respond to the FAA's requests for assessment (CH2MHill 2005).

**Fort Carson-Kelker Junction Rail Spur APE:** The Fort Carson-Kelker Junction Rail Spur includes the right-of-way (ROW) from Fort Carson's railyard, sited on the north end of the Main Post, and extends approximately 2.15 miles northeast to Kelker Junction at East Las Vegas Street (Figure 3). The ROW varies from 60 to 150 feet in width, equaling an area of 23.5 acres. The rail spur was constructed in 1943 for military deployment purposes and is still used today. In 1996, Fort Carson Cultural Resources Management Program staff conducted a cultural resources survey of the ROW, and recorded and evaluated site 5EP2512, the Fort Carson-Kelker Junction Rail Spur.



The following railroad bridges are located along the Fort Carson-Kelker Junction Rail Spur: 1) Fort Carson Facility No. 86030 over Interstate 25 (I-25); 2) Fort Carson Facility No. 86031 over U.S. Highway 85/87; and 3) Fort Carson Facility No. 86032 over Fountain Creek. The I-25 railroad bridge (Fort Carson Facility No. 86030) was constructed in 1955 as part of the construction of the interstate highway system through the city of Colorado Springs. It is a four-span, steel multi-beam steel bridge. It has an open deck with steel beams, concrete piers, and sloping abutments, and measures 186 feet in length and 26 feet in width. The bridge was recorded in 2015 during a re-evaluation of the Fort Carson-Kelker Junction Rail Spur as site 5EP6625.

The U.S. Highway 85/87 railroad bridge (Fort Carson Facility No. 86031) was constructed in 1997, replacing the original bridge that had been recorded and evaluated as part of the 1996 investigation of the Fort Carson-Kelker Junction Rail Spur. It is described as a two-girder floor beam system bridge. It has an open deck with steel beams and concrete piers, and measures 147 feet in length and 22 feet in width. The bridge was recorded in 2015 during a re-evaluation of the Fort Carson-Kelker Junction Rail Spur as site 5EP6624.

The Fountain Creek railroad bridge (Fort Carson Facility No. 86032) was constructed in 1966 to replace the ca 1943 wood trestle bridge that washed out during the July 1965 flood. It is a three-span, two-girder floor beam system bridge. It has an open deck with steel beams and concrete piers, and measures 162 feet in length and 22 feet in width. The bridge was recorded in 2015 during a re-evaluation of the Fort Carson-Kelker Junction Rail Spur as site 5EP6626.

The Fort Carson-Kelker Junction Rail Spur and all three railroad bridges have been determined ineligible for the NRHP. The SHPO concurred with these determinations of eligibility via correspondence dated March 13, 1996, for the rail spur and correspondence dated April 23, 2015, for the railroad bridges.

**Gale Ditch:** The Gale Ditch, constructed in 1867, represents the first irrigation effort in the Rock Creek drainage, and is still active today. One segment of the Gale Ditch was recorded in 1993, then re-evaluated in 1997, as site 5EP2187.1 (Figure 4). This segment enters Fort Carson via a 10-inch pipeline under Highway 115. On Fort Carson, the pipeline surfaces approximately 250 feet east of the highway at a concrete feature, then diverges into two sections. One section of 5EP2187.1 continues 1,800 feet as a 10-inch underground pipeline while the other section continues 2,500 feet south as an open ditch.

The westernmost segment of Gale Ditch was recorded in 2007 as 5EP2187.2 (Figure 5). Features associated with this segment include the headgate/diversion box and the diversion dam, both of which are constructed from concrete. The ditch in this location is described as a closed system with water directed through a pipeline.

This APE covers only those portions of the Gale Ditch that lay outside the Fort Carson boundary for which the USAG Fort Carson has management responsibilities: 1) the northwestern portion of 5EP2187.1 that underlies Highway 115 and measures approximately 210 feet long by 32 feet wide; and 2) the entirety of 5EP2187.2 measuring approximately 72 feet long by 33 feet wide, and is located approximately 0.9 miles northwest of 5EP2187.1.

Both segments have been determined eligible for inclusion in the NRHP. The SHPO concurred with these determinations of eligibility via correspondence dated June 10, 1996, for 5EP2187.1 and September 17, 2007, for 5EP2187.2.

**Utility Easements:** This APE covers utility easements located outside of the Fort Carson boundary and their associated buildings or structures for which the USAG Fort Caron has management responsibilities. A complete description and map are forthcoming.

### References Cited

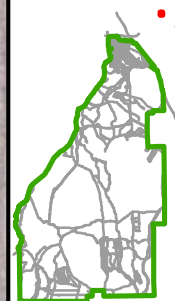
CH2MHill

2005 *Environmental Assessment: Colorado Springs Airport Business Park*. CH2M Hill, Colorado Springs, Colorado. Submitted to the U.S. Department of Transportation, Federal Aviation Administration, Northwest Mountain Region, Denver, Colorado.

Kalasz, Stephen M., Erik M. Gantt, and Christian J. Zier

2005 *A Cultural Resource Inventory of Three Proposed Aviation and Business Development Areas and an Access Road at the Colorado Springs Airport, El Paso County, Colorado*. Centennial Archaeology, Inc., Fort Collins, Colorado.

GENERAL VICINITY



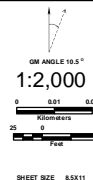
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

## Legend



**Bldg 20000 Area of Potential Effects (APE)**



FORT CARSON

COMMON INSTALLATION PICTURE

Figure 1. Bldg 20000

NEPA &amp; CULTURAL MANAGEMENT BRANCH

PRODUCTION: DPW-EDICRMP

PHONE: (719) 593-6136

PREPARED BY: JRK CHECKED BY: GWT PREPARED: 11/9/2016

FILE NAME: Bldg 20000 Boundary SHEET: 1-1

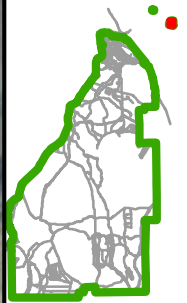


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GENERAL VICINITY

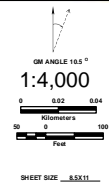


42° 52' 00.00" N



## Legend

A/DACG Area of Potential Effects (APE)



FORT CARSON

COMMON INSTALLATION PICTURE

Figure 2. A/DACG

DPW ENGINEERING DIVISION GIS

PRODUCTION: DPW GIS / FLATIRON 2

PHONE: (719) 524-1885

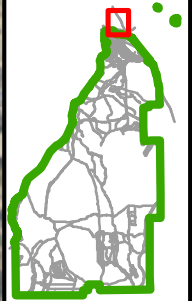
PREPARED BY: JC CHECKED BY: BSP REVISION: 11/2/2016

FILE NAME: A/DACG\_Boundary SHEET: 1-1

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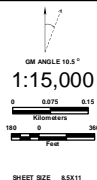


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

## Legend



**Fort Carson-Kelker Junction Rail Spur  
Area of Potential Effects (APE)**



FORT CARSON

COMMON INSTALLATION PICTURE

Figure 3. Fort Carson-Kelker Junction Rail Spur ROW

NEPA & CULTURAL MANAGEMENT BRANCH

PRODUCTION: DPW-EDICRMP

PHONE: (719) 593-6136

PREPARED BY: JPK CHECKED BY: GWT PREPARED: 11/14/2016

FILE NAME: Fort Carson-Kelker Junction Rail Spur SHEET: 1-1





4283000m.N



## Legend

-  Gale Ditch (5EP2187.1)  
Area of Potential Effects (APE)



FORT CARSON

COMMON INSTALLATION PICTURE

Figure 4. Gale Ditch

NEPA & CULTURAL MANAGEMENT BRANCH

PRODUCTION: DPW-EDICRMP

PHONE: (719) 503-6136

PREPARED BY: JPK CHECKED BY: GWT PREPARED: 12/14/2016

FILE NAME: Gale Ditch SHEET: 1-1



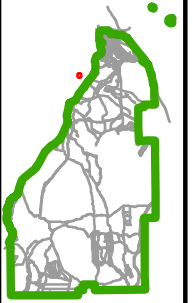
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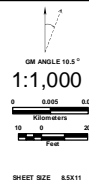
GENERAL VICINITY



## Legend



**Gale Ditch (5EP2187.2)  
Area of Potential Effects (APE)**



FORT CARSON

COMMON INSTALLATION PICTURE

Figure 5. Gale Ditch

NEPA & CULTURAL MANAGEMENT BRANCH

PRODUCTION: DPW-EDICRMP

PHONE: (719) 503-6136

PREPARED BY: JPK CHECKED BY: GWT PREPARED: 11/14/2016

FILE NAME: Gale Ditch SHEET: 1-1



FOR OFFICIAL USE ONLY

IF YOU SEE ANY ERRORS OR OMISSIONS ON THIS MAP, PLEASE CALL DPW GIS OR MARK YOUR CHANGES AND RETURN FOR UPDATES.

**FISCAL YEAR (FY) 2016 ANNUAL REPORT:  
PROGRAMMATIC AGREEMENT AMONG U.S. ARMY GARRISON FORT CARSON, COLORADO STATE  
HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION  
REGARDING MILITARY TRAINING AND OPERATIONAL SUPPORT ACTIVITIES DOWN RANGE FORT  
CARSON, COLORADO**

**NOVEMBER 15, 2016**

The U.S. Army Garrison (USAG) Fort Carson submits the following annual report to the State Historic Preservation Officer (SHPO) and concurring parties in accordance with Stipulation V of the *Programmatic Agreement among U.S. Army Garrison Fort Carson, Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Military Training and Operational Support Activities Down Range Fort Carson, Colorado*, hereafter referred to as the Fort Carson Downrange PA. This report covers the period from October 1, 2015, through September 30, 2016, and includes information as outlined in Stipulation V.A. It has been distributed electronically to the SHPO and concurring parties and is available online at: <http://www.carson.army.mil/DPW/nepa.html>.

### **I. Exempted Undertakings**

Table 1 of Enclosure 1 lists all exempted undertakings that have been reviewed by the Fort Carson Cultural Resources Management Program (CRMP) between October 1, 2015, and September 30, 2016. Eighty-one undertakings were reviewed that were considered exempted in accordance with Appendix 1 of the Fort Carson Downrange PA.

### **II. Non-Exempted Undertakings**

Table 2 of Enclosure 1 lists all undertakings within the area of potential effects (APE) covered by the Fort Carson Downrange PA that required consultation in accordance with Section 106 of the National Historic Preservation Act (NHPA). Five undertakings required Section 106 consultation.

Table 3 of Enclosure 1 lists all other non-exempted undertakings that were reviewed by the Fort Carson CRMP. These 10 undertakings include document reviews and undertakings with no potential to effect historic properties.

### **III. Action Updates**

#### **A. Status of Tasks Implemented under Stipulations I, III, IV, and VI**

The Fort Carson Downrange PA Task Tracker (Enclosure 2) provides detailed information regarding the status of the various tasks implemented under Stipulation I, Inventory and Evaluation of Cultural Resources; Stipulation III, Protection of Historic Properties; Stipulation IV, Monitoring; and Stipulation VI, Mitigation.

#### **B. Cultural Resources Awareness Training**

The following cultural resources awareness training materials are provided to Soldiers, civilian employees, contractors, and other users, as appropriate:

- Soldiers' Brief
- Cultural Resources Fact Sheet



- Dos and Don'ts Pocket Card
- Environmental Protection Officer (EPO) – provided monthly to Soldiers who serve as the EPO for their unit
- Fort Carson Environmental Battle Book, 2015, v4
- Cultural Resources Awareness Video

No comments on the cultural resources awareness training materials were received from the SHPO or concurring parties from the FY2015 Annual Report.

The current training materials, except for the Fort Carson Environmental Battle Book and the Cultural Resources Awareness Video, are included in Enclosure 3. The Fort Carson Environmental Battle Book, a quick reference document for guidance on common environmental concerns, including cultural resources, is available online at the Fort Carson website at: [http://www.carson.army.mil/DPW/Documents/ENVIRONMENTAL\\_BATTLE\\_BOOK.pdf](http://www.carson.army.mil/DPW/Documents/ENVIRONMENTAL_BATTLE_BOOK.pdf). The video is available to view online at YouTube: [https://youtu.be/1W6Ow\\_aJA5Y](https://youtu.be/1W6Ow_aJA5Y).

#### C. Inadvertent Entries and/or Impacts to Historic Properties

After action monitoring for the Training Area (TA) 18 Wildland Fire that occurred in March 2016 was conducted in September 2016. Impacts associated with the wildland fire was noted at five sites: 5EP50, 5EP5977, 5EP6003, 5EP6007, and 5EP6016. An inadvertent entry at 5EP6016 was also noted at this time. The SHPO's office was notified via email on November 14, 2016.

#### D. Inadvertent Discoveries

One inadvertent discovery was made during the reporting period within the APE for the Fort Carson Downrange PA. 5PE8153 is an isolated, stone-lined well; it is recommended as ineligible for listing in the National Register of Historic Places (NRHP). The well was discovered by a wildlife biologist, who reported it to the Fort Carson CRMP. The area was immediately surveyed, and the isolated find was documented. No associated artifacts or other cultural features were observed.

#### E. Emergency Response per 36 CFR 800.12

Per 36 CFR 800.12(d), fire suppression activities associated with wildland fires that occurred at Fort Carson during reporting period are considered immediate rescue and salvage operations conducted to preserve life or property, and as such, are exempt from the provisions of Section 106. After action monitoring for the Sullivan Park Wildland Fire that occurred in February 2016 was conducted by archaeologists from Stell Environmental (contractor) on April 18, 2016. No historic properties were impacted by the wildland fire or associated fire suppression activities. After action monitoring for the TA 17 Wildland Fire that occurred in March 2016 was conducted by Stell archaeologists (contractor) on September 6-14, 2016. As discussed in Section C of the annual report, the fire burned through five sites. The after action report was submitted to the SHPO via email on November 14, 2016.

#### F. Amendment

Due to lessons learned since the implementation of the Fort Carson Downrange PA, the site protection measures and monitoring frequencies need to be standardized with the PCMS PA,

which may lead to an amendment proposal that will be submitted to all signatories in accordance with Stipulation VII.C.

Per Stipulation III.C, a proposed amendment to Appendix 2 is provided in Enclosure 4.

G. Dispute Resolution

There have been no dispute resolution activities during the reporting period.

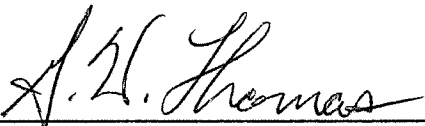
H. Other

During the reporting period, the Colorado Council of Professional Archaeologists (CCPA) and the USAG Fort Carson have continued discussions regarding concerns the CCPA have expressed regarding the 22 sites proposed for adverse effects and the areas that are exempted from survey as described in the Fort Carson Downrange PA. All correspondence is included in Enclosure 5.

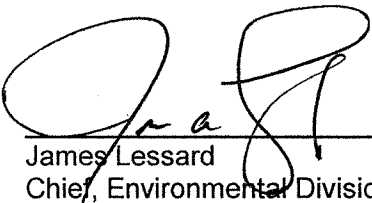
Report compiled by:

Jennifer R. Kolise  
Acting Cultural Resources Manager

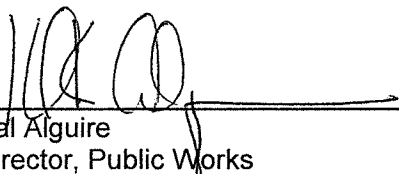
Approved by:

  
\_\_\_\_\_  
Wayne Thomas  
Chief, NEPA and Cultural Management Branch

14 Nov 2016  
Date

  
\_\_\_\_\_  
James Lessard  
Chief, Environmental Division

14 Nov 2016  
Date

  
\_\_\_\_\_  
Hal Alguire  
Director, Public Works

15 Nov 2016  
Date

**ENCLOSURE 1:**  
**ALL UNDERTAKINGS REVIEWED BY THE FORT CARSON CRMP DURING THE FY15 REPORTING PERIOD (OCTOBER 1, 2015, THROUGH SEPTEMBER 30, 2016) UNDER THE FORT CARSON DOWNRANGE PA**

**Table 1. Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-001, 2016-114, 2016-244, 2016-361, & 2016-494 Update Environmental Training Advisory Record for Environmental Consideration (REC) for Trainers	DPT16QTR1 DPT16QTR2 DPT16QTR3 DPT16QTR4 DPT17QTR1	Downrange Fort Carson & PCMS-wide	FC A FC B FC C PC B1 PC B2 PC B3 PC C1 PC C2 PC D1 PC D2	10/01/2015 01/04/2016 03/31/2016 07/22/2016 09/28/2016	Updated GIS layers of cultural restrictions for Fort Carson and PCMS are provided to DPTMS for planning purposes
2016-013 Berm Construction between Ranges 111 and 115B	n/a	Downrange Fort Carson	FC D1a	10/13/2015	Undertaking has been previously reviewed under NEPA project number 2012-352; Section 106 was completed in June 2012 (CHS #62187)
2016-016, 2016-247, 2016-285, & 2016-421 Repair Multiple Bridges Post-wide	DPW14-107 DPW15-046	Post-wide	BE I.A2 BE I.A3 BE I.B2 FC D1b	10/19/2015 04/01/2016 04/20/2016 08/08/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-176, 2015-435, & 2015-527; Section 106 consultation was completed in April 2015 (CHS #67601)
2016-018 Colorado Air National Guard – Construct Range Control Facility & Fitness Center	PN 73681	Downrange Fort Carson	FC D1a	10/20/2015	
2016-025 Install Cameras and Fiberglass Rods for Snow and Water Study	DPW16-008	Downrange Fort Carson	FC D2a	11/09/2015	
2016-031 Repair Ceiling, Bldg 12019, Camp Red Devil	DPT16-003	Downrange Fort Carson	FC D1b	10/27/2015	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-047 & 2016-048 Convert Camp Red Devil Electric Feed to Fort Carson Electric System	DPW12-152	Downrange Fort Carson	FC D1a FC D1b FC D1d	11/3/2015	Undertaking has been previously reviewed under NEPA project numbers 2012-532 & 2015-338
2016-082 Install Security Fence at Turkey Creek Recreation Water Tank – 10051	DPW14-150	Downrange Fort Carson	FC D1b	11/24/2015	Undertaking has been previously reviewed under NEPA project numbers 2015-003, 2015-317, & 2015-374
2016-084 Install Wildlife Water Guzzlers	DPW16-016	Downrange Fort Carson	FC D2a	11/25/2015	
2016-085 Ditch Maintenance along Route 1, South of Range 115	SO 704117	Downrange Fort Carson	FC D2a	11/25/2015	
2016-086, 2016-119, 2016-121 Sanitary Infrastructure Improvements – Fort Carson	DPW14-095	Main Post & Downrange Fort Carson	BE I.A2 FC D1a FC D1b	11/30/2015 01/04/2016 01/05/2016	Undertaking has been previously reviewed under NEPA project numbers 2015-300 & 2015-368
2016-098 Replace Range Control Towers, 133A, 137A, & 151A	DPT14-027 DPT14-028 DPT14-029	Downrange Fort Carson	FC D1a FC D1d	12/15/2015	Undertaking has been previously reviewed under NEPA project number 2014-417
2016-123 2016 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	BE I.B3 BE I.D1c FC D2b PC A3b PC B4b2 PC C3b2 PC D3b2	01/06/2016	Section 106 consultation completed for portions of project area located at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; see Table 2 for more details
2016-180 Construct New Temporary Road in TA 17	SO 723679	Downrange Fort Carson	FC D1b	02/24/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-201 Repair Dams Post-wide	DPW16-015	Haymes Reservoir, Townsend Reservoir, & Downrange Fort Carson	FC D1b FC D2a	03/07/2016	Section 106 consultation is ongoing for portions of project area located at Haymes Reservoir and Townsend Reservoir; 5EP6633 recorded as part of this undertaking; received concurrence with determination of eligibility (not eligible) on 05/03/2016, but SHPO requested more information prior to concurring with determination of effect
2016-257 Replace Flank Tower with New Enclosed Tower, Range 123	RES16-002	Downrange Fort Carson	FC D1d	04/05/2016	
2016-273 Re-route Route 7 to Avoid Depleted Uranium Site	DPT16-010	Downrange Fort Carson	FC D1a	04/08/2016	
2016-275 Widen MSR-11 in Booth Canyon	SO 735469	Downrange Fort Carson	FC D1b	04/12/2016	
2016-278 Dust Suppression on Fort Carson and Piñon Canyon Maneuver Site	DPW16-041 PCM16-019	Main Post, Downrange Fort Carson, PCMS Cantonment, & PCMS Numbered TAs	BE I.A2 FC D1b FC D2b PC A2b PC B4a2	04/26/2016	
2016-280 & 2016-291 Ditch Maintenance within 3M Ditch along Route 4	SO 736648 DPW16-043	Main Post & Downrange Fort Carson	BE I.B2 FC D2a	04/13/2016	5EP7658, Merriam's Rock Creek Ditch, was documented; site documentation was submitted as part of the Section 106 consultation undertaking review packet for NEPA number 2016-123; SHPO concurred with determination of eligibility via correspondence dated 07/14/2016 (HC #70568); therefore, project now qualifies as exempted undertaking

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-289 Install Flood Gauges – Fort Carson and PCMS	DPT16-015	Downrange Fort Carson, PCMS Numbered TAs, & PCMS Lettered TAs	FC D2a PC B3b1 PC C3b1	04/25/2016	
2016-290 Remove Towers, Fort Carson and PCMS	DPT16-016	Downrange Fort Carson, PCMS Numbered TAs, & PCMS Hogback	FC D1d PC B4a4 PC D3a2	04/25/2016	
2016-314 & 2016-432 Construct/Repair Erosion/Stormwater Drains Post-wide	DPW16-048	Main Post & Downrange Fort Carson	BE I.B2 FC D2a	05/17/2016 08/18/2016	
2016-328 United Alliance Rocket Launch Event, Camp Red Devil	n/a	Downrange Fort Carson	FC A	06/08/2016	Fort Carson CRM coordinated with SHPO via email correspondence on the launch event.
2016-349 3 <sup>rd</sup> Armored Brigade Combat Team (3ABCT) "Iron Strike" Training Exercise, July 5-23	n/a	Downrange Fort Carson	FC A FC B FC C	06/24/2016	Information on protected sites within APE was provided to the 3ABCT.
2016-368 & 2016-454 FY17 Prescribed Fire Plan, Fort Carson and PCMS	n/a	Main Post, Bird Farm Recreation Area, Turkey Creek Complex, Downrange Fort Carson, & PCMS Numbered TAs	BE I.B3 FC D2b PC B4b2	07/08/2016 09/01/2016	Portions of the undertaking have been previously reviewed under NEPA project numbers 2014-586 & 2015-469; prescribed burns within the Bird Farm Recreation Area and Turkey Creek Complex are not considered an exempted undertaking under the Fort Carson Built Environment PA; these areas are not included in the APEs for the Fort Carson Downrange PA. Section 106 consultation for these areas was completed in November 2015 (CHS #69200); see Table 2 for more details
2016-392 Construct Austere Unmanned Aerial Systems (UAS) Landing Strip in TA17	4ID16-019	Downrange Fort Carson	FC B	07/25/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-397 299 <sup>th</sup> Brigade Engineer Battalion (BEB) Dig Request for TA 43	1BD16-012	Downrange Fort Carson	FC C	07/25/2016	
2016-423 Install a Stormwater Collection Unit at Range 121	DPW16-066	Downrange Fort Carson	FC D2a	08/10/2016	
2016-456 Integrated Training Area Management (ITAM) Projects at PCMS and Fort Carson	DPT16-025	Downrange Fort Carson & PCMS Numbered TAs	FC D2a PC B4b1	09/02/2016	
2016-457 Integrated Training Area Management (ITAM) Projects, Fort Carson.	DPT16-026	Downrange Fort Carson	FC D2a	09/02/2016	
2016-458 Integrated Training Area Management (ITAM) Projects, Fort Carson	DPT16-027	Downrange Fort Carson	FC D2a	09/02/2016	
2016-459 Integrated Training Area Management (ITAM) Projects at Fort Carson and PCMS	DPT16-028	Downrange Fort Carson & PCMS Numbered TAs	FC D2a PC B4b1	09/02/2016	
2016-491 Apply Dust Suppressant at Fort Carson	DPW17-009	Main Post & Downrange Fort Carson	BE I.A2 FC D1b FC D2b	09/12/2016	
CF2016-002 1-41 Infantry (INF) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	11/04/2015	
CF2016-008 299th Brigade Engineer Battalion (BEB) Dig Request for TA 50	n/a	Downrange Fort Carson	FC C	01/08/2016	
CF2016-009 299th Brigade Engineer Battalion (BEB) Dig Request for TA 42	n/a	Downrange Fort Carson	FC C	01/08/2016	
CF2016-011 1-8 Infantry (INF) Dig Request for TA 30	n/a	Downrange Fort Carson	FC C	02/22/2016	
CF2016-012 64th Brigade Support Battalion (BSB) Dig Request for TA 56	n/a	Downrange Fort Carson	FC C	02/23/2016	
CF2016-013 64th Brigade Support Battalion (BSB) Dig Request for TA 54	n/a	Downrange Fort Carson	FC C	03/03/2016	
CF2016-014 59th Quartermaster Company (QM CO) Dig Request for TA 14	n/a	Downrange Fort Carson	FC C	03/03/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
CF2016-015 59th Quartermaster Company (QM CO) Dig Request for TA 11	n/a	Downrange Fort Carson	FC C	03/03/2016	
CF2016-016 64th Brigade Support Battalion (BSB) Dig Request for TA 55	n/a	Downrange Fort Carson	FC C	03/03/2016	
CF2016-017 588th Brigade Engineer Battalion (BEB) Dig Request for TA 28	n/a	Downrange Fort Carson	FC C	03/07/2016	
CF2016-018 I-8 Infantry (INF) Dig Request for Range 127	n/a	Downrange Fort Carson	FC C	03/08/2016	
CF2016-019 53rd Signal Battalion Dig Request for TA 7	n/a	Downrange Fort Carson	FC C	03/21/2016	
CF2016-020 4-10 Cavalry (CAV) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	03/21/2016	
CF2016-021 588th Brigade Engineer Battalion (BEB) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	03/21/2016	
CF2016-022 1-8 Infantry (INF) Dig Request for TAs 42, 55, & 56	n/a	Downrange Fort Carson	FC C	03/29/2016	
CF2016-024 71st Ordnance Group Dig Request for TA 17	n/a	Downrange Fort Carson	FC C	03/30/2016	
CF2016-025 59th Quartermaster Company (QM CO) Dig Request for TA 13	n/a	Downrange Fort Carson	FC C	03/30/2016	
CF2016-027 1-8 Infantry (INF) Dig Request for Range 127A	n/a	Downrange Fort Carson	FC C	04/13/2016	
CF2016-029 1-68 Armor Regiment (AR) Dig Request for TAs 20 & 24	n/a	Downrange Fort Carson	FC C	04/13/2016	
CF2016-030 1-66 Armor Regiment (AR) Dig Request for TAs 30 & 41	n/a	Downrange Fort Carson	FC C	04/13/2016	
CF2016-031 299th Brigade Engineer Battalion (BEB) Dig Request for TA 28	n/a	Downrange Fort Carson	FC C	06/06/2016	
CF2016-032 247th Composite Supply Company (CSC) Dig Request for TA 12	n/a	Downrange Fort Carson	FC C	04/21/2016	
CF2016-034 1-66 Armor Regiment (AR) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	05/03/2016	
CF2016-035 64th Brigade Support Battalion (BSB) Dig Request for TAs 16 & 17	n/a	Downrange Fort Carson	FC C	05/03/2016	



USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
CF2016-036 1-8 Infantry (INF) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	05/05/2016	
CF2016-037 1-68 Armor Regiment (AR) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	05/26/2016	
CF2016-038 576th Clearance Company Dig Request for TA 31	n/a	Downrange Fort Carson	FC C	06/06/2016	
CF2016-039 1-8 Infantry (INF) Request for TAs 42 & 56	n/a	Downrange Fort Carson	FC C	06/14/2016	
CF2016-040 576th Clearance Company Dig Request for TA 31	n/a	Downrange Fort Carson	FC C	06/06/2016	
CF2016-041 588th Brigade Engineer Battalion (BEB) Dig Request for TA 54	n/a	Downrange Fort Carson	FC C	06/21/2016	
CF2016-042 588th Brigade Engineer Battalion (BEB) Dig Request for TAs 30 & 40	n/a	Downrange Fort Carson	FC C	06/27/2016	
CF2016-044 1-66 Armor Regiment (AR) Dig Request for TAs 20, 24, 25, 31, & 32	n/a	Downrange Fort Carson	FC C	06/27/2016	
CF2016-045 1-68 Armor Regiment (AR) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	06/28/2016	
CF2016-046 588th Brigade Engineer Battalion (BEB) Dig Request for Range 155	n/a	Downrange Fort Carson	FC C	06/28/2016	
CF2016-047 299th Brigade Engineer Battalion (BEB) Dig Request for TA 43	n/a	Downrange Fort Carson	FC C	07/27/2016	
CF2016-049 299th Brigade Engineer Battalion (BEB) Dig Request for TA 50	n/a	Downrange Fort Carson	FC C	08/09/2016	
CF2016-050 4th Brigade Support Battalion (BSB) Dig Request for TA 17	n/a	Downrange Fort Carson	FC C	08/08/2016	
CF2016-051 576th Clearance Company Dig Request for TA 31	n/a	Downrange Fort Carson	FC C	08/16/2016	
CF2016-052 2-23 Infantry (INF) Dig Request for TA 17	n/a	Downrange Fort Carson	FC C	08/18/2016	
CF2016-053 2-12 Field Artillery (FA) Dig Request for TAs 11 & 14	n/a	Downrange Fort Carson	FC C	09/07/2016	
CF2016-054 59th Quartermaster Company (QM CO) Dig Request for TA 14	n/a	Downrange Fort Carson	FC C	09/07/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
CF2016-055 576th Clearance Company Dig Request for TAs 41, 42, & 43	n/a	Downrange Fort Carson	FC C	09/07/2016	
CF2016-059 2-23 Infantry (INF) Dig Request in TA 20	n/a	Downrange Fort Carson	FC C	09/13/2016	
CF2016-060 569th Engineer Company (EN CO) for Range 165	n/a	Downrange Fort Carson	FC C	09/14/2016	
CF2016-061 4th Engineer Battalion (EN BN) Dig Request for TAs 43 & 55	n/a	Downrange Fort Carson	FC C	09/21/2016	
CF2016-062 299th Brigade Engineer Battalion (BEB) Dig Request for TA 30	n/a	Downrange Fort Carson	FC C	09/26/2016	
CF2016-063 569th Engineer Company (EN CO) Dig Request for TA 39	n/a	Downrange Fort Carson	FC C	09/28/2016	

**Table 2. Non-Exempted Undertakings Requiring Section 106 Consultation**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date Reviewed	SHPO Number & Date Concurred	Remarks
2015-248 and 2015-410 Construction and Operation of Infantry Platoon Battle Course (IPBC) at Range 127 and Expansion of Range 153 for Infantry Squad Battle Course (ISBC); also 2016-276 35% Design Review for Automated Infantry Platoon Battle Course (IPBC) at Range 127	PN 72176	Downrange Fort Carson	05/22/2015 08/06/2015 04/12/2016	CHS #68021 04/30/2015 (Range 127)  CHS #68295 10/09/2015 (Range 153)	Undertaking had been previously reviewed under NEPA project numbers 2014-115 and 2014-355; for Range 127 – no adverse effect to historic properties; for Range 153 – no historic properties affected
2015-469 Implement Prescribed Burns FCCO and PCMS FY16; also 2016-368 & 2016-454 FY17 Prescribed Fire Plan, Fort Carson and PCMS	DIR15-031	Main Post, Turkey Creek Complex, Bird Farm Recreation Area, Downrange Fort Carson, PCMS Numbered TAs, & PCMS Lettered TAs	07/23/2015 07/08/2016 09/01/2016	CHS #69200 11/04/2015	Portions of the undertaking has been previously reviewed under NEPA project number 2014-586; prescribed burns within the Turkey Creek Complex and Bird Farm Recreation Area are not considered an exempted undertaking under the Fort Carson Built Environment PA; these areas are not included in the APEs for the Fort Carson Downrange PA; no adverse effects to historic properties.
2016-123 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	01/06/2016	HC #70568 07/14/2016	Section 106 consultation completed for portions of project area located at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; 5EP7658 (Merriam's Rock Creek Ditch, or 3M Ditch) site documentation submitted with consultation packet, received concurrence that site is ineligible; no adverse effects to historic properties (as long as no chemical treatment occurs within Overhang 1 at site 5PE326)
2016-206 Construction and Operation of an Unmanned Aerial Systems (UAS) Training Complex at TA 17 North	PN 75893	Downrange Fort Carson	02/24/2016	HC #70297 06/21/2016	No adverse effects to historic properties

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date Reviewed	SHPO Number & Date Concurred	Remarks
CF2016-007 Data Recovery at Sites 5EP6618 & 5EP6619	n/a	Downrange Fort Carson	11/18/2015	HC #69300 12/01/2015	Adverse effects to historic properties; ACHP has been notified and has decided not to participate via correspondence dated 03/15/2016; data recovery plan and memorandum of agreement currently under review

**Table 3. Other Non-Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date(s) Reviewed	Remarks
2016-002 FY16 Survey for and Abatement of Asbestos-Containing Materials & Lead-Based Paint at Fort Carson and PCMS	n/a	Post-wide	10/01/2015	Document review
2016-069 Pollution Prevention (P2) Plan Review	n/a	n/a	11/16/2015	Document review
2016-113 & 2016-187 Teller Dam Project	n/a	Downrange Fort Carson	12/22/2015 03/09/2016	Project is in the preliminary planning stages. Review was completed on the Initial Scope of Work Planning Package (ISOWPP). Once the scope of work has been developed, then the Fort Carson CRM can determine if Section 106 will be required.
2016-350 Review Environmental Battle Book	n/a	n/a	06/24/2016	Document review
2016-354 Review Programmatic Environmental Assessment (EA) for the Construction and Operation of Land-Based Solar Photovoltaic Renewable Energy Projects on Army Installations	n/a	n/a	06/20/2016	Document review; specific projects will be reviewed under Section 106 as they are proposed.
2016-388 HazWaste Contingency Plan Review	N/A	n/a	07/21/2016	Document review
2016-401 Review the HazWaste Management Plan 2016	N/A	n/a	42577	Document review
2016-438 Test and Evaluate Joint Chemical Agent Detector (JCAD) Integration into Strykers, Fort Carson	N/A	n/a	08/19/2016	No potential to effect historic properties
2016-448 Environmental Requirements Package Review for Post-wide Recycle and Refuse Service	N/A	n/a	08/30/2016	Document review
2016-488 FY17 Survey for and Abatement of Asbestos Containing Materials & Lead Based Paint at Fort Carson and PCMS	NA	Post-wide	09/22/2016	Document review

**ENCLOSURE 2:  
FORT CARSON DOWNRANGE PA TASK TRACKER  
(CURRENT AS OF SEPTEMBER 30, 2016)**

Stipulation	Action	Duration	Date Required	Remarks
I.A.1	GIS shapefiles and master index provided to SHPO	60 days after signing	05/29/2014	Completed 05/30/2014
I.A.1	Cultural resources documentation submitted to SHPO	60 days after signing	05/29/2014	Completed 11/26/2013 (111 sites) & 05/14/2014 (8 sites)
I.A.2	SHPO notifies USAG that information baseline has been created and requests any missing information	1 year after completion of I.A.1	05/30/2015	Completed 10/06/2014 per email from SHPO
I.A.3	USAG and SHPO consult to address any data discrepancies	180 days after completion of I.A.2	04/06/2015	Completed 03/16/2016 (HC #63877); consult as needed on any data discrepancies that may arise
I.A.3	Implement agreeable terms to reconcile discrepancies	3 years after completion of I.A.3 task above	TBD	Discrepancies have been agreeably reconciled per correspondence dated 03/16/2016 (HC #63877)
I.B	Complete survey of 3,438 acres	3 years after signing	03/30/2017	Contract was awarded in September 2014; as of 09/30/2016, all fieldwork has been completed; a total of 118 sites and 68 isolated finds have been recorded; site documentation and draft report are in process
I.B	Submit complete survey report	60 days after completion of survey	TBD	Anticipate final documents to be submitted to SHPO in December 2016
I.B.1	SHPO concurrence with NRHP eligibility determinations from survey report	60 days after submission of survey report	TBD	
I.C	Complete documentation on needs data sites or implement a protection measure	3 years after signing	03/30/2017	<p>FY15: Final report and site documentation for 12 sites submitted to the SHPO in February 2016.</p> <p>FY16: Contract awarded in August 2015 for the re-evaluation of 16 sites; as of 09/30/2016, fieldwork has been completed at 11 sites.</p> <p>There are 31 remaining to be protected or evaluated as funding becomes available.</p>
I.C.1	SHPO concurrence with NRHP eligibility determinations from re-evaluations	60 days after submission	<p>FY15: 04/24/2016</p> <p>FY16: TBD</p>	FY15: Received SHPO concurrence via correspondence dated 03/17/2016 & 03/24/2016 (HC #69881) on determinations of eligibility

Stipulation	Action	Duration	Date Required	Remarks
I.D	Continue consultation with Tribes concerning site protection, monitoring frequencies, and TCPs and sacred sites identification	Ongoing action	n/a	Consultation meeting was held January 26-27, 2016, at PCMS. In attendance were representatives from the Jicarilla Apache Nation, Southern Ute Tribe, Ute Indian Tribe, and Northern Cheyenne Nation.
III.B	Implement site protection measures	3 years after signing	03/30/2017	70 of 192 sites marked; corners of all eligible sites have been marked for future marking
III.C	Propose amended site protection measures and monitoring frequencies	As needed	n/a	In development  Due to lessons learned since the implementation of the Fort Carson Downrange PA, need to redefine site protection measures and monitoring frequencies.
III.E	Provide training vehicles/aircraft with means of knowing site locations	3 years after signing	03/30/2017	Working with the U.S. Army Geospatial Center to produce an updated digital map; anticipate completion date of December 2016.
IV.A	Monitor protected cultural properties	Ongoing action	n/a	FY15: Baseline monitoring completed at 150 sites  FY16: Contract awarded in August 2015 for baseline monitoring at 24 sites and subsequent monitoring at 26 sites; as of 09/30/2016, baseline monitoring completed at 13 sites and subsequent monitoring completed at 1 site  FY17: Contract awarded in August 2016 for subsequent monitoring at 25 sites; as of 09/30/2016, fieldwork has not been initiated.
VI.A	Implement cultural awareness training of all personnel involved in the execution of undertakings	Annually	n/a	Cultural resources awareness training is part of the annual mandatory training for Soldiers, Civilians, and contractors.
VI.B	Offsetting mitigation: Native American Ethnographic Oral History Project	Initiate within 3 years of signing	03/30/2017	Based on comments from January 2016 consultation, project should focus on updating the ethnographic study that was completed in 2008. Tribes have been notified, but none have committed to participate.
VI.B	Offsetting mitigation: Archaeological Context Project	Initiate within 3 years of signing	03/30/2017	Contract was awarded in August 2016 for the first phase of the project. Final deliverables are due in August 2018.

Stipulation	Action	Duration	Date Required	Remarks
VI.B	Offsetting mitigation: Santa Fe Trail Community Outreach Project	Initiate within 3 years of signing	03/30/2017	Ideas have been submitted to the advisory committee for consideration. Kevin Lindahl, Bent's Old Fort Chapter of the Santa Fe Trail Association, is drafting a formal proposal for the committee's review.
VI.B.2	Organize an advisory committee		03/30/2016	Advisory committees have been formed: one committee, comprised of Tribal representatives, for the Native American ethnographic project; and one committee for the archaeological context and Santa Fe Trail projects.  Planning next advisory committee meeting for early December 2016.
VII.G	Implement terms through policies and ICRMP	Ongoing action	n/a	The draft ICRMP was staffed to the SHPO, Tribes, and consulting parties for review in September 2016; review period ended 10/21/2016; currently addressing received comments.



**ENCLOSURE 3:**  
**CULTURAL RESOURCES AWARENESS TRAINING MATERIALS**

## **SOLDIERS' BRIEF**

## Cultural Resources Awareness Training for Soldiers



### Fort Carson Cultural Resources Management Program

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## Cultural Resources Management Program's Objectives

**Conserve and protect natural and cultural resources consistent with the military mission for present and future generations.**

- Maximize Army training opportunities through compliance with federal and state laws and regulations.
- Protect the significant heritage assets of all cultures who have occupied the areas of Fort Carson and the Pinon Canyon Maneuver Site (PCMS).
- Institute sustainable management practices regarding identification, evaluation, treatment, and protection of significant cultural resources.



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Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Resources can be thousands of years old, hundreds of years old, or from the more recent past

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## Examples Include...



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## Fort Carson's Cultural Resources



- Fort Carson:**
- 2201 Cultural Resources
  - 645 Prehistoric Archaeological Sites
  - 194 Historic Archaeological Sites
  - 73 Multi-component Archaeological Sites
  - 1007 Isolated Finds
  - 282 Buildings
  - 2 Historic Architectural Districts
  - 1 Rock Art District
  - 1 (Potential) TCP
  - 1 Sacred Site

- PCMS:**
- 6039 Cultural Resources
  - 2991 Prehistoric Archaeological Sites
  - 563 Historic Archaeological Sites
  - 621 Multi-component Archaeological Sites
  - 126 Unknown Affiliation Sites
  - 1738 Isolated Finds
  - 12 Historic Homestead Complexes
  - 3 TCPs
  - 5 Sacred Sites

Complex and Simple Habitation Sites  
Temporary Field Camps  
Stone Artifact Scatters/Quarry Locations  
Food Procurement/Processing Sites  
Rock Art Panels (Prehistoric & Historic)  
Historic Ranches/Farmsteads  
Military Construction (1942-Present)  
Stage Station/Mail Route Remnants  
Small Mining Operations

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## Why is it Important to Protect Cultural Resources?

- They provide information regarding **our** heritage, **our** practices, and **our** beliefs.
  - Contributes to **our** sense of place and identity
- These areas may have profound religious and spiritual significance to Native American tribes and other ethnic groups.
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices.
- As a non-renewable resource – once destroyed, it can never be restored.
  - This is why it is important to document cultural resources before they are irrevocably lost!
- It is **our duty**, as the manager of publicly-owned land, to be good stewards – ensuring compliance with all environmental and cultural laws and regulations.

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## How Can You Help Protect and Preserve Cultural Resources?

**DO:**

- **Coordinate** land use with Range Operations to ensure you are in an approved area.
- **Obey** maneuver damage, environmental and cultural resources protection policies and procedures.
- **Observe** posted signs, fencing, and Seibert marking indicating restricted areas that may be off-limits to vehicles, digging, bivouacking or other activities.
- **Report** any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).
- **Stay vigilant!**

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## How Can You Help Protect and Preserve Cultural Resources?

### DON'T:

- Collect any artifacts, including arrowheads and bottles.
- Disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- Lean against, sit on, or step on rock mounds, rock walls, ruins or other cultural features.
- Touch or deface rock art.
- Trespass in historic structures.

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If you find artifacts, bones, or other cultural items...

## STOP WORK IMMEDIATELY

- Flag a protective buffer around the location of the discovery.
- Report the discovery to:
  - Fort Carson Range Operations (719-526-5698) or PCMS Range Operations (719-503-6130); and/or
  - Fort Carson CRM (719-526-4484) or PCMS Archaeologist (719-503-6136)
- You will be notified when you can proceed.

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## What is the Harm in Taking a Souvenir?

If every person who visited the Vietnam Memorial decided to take one name off as a souvenir, eventually there would be nothing left.

The same is true with archaeological sites. If everyone who visited a site took an arrowhead or bottle, eventually there would be nothing left that would give us information about the people who lived there. **OUR HERITAGE WOULD BE LOST!**

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## What's Wrong with this Picture?



Seriously...where's the harm in leaving your legacy somewhere?

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## Another Reason for Protecting Cultural Resources...

# BECAUSE IT'S THE LAW!

- National Historic Preservation Act
- Archaeological Resources Protection Act
- Native American Graves Protection and Repatriation Act
- American Antiquities Act of 1906
- American Indian Religious Freedom Act
- And more...

And some of these laws, such as the Archaeological Resources Protection Act, carry criminal and civil penalties.

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## Archaeological Resources Protection Act

- Knowingly damaging an archaeological resource is a violation of the Archaeological Resources Protection Act (ARPA)
- ARPA carries up to \$100,000 fine AND 1 year in jail for 1<sup>st</sup> offense

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## Where Can You Learn More?

### Integrated Cultural Resources Management Plan (ICRMP)

- The ICRMP is a Fort Carson-specific tool for the management of cultural resources
  - Outlines program obligations, goals, priorities, and Standard Operating Procedures (SOPs)
- Contains information pertinent to your job
  - SOP for Mission Training of Military and Tenant Personnel
  - SOP for Inadvertent Discovery of Cultural Materials
- Where can it be found?
  - [www.carson.army.mil/DPW/NEPA.html](http://www.carson.army.mil/DPW/NEPA.html)

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## POCs

Pam Miller	Jen Kolise
Cultural Resources Manager	PCMS Archaeologist
719-526-4484	719-503-6136
<a href="mailto:pamela.k.miller26.civ@mail.mil">pamela.k.miller26.civ@mail.mil</a>	<a href="mailto:jennifer.r.kolise.civ@mail.mil">jennifer.r.kolise.civ@mail.mil</a>

## THANK YOU FOR YOUR SUPPORT IN PRESERVING OUR CULTURAL HERITAGE!

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## **CULTURAL RESOURCES FACT SHEET**



## PRESERVATION

How can you help protect and preserve cultural resources?

- Coordinate land use with Range Operations to ensure that you are in an approved area
- Obey maneuver damage, environmental and cultural resources protection policies and procedures
- Observe posted signs, fencing, and Seibert marking that indicate restricted areas, which may be off-limits to vehicles, digging, bivouacking, or other activities
- Do not collect artifacts, including arrowheads and bottles
- Do not disturb stone circles, rock mounds, ruins or other cultural features
- Do not touch or deface rock art
- Do not trespass in historic structures
- Report any signs or looting, graffiti, or other damage to a cultural site
- No graffiti anywhere, anytime



*Graffiti, as seen in the photograph above, can irreparably harm the integrity of a site. There is no way to remove the graffiti without doing further damage to the site.*

## PROTOCOL

What is the proper protocol to follow if buried artifacts, bones, or other cultural items are found during training, construction, or ground disturbing activities?

### **STOP WORK IMMEDIATELY**

- Flag a protective buffer around the location of the discovery
- Report the discovery to either:
  - Fort Carson/PCMS range Operations staff
  - Fort Carson Cultural Resources Manager/PCMS Archaeologist



## CONTACT

Fort Carson Cultural  
Resources Manager ..... 719-526-4484

Fort Carson  
Range Operations ..... 719-526-5898

PCMS  
Archaeologist ..... 719-503-6136

PCMS  
Range Operations ..... 719-503-6130

**Thank You for Your Support in Preserving Our  
Cultural Heritage!**

## CULTURAL RESOURCES FACT SHEET:

### **FORT CARSON AND PINON CANYON MANEUVER SITE**



# USAG FORT CARSON CULTURAL RESOURCES FACT SHEET

## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Can be thousands of years old, hundreds of years old or from the more recent past
- Examples include:
  - Rock art and carvings
  - Archaeological sites
  - Historic buildings, structures or objects
  - Historic roads and trails
  - Sacred sites and traditional cultural properties (TCPs)
  - Human burials
  - Artifacts
  - Ruins



## What Types of Cultural Resources are Found on Fort Carson Lands?

Over 2,200 archaeological and historical sites at Fort Carson and over 6,000 archaeological and historical sites at Pinon Canyon Maneuver Site have been recorded and evaluated for the National Register of Historic Places.

### Prehistoric sites:

Petroglyphs and pictographs (i.e. rock art and carvings); stone circles, tipi rings and cairns; open camp sites; stone artifact scatters; rock shelters; quarry pits



### Historic sites:

Trail ruts; rock inscriptions; homestead and ranch complexes; historic dumps and trash scatters; WWII and Cold War-era cantonment buildings



## Why is it Important to Protect Cultural Resources?

- Cultural resources provide information regarding our heritage, our practices, and our beliefs
  - Contributes to our sense of place and identity
- Cultural sites can have profound religious and spiritual significance to Native American tribes and other ethnic groups
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices
- By preserving, protecting and respecting cultural resources, you ensure these resources are available for future generations
  - Non-renewable resource—once destroyed, can never be restored
- It is our duty as the land manager to be good stewards, ensuring compliance with all environmental and cultural laws and regulations

### IT'S THE LAW!

Violation of cultural resources protection law will result in civil and criminal penalties, monetary fines, and possible imprisonment.



**DOS AND DON'TS POCKET CARD**

**Front Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DOs”**

- 1) **DO** coordinate land use with Range Operations ensure that you are in an approved area.
- 2) **DO** obey maneuver damage, environmental and cultural resource protection policies and procedures.
- 3) **DO** observe posted signs, fencing, and Seibert marking, indicating restricted areas that may be off-limits to vehicles, digging, bivouacking, or other activities.
- 4) **DO** report any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).
- 5) If artifacts, bones, or other cultural items are found, **DO** flag a protective buffer around the location and **DO** report the discovery to Range Operations and/or the CRM.

***Thank you for your support in preserving OUR cultural heritage!***

**Back Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DON'Ts”**

- 1) **DON'T** collect artifacts, including arrowheads and bottles.
- 2) **DON'T** disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- 3) **DON'T** lean against, sit or step on rock mounds, rock walls, ruins, or other cultural features.
- 4) **DON'T** touch or deface rock art.
- 5) **DON'T** trespass in historic structures.
- 6) **NO** graffiti anywhere, anytime.

***Call the Cultural Resources Program at 526-4484 or 503-6136 with any questions!***

**ENVIRONMENTAL PROTECTION OFFICER (EPO) COURSE**

**Attachment 2-A**

## CULTURAL RESOURCES MANAGEMENT



EPO Course




## EPO COURSE MODULE OBJECTIVES

Teach U. S. Army soldiers, DA civilians, and contractors how to appropriately deal with cultural resources

Demonstrate how stewardship of cultural resources facilitates the U. S. Army mission in a sustainable manner


EPO Course



## THE OBJECTIVE OF THE CULTURAL RESOURCES MANAGEMENT PROGRAM IS . .

- ...to maximize the training opportunities of the U. S. Army, while ensuring compliance with federal regulations.
- ...to protect Soldiers and civilian employees from litigation and financial loss.
- ...to protect the cultural heritage of all people who have lived in the areas encompassed by Fort Carson and the Pinon Canyon Maneuver Site, now under the Army's stewardship.
- ...to institute historic preservation practices regarding documentation, renovation, and rehabilitation of significant cultural resources.

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## WHAT ARE CULTURAL RESOURCES?

The Fort Carson Cultural Resources Management Program manages two types and three grades of resources on Army land:

**Artifacts:** Small, portable objects (arrowhead, silver dollar)

**Features:** Non-portable objects (building, fire pit, foundation, tipi ring, rock art panel)

**Sites:** More than 4 artifacts; a temporally or functionally diagnostic artifact with one or more additional artifacts or features; any feature or structure


**Isolated Finds:** 4 or fewer artifacts, or only one item that is diagnostic

**Districts:** A group of buildings, properties, or sites that are historically or prehistorically significant. Districts greatly vary in size, some with hundreds of structures and others with just a few.

**Significant/Protected:** A district, site, building, structure, or object of particular value to archaeology/history, that has the potential for inclusion in the National Register of Historic Places (NRHP) is determined to be "eligible" or "needs data" through consultation with the State Historic Preservation Officer (SHPO), Native American Tribes, and other consulting/interested parties.

**Not Significant:** A site, building, structure, or object that is "not eligible" for inclusion in the NRHP, also determined through consultation.

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## WHAT DO WE HAVE?

**Archaeological Sites and Isolated Finds**

- Fort Carson = 2,203
- PCMS = 6,039

**Native American**

- From Clovis (11,500 years old) and Folsom (10,950 years old) periods through recent times (1860s +)

**Euro- and Anglo-American**

- Homesteading, cattle ranching, mining (1840s +)


**Hispanic American (PCMS)**

- Plaza settlements, sheep ranching (1800s +)

**Wagon Trails and Stage Lines**

- Santa Fe Trail and Barlow, Sanderson and Company mail route

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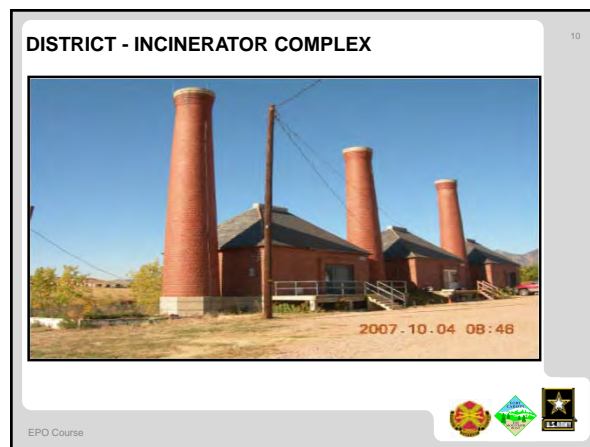
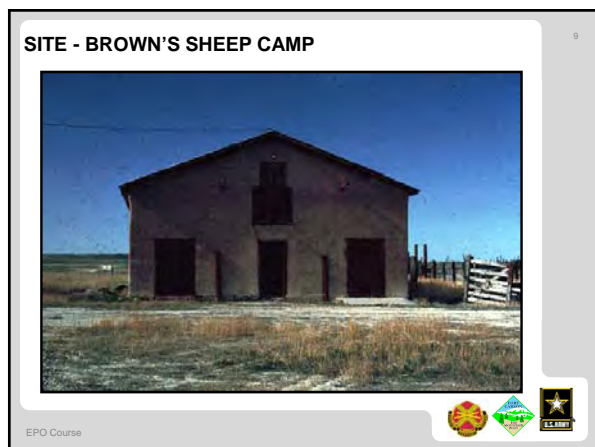


## FEATURE - APISHAPA STRUCTURE



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## SCENARIO 1: FORT SILL TRAINING SERVICES CENTER WAREHOUSE

### Comanche Nation vs U.S. Army



The Comanche Nation was granted a temporary restraining order by a federal judge, claiming it was not officially consulted by Fort Sill concerning the construction of a Training Services Center Warehouse. Medicine Bluff was added to the National Register of Historic Places in 1974.

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## SCENARIO 2: ROCK ART AND GRAFFITI

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Defacing any type of government property is unlawful and constitutes a violation of the Archaeological Resources Protection Act – YOU CAN BE PROSECUTED!

Rock art and other archaeological sites are routinely inspected by law enforcement and Cultural Resources Program staff.

All sites are documented, photographed, and changes noted and reported.

**DO NOT ADD GRAFFITI... THAT IS SCRATCH, PECK, PAINT, OR CHALK ON STONE SURFACES OR HISTORIC BUILDINGS!!!!**



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## STAY AWAY FROM STRUCTURES!

Do not operate vehicles within 100 meters of standing historic structures; helicopter landing restricted within a 150 meters.

Do not damage historic structures by camping in or near them or training in close vicinity.

Do not hover over protected properties.

Do not disturb prehistoric or historic materials on a site.



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## SIGNS, SIGNS, EVERYWHERE ARE SIGNS...



	Off Limits	Limited Use Area	Restricted Area	Siebert Marked
Vehicles allowed	No	Only on roads	Only on roads	No
Training allowed	No	Dismounted only	Dismounted only; prebriefing required	Dismounted only
Digging allowed	No	None	No	No

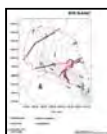
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## WHEN ARCHAEOLOGICAL SITES ARE DAMAGED, WHAT HAPPENS?

Damage is documented and mapped, and when serious enough, the site may require testing or mitigation.

Responsible units or directorates will have to pay for any testing and mitigation from their funds.



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## CULTURAL RESOURCES ARE . . .

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...not renewable – once destroyed, they are gone forever, along with any information they could have revealed.

...being destroyed by natural processes – do not accelerate this phenomenon.

...very diverse culturally (ethnicity, gender, religion) and cover a tremendous time range (at least 11,500 years).

...part of a natural training environment – wherever the Army goes, there will be houses, shelters, corrals, etc.

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## CULTURAL RESOURCES AWARENESS DURING TRAINING

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Treat fenced areas as though they are minefields, NBC hazards, mosques, etc.

Treat historic corrals and fences as you would treat corrals and fences of friendly forces in the theater of operations.

Respect houses as you would respect those of our allies – do not steal from them!

DO NOT mark, carve, peck, move, or otherwise impact natural or cultural resources, rock art, etc.!!!!

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## NOT JUST MANAGEMENT - IT IS ALSO THE LAW!

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### National Historic Preservation Act (NHPA)

- requires all federal agencies to identify and protect cultural resources through Sections 110 and 106.

### Archeological Resources Protection Act (ARPA)

- requires artifacts and collections be housed and maintained by state or federally-permitted authorities only.
- prohibits artifact collection on federal property.

### Native American Graves Protection and Repatriation Act (NAGPRA)

- requires consultation with Native American tribes when human remains or special artifacts are recovered.

### 36 CFR 79, *Curation and Management of Federally-owned and Administered Archaeological Collections*

- Sets standards for curating artifacts and archaeological collections.

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## ...BY LAW, REGULATION, POLICY

### American Indian Religious Freedom Act (AIRFA)

- Protects Native American religious freedom and access to sites with religious significance.

### Executive Order 13007, Indian Sacred Sites

- States the government will (1) accommodate access to and ceremonial use of Indian sacred sites by Indian religious practitioners, and (2) avoid adversely affecting the physical integrity of such sacred sites. Numerous other orders and policies define working within a government-to-government relationship.

### Army Regulation 200-1, *Army Environmental Protection and Enhancement*

- Chapter 6 pertains to the identification, management, and protection of cultural resources.

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## TRAINING AND PROJECT REVIEW PROCESS

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As part of the Army's planning process for projects and training at Fort Carson and the Pinon Canyon Maneuver Site, Cultural Resources Program staff must review the activity in accordance with Section 106 of the National Historic Preservation Act (NHPA), to identify cultural resources that may be affected and work to avoid, minimize, or mitigate for any impacts.

Section 106 consultation is a component of the NEPA review process for projects with a potential to impact significant cultural resources, Section 106 consultation involves the following:

1. Receive work order through NEPA program.
2. Cultural review of project and response to NEPA program.
3. As needed, initiate Section 106 consultation with State Historic Preservation Officer (SHPO), Native American Tribes, and other Fort Carson Stakeholders (30 day review period as dictated by law).
4. Notification of comments and/or concurrence to NEPA and proponent.

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## PALEONTOLOGICAL RESOURCES

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There are ongoing efforts to enact laws mandating similar protection for paleontological resources. Treat them as though they are fully protected – be proactive!!



Mosasaur



Ichthyosaur

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## CONTACT INFORMATION

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Secure the area in order to prevent or minimize damage.

Contact the DPW-ED Cultural Resources Management Program:

- Pam Miller (Program Manager) 719-526-4484
- Mark Owens (Lead Archaeologist) 719-526-3806
- Betty Whiting (Historic Preservationist) 719-526-3796

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**IN CONCLUSION, LET'S WORK TOGETHER!**

*The Fort Carson Cultural Resources Management Program exists to help you, to protect you, to protect the U. S. Army, to preserve and manage our rich cultural resources, and to help prepare our soldiers for any possible mission – this effort requires a group that cooperates.*

*The Program's strategic practices are accomplished by proactively identifying, evaluating, protecting, and mitigating significant cultural resources. In this way, we can preserve the heritage and traditions of those who have affiliations with the lands and cultures that are under Fort Carson's stewardship.*

*Success can only be achieved if we work as a team!!*

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**ENCLOSURE 4:**  
**REVISED PCMS PA APPENDIX 2**  
*(Note: Enclosure 4 has been removed from public versions)*

**ENCLOSURE 5:**  
**COLORADO COUNCIL OF PROFESSIONAL ARCHAEOLOGISTS CORRESPONDENCE**



M. D.  
21 Jul 2015

## COLORADO COUNCIL OF PROFESSIONAL ARCHÆOLOGISTS

Wayne Thomas  
Chief, NEPA and Cultural Management Branch  
DPW-Environmental  
1626 Evans Street, Building 1219  
Fort Carson, CO 80913-4143

Dear Mr. Thomas,

I am writing in response to your email requesting comment on the Fort Carson Programmatic Agreement (PA) and the proposed Performance Work Statement (PWS) for the archaeological "data gaps" study. We can have a more detailed discussion at the next meeting of the Fort Carson Mitigation Projects Advisory Committee on July 21, 2015.

Two components of the PA merit discussion:

- 1) There are 22 archaeological sites in the APE that are proposed for adverse effects. Of these, 14 are "Officially Eligible" historic and prehistoric properties, while eight sites are listed as "Needs Data". These sites are located in heavily used training areas for wheeled and tracked vehicle maneuvers. As stated in the PA there will be no attempt to mitigate the effects of the ongoing undertaking. We recommend that, at a minimum, these sites be formally reevaluated for significance to see if they still retain sufficient integrity for eligibility. This will ensure that determinations of eligibility and condition assessments are updated in the Colorado Office of Archaeology and Historic Preservation database.
- 2) There are 34,324 acres of lands that will not be inventoried based on two reasons:
  - a) A predictive model identified 14,291 acres as having low and low-medium probability of containing cultural resources.
  - b) The remaining non-inventoried lands (20,033 acres) are in several artillery impact areas that have associated safety buffer zones. These firing ranges have surface danger zones and unexploded ordnance concerns that restrict further archaeological investigations.

While item b) is understandable, item a) is questionable. The authors of the predictive model indicate that it should be used to *prioritize* areas for further survey work, not ignore areas of low and low-medium probability. In fact, virtually *all* current practitioners make the same recommendation, being fully aware of the errors inherent to any given predictive model. Further, the authors developed two predictive models; one for historic



sites and another for prehistoric sites. The two models demonstrated significant differences in site distribution yet the PA does not specify which was used.

In addition, we have the following concerns regarding the PWS.

A sum of \$1,485,000 will be allocated for three distinct projects: 1) a Native American ethnographic oral history project specific to Fort Carson and PCMS lands; 2) archaeological context "gap studies" using Fort Carson and PCMS resources; and 3) project(s) that support the Santa Fe Trail community outreach. The Colorado Council of Professional Archaeologists was invited to participate in Projects 2 and 3. The money is to be divided equally among the three projects without discussion of the relative anticipated costs of the tasks involved. This seems rather arbitrary and we would like to see the allocation of funds reconsidered. Project 1) will apparently be done in house. For the "gap studies" Fort Carson prefers to award the contracts to partners already in cooperative agreements with the Army Corps of Engineers that include Colorado State University (CSU), Lincoln University, Missouri State, Missouri State of S&T, University of Kansas, University of Missouri, and University of Nebraska-Lincoln. The contract is to be bid and awarded in a competitive pool of these seven players. We understand the preference for obligating the funds under existing cooperative agreements, however we question whether this is the best solution. Only one Colorado research entity, CSU, is involved. In addition to CSU, Colorado possesses a wealth of expertise in the many available CRM and non-profit cultural research firms in the state that have extensive experience in such investigations. There is plenty of time prior to the end of the fiscal year to competitively bid for the required services using contracting procedures rather than extant cooperative agreements. In fact, the PWS is written in terms of contracting rather than cooperative agreement language (two quite distinct entities under the Federal Acquisition Regulations). We would also like to see the Santa Fe Trail outreach project funded via a competitive contractual process.

We look forward to constructive discussion of these issues at the next meeting and will present a few suggestions to improve the proposed PWS.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael S. Berry", with a long horizontal flourish extending to the right.

Michael S. Berry, President  
Colorado Council of Professional Archaeologists





DEPARTMENT OF THE ARMY  
US ARMY INSTALLATION MANAGEMENT COMMAND  
DIRECTORATE OF PUBLIC WORKS  
1626 EVANS STREET, BLDG 1219  
FORT CARSON, CO 80913-4143

REPLY TO  
ATTENTION OF

October 28, 2015

Office of the Director

Michael Berry, President  
Colorado Council of Professional Archaeologists  
1429 Goeglein Gulch  
Durango, Colorado 81301

Dear Mr. Berry:

Thank you for your comments regarding the *Programmatic Agreement regarding Military Training and Operational Support Activities Down Range Fort Carson, Colorado* (Fort Carson Training PA), and the performance work statement for the archaeological context "data gaps" mitigation project. These comments were addressed at the July 21<sup>st</sup> and September 9<sup>th</sup> meetings of the Fort Carson Mitigation Projects Advisory Committee. Per your request via an email dated October 10, 2015, the following is a written response to your comments.

**Comment #1:** *There are 22 archaeological sites in the APE that are proposed for adverse effects. Of these, 14 are "Officially Eligible" historic and prehistoric properties, while 8 sites are listed as "Needs Data." These sites are located in heavily used training areas for wheeled and tracked vehicle maneuvers. As stated in the PA, there will be no attempt to mitigate the effects of the ongoing undertaking. We recommend that, at a minimum, these sites be formally reevaluated for significance to see if they still retain sufficient integrity for eligibility. This will ensure that determinations of eligibility and condition assessments are updated in the Colorado Office of Archaeology and Historic Preservation database.*

**Response #1:** Many of these sites have been originally recorded or re-evaluated within the last ten years. Since the implementation of the Fort Carson Training PA, we have received concurrence from the Colorado State Historic Preservation Officer (SHPO) on five of the eight needs data sites, one of which is now eligible and four of which are ineligible for inclusion in the National Register of Historic Places (NRHP). The following table details the current NRHP status and year of last recording for 22 sites.

Site #	Site Type / Theme	Current NRHP Status	Year of Last Recording	Remarks
5EP00070	M-S Open Lithic; Homestead	Eligible: Officially	2008 (re-evaluation)	
5EP00074	P-S Open Lithic	Needs Data: Officially	1980 (original recording)	
5EP00158	P-S Open Lithic; Homestead	Eligible: Officially	2014 (re-evaluation)	NRHP status changed since PA implementation
5EP00165	M-S Open Camp; Homestead	Eligible: Officially	2004 (re-evaluation)	
5EP01672	P-S Open Camp	Needs Data: Officially	2009 (re-evaluation)	



Site #	Site Type / Theme	Current NRHP Status	Year of Last Recording	Remarks
5EP01696	P-S Open Camp	Eligible: Officially	2004 (re-evaluation)	
5EP03735	P-S Open Architectural	Eligible: Officially	2000 (original recording)	
5EP03740	P-S Open Lithic	Eligible: Officially	2012 (re-evaluation)	
5EP03747	P-S Open Camp	Eligible: Officially	2000 (original recording)	
5EP05019	M-S Sheltered Lithic; Historical Rock Art	Not Eligible: Officially	2014 (re-evaluation)	NRHP status changed since PA implementation
5EP05907	H-S Homestead	Needs Data: Officially	2008 (original recording)	
5EP05913	P-S Open Lithic	Not Eligible: Officially	2014 (re-evaluation)	NRHP status changed since PA implementation
5EP05949	P-S Open Lithic	Eligible: Officially	2008 (original recording)	
5EP06002	P-S Open Architectural	Not Eligible: Officially	2013 (re-evaluation)	NRHP status changed since PA implementation
5EP06139	M-S Open Architectural; Historical Trash Scatter	Not Eligible: Officially	2014 (re-evaluation)	NRHP status changed since PA implementation
5PE00323	P-S Open Camp	Eligible: Officially	2012 (re-evaluation)	
5PE00327	H-S Homestead	Eligible: Officially	2013 (re-evaluation)	
5PE00623	P-S Open Camp	Eligible: Officially	2006 (re-evaluation)	
5PE01044	P-S Open Lithic	Eligible: Officially	2012 (re-evaluation)	
5PE02165	H-S Homestead	Eligible: Officially	1997 (original recording) 2011 (photodocumentation)	
5PE03028	P-S Open Camp	Eligible: Officially	2011 (re-evaluation)	
5PE07926	P-S Open Camp	Eligible: Officially	1997 (original recording)	

**Comment #2:** There are 34,324 acres of lands that will not be inventoried based on two reasons: a) a predictive model identified 14,291 acres as having low and low-medium probability of containing cultural resources; and b) the remaining non-inventoried lands (20,33 acres) are in several artillery impact areas that have associated safety buffer zones. These firing ranges have surface danger zones and unexploded ordnance concerns that restrict further archaeological investigations. While item b) is understandable, item a) is questionable. The

*authors of the predictive model indicate that it should be used to prioritize areas for further survey work, not ignore areas of low and low-medium probability. In fact, virtually all current practitioners make the same recommendation, being fully aware of the errors inherent to any given predictive model. Further, the authors developed two predictive models: one for historic sites and another for prehistoric sites. The two models demonstrated significant differences in the site distribution, yet the PA does not specify which was used.*

**Response #2:** As stated in Appendix 4 of the Fort Carson Training PA, the predictive model used is the Zeidler and O'Donnell predictive model (2002), which is the one developed for prehistoric sites. The mitigation proposed in the PA covers not only the 22 sites proposed for adverse effects, but also the 34,334 acres that will not be surveyed and any potential historic properties that would have been recorded therein.

**Comment #3:** *A sum of \$1,485,000 will be allocated for three distinct projects: 1) a Native American ethnographic oral history project specific to Fort Carson and PCMS lands; 2) archaeological context "gap studies" using Fort Carson and PCMS resources; and 3) project(s) that support the Santa Fe Trail community outreach... The money is to be divided equally among the three projects without discussion of the relative anticipated costs of the tasks involved. This seems rather arbitrary and we would like to see the allocation of funds reconsidered.*

**Response #3:** The Fort Carson Training PA does not specify that the mitigation funds be divided equally between the three projects. It is our intention to divide the funds according to the amount of work and potential costs associated with each project. The majority of those funds have been set aside for the archaeological context project.

**Comment #4:** *Project 1) will apparently be done in house.*

**Response #4:** Only the pilot video will be accomplished using USAG Fort Carson resources. After completion of the pilot video, it will be decided if the project can be accomplished solely through in-house resources or through contracted support.

**Comment #5:** *For the "gap studies," Fort Carson prefers to award the contracts to partners already in cooperative agreements with the Army Corps of Engineers... We understand the preference for obligating the funds under existing cooperative agreements, however we question whether this is the best solution. Only one Colorado research entity, CSU, is involved. In addition to CSU, Colorado possesses a wealth of expertise in the many available CRM and non-profit cultural research firms in the state that have extensive experience in such investigations.*

**Response #5:** We agree that there are numerous universities, cultural resources management (CRM) firms, and non-profit cultural research firms within the state of Colorado that possess the expertise necessary to accomplish the archaeological context project. It has not been decided which contract award mechanism will be used for the archaeological context project. The cooperative agreement that the U.S. Army Corps of Engineers (USACE) has with seven universities is one of several means by which we can award the contract for the archaeological context project. Pros associated with this award mechanism is that it provides 1) flexibility in the scope of services; 2) ability to phase the project and maintain same contractor, 3) longer periods of performance; and 4) ability to quickly execute the contract. Similar to the traditional contracting process, the performance work statement would be sent to all seven universities and these universities, if interested, would have to submit a proposal and associated budget for review. We would then be able to choose who receives the contract.

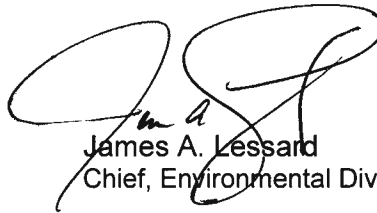
Although only one of these universities is located within the state of Colorado, there is no guarantee that if the traditional contracting process is used that the contract will be awarded to a company within the state of Colorado. We are also researching other potential grant award mechanisms that may be available that would allow us to award the contract to a local university or non-profit organization.

**Comment #6:** *We would also like to see the Santa Fe Trail outreach project funded via a competitive contractual process.*

**Response #6:** The decision on how to allocate the funds for the Santa Fe Trail community outreach project will be dependent upon what type of outreach materials the advisory committee decides would be most beneficial for this project. At that time, it will be determined if this project is best handled using in-house resources, contracted support or other means.

Points of contact for this action are Jennifer Kolise, Acting Cultural Resources Manager (CRM), jennifer.r.kolise.civ@mail.mil, 719-503-6136, or Wayne Thomas, Chief, NEPA & Cultural Management Branch, george.w.thomas16.civ@mail.mil, 719-526-1852.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Lessard', is written over the printed name and title.

James A. Lessard  
Chief, Environmental Division





## COLORADO COUNCIL OF PROFESSIONAL ARCHAEOLOGISTS

RE: Continued Concerns Regarding Fort Carson Programmatic Agreement Down Range (PA),  
Unofficial Response

To Whom It May Concern,

**Background:** This letter report is intended to synthesize and expand upon the continued issues concerning the *Programmatic Agreement Regarding Military and Operational Support Activities Down Range Fort Carson* (PA), and the necessary provisions for offsetting this mitigation. At the initial advisory committee meeting for the Fort Carson Programmatic Agreement Mitigation Project it was requested the CCPA Executive Committee to provide comments specifically: 1) Does the CCPA agree with the Programmatic Agreement (PA) of the mitigation project and its language?; 2) Does the CCPA agree with the Cooperative Agreement (CA) and its language?; 3) Does the CCPA agree with draft of the Performance Work Statement (PWS)? The CCPA Executive Committee responded in a letter that outlined several concerns on July 14. Since that time, some comments have been addressed at Fort Carson Mitigation Projects Advisory Committee. However, after several months, the CCPA Executive Committee had yet to receive a response to the letter and one was requested, on October 10, to accept or refute the various important points made, while also keeping in mind the changes proposed verbally and in draft during advisory committee meetings. A response to that letter, dated October 28, is listed on the upcoming meeting agenda on November 17. Many thanks for responding to the letter and addressing our concerns.

The following are some compiled thoughts and impressions of the letter in the hopes of providing a greater transparency of the issues that remain at large. This is not a formal response by the CCPA Executive Committee.

**Subject #1:** The 22 sites summarized in the PA, Cultural Resources for Adverse Effects (Appendix 3), have very little context of previous investigation and result information. At least three of the prehistoric sites are listed as either open architectural or sheltered lithic, which indicates a greater depth of time and use of these locations, rather than common open lithic locations. Any additional information will require further research and/or explanation that should be abundantly clear in the PA. The table provided in the response letter does little to satisfy the overarching question:

1) Why were these sites picked?

- a) It should be very apparent why each site was chosen. Instead, the document hardly acknowledges these resources.
- b) Verbal communication indicates these sites are located in heavily used maneuver areas for wheeled and tracked maneuvers. This is not much different from any other sites in the training area and offers no end resolve toward why these sites were chosen. There is no explanation in the PA for justifying why these resources will no longer be managed.

There needs to be. However, simply stating that the sites are located in heavily used maneuver areas does not explain why they will no longer be managed.

**Subject #2:** Unsurveyed Lands - the PA covers an extremely large area of the base (see PA Figure 2 and 3). The unsurveyed lands proposed for mitigation include areas in: 1) mitigation training areas (22,772 acres); 2) Artillery Impact Area with associated safety Buffer zone.

- 1) The CCPA *concur*s that the Artillery Impact Area should not be surveyed due to UXO hazards. Perhaps, the same *may* be said for several firing ranges and the associated buffer zones, depending on the potential for UXO hazards.
- 2) The CCPA *disagrees* to the extensive use of the “surface danger zones” that occur in down range facilities, such as training areas. The 2002 predictive model used to identify the remaining areas, as low and low-medium probability areas are large segments of land that remain unsurveyed (14,291 acres).
  - a) The predictive model referenced in the Programmatic Agreement by Zeidler and O'Donnell (2002) is only available as a 2003 poster presentation. The logistic regression approach incorporating GIS data is an interesting method and a decided improvement over many past attempts at predictive modeling. However, there is no manuscript detailing its algorithms, specific environmental variables, and application toward use in managing cultural resources. This is extremely problematic because at the heart of responsible modeling is the iterative process of recalculating results as new information becomes available as well as reformulating the model using different sets of assumptions and variables. Quite simply, for the management purposes there are no data available to assess its original application accuracy and continued use. Additionally, and no further studies have been done to concur that this predictive model is correct.

Hence, Fort Carson personnel are not in a position to dynamically modify the model and run alternative versions to verify or refute the results of Zeidler and O'Donnell's tentative sensitivity maps. In addition, the model is being used in a manner never envisioned by Zeidler and O'Donnell who intended it for responsible management decisions; not for the purpose of writing off areas of low probability in perpetuity.

This misuse of predictive modeling may eventually serve as a template for other federal agencies and that would yield unfortunate consequences. Fort Carson should abandon reliance on the extant model given the inability to replicate or modify its management recommendations. If mechanized and infantry maneuver training activities are continually allowed in these “surface danger zones” areas and pedestrian archaeological surveys have been in place for decades to walk in these same locations, then Fort Carson should fulfill its obligation of completing a full cultural resource inventory of these parcels and manage those resources accordingly. If cultural resource compliance cannot be coordinated among various organization of U.S. Army Garrison Fort Carson, e.g., Range Control and the Cultural Resource Management programs, then we have some larger issues that need to be further discussed.

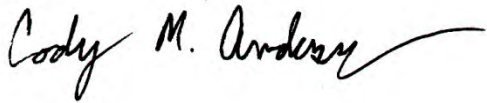
**Subject #3:** The distribution of funds has been discussed at length since the original was sent and the response has helped clarify this matter.

**Subject #4:** The response has helped clarify this matter.

**Subject #5:** The response has helped clarify this matter and ongoing developments are to be discussed at the upcoming advisory meeting.

**Subject #6:** The response has helped clarify this matter.

Sincerely,

A handwritten signature in black ink that reads "Cody M. Anderson". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Cody M. Anderson  
Colorado Council of Professional Archaeologists, Representative  
651 Corporate Circle, Suite 200  
Golden, CO 80401





## COLORADO COUNCIL OF PROFESSIONAL ARCHAEOLOGISTS

Jennifer Kolise      Wayne Thomas  
Acting Cultural      Chief, NEPA and  
Resources Manager      Cultural Management  
Branch

Date: March 22, 2016

DPW-Environmental  
1626 Evans Street, Building 1219  
Fort Carson, CO 80913-4143

CC: Nathan Boyless (CCPA President), Michael Berry (Past President); Holly Norton (SHPO); Mark Tobias (OAHP)

RE: Concerns of Premature Submittal of Performance Work Statement (PWS) to US Corps of Engineers (USACE)

Dear Ms. Kolise and Mr. Thomas,

Thank you for attending the Colorado Council of Professional Archaeologists (CCPA) annual meeting of *Federal and State Agency Reports* on March 18, 2016. Such correspondence is a necessary vehicle for educating professional archaeologists about the cultural resources that you manage in Colorado. Afterward, I had a meeting with the CCPA Executive Committee that requires me to address continuing issues regarding the *Programmatic Agreement Regarding Military and Operational Support Activities Down Range Fort Carson* (PA). This is a continuation of the issues discussed at the *Fort Carson Programmatic Agreements Consulting Parties Meeting and Fort Carson Mitigation Projects Advisory Committee Meeting* held on January 6, 2016. These enduring subjects are described in detail from the meeting minutes, distributed on February 10, 2016.

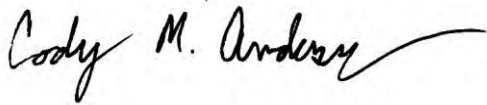
During the meeting report, it was indicated that the performance work statement (PWS) for the Fort Carson Programmatic Mitigation Project was submitted to the US Corps of Engineers (USACE). This came as a surprise to the CCPA since a final copy was never submitted to the Advisory Committee for Fort Carson Programmatic Mitigation Project (Advisory Committee). After submittal of my draft on February 4, 2016, I have heard no correspondence of a final review of the document. Clearly, the *entire* Advisory Committee would *absolutely* require an evaluation of the manuscript before its submittal.

In fact, I don't believe that we ever concluded that the contract should be awarded under the Cooperative Agreement (CA) with the USACE. It has been indicated that Fort Carson would prefer to award the contracts to partners already in a CA but as far as I am concerned this is still a work in progress; as indicated in Subject #5 of my letter submitted to the Advisory Committee and disseminated during the January meeting. As of our last meeting in January, no official decision of who we were submitting the PWS to was finalized. Nor should it have been, not without a final review of the PWS by the entire Advisory Committee. I believe that my final

statement regarding the issue that “it is important to find the right folks for the job” indicates that no decision was clearly met.

Also at the January meeting, we had discussed other lingering issues that the CCPA has had ongoing concerns regarding the 22 sites (Subject #1) and misuse of the predictive model (Subject #2). On February 24, 2016, I formally requested an update regarding these topics, so I might provide some details to the CCPA Executive Committee. Those topics have not been addressed since the January meeting. Therefore, I see no point in submitting a contract to the USACE until a resolve can be met regarding the subjects discussed above.

Sincerely,

A handwritten signature in black ink that reads "Cody M. Anderson". The signature is fluid and cursive, with a long, sweeping horizontal line extending from the end of the name.

Cody M. Anderson  
Colorado Council of Professional Archaeologists, Representative



DEPARTMENT OF THE ARMY  
US ARMY INSTALLATION MANAGEMENT COMMAND  
DIRECTORATE OF PUBLIC WORKS  
1626 EVANS STREET, BLDG 1219  
FORT CARSON, CO 80913-4143

REPLY TO  
ATTENTION OF

April 12, 2016

Office of the Director

Cody Anderson, Representative  
Colorado Council of Professional Archaeologists  
651 Corporate Circle, Suite 200  
Golden, Colorado 80401

Dear Mr. Anderson:

Thank you for your correspondence dated March 22, 2016, regarding concerns expressed by the Colorado Council of Professional Archaeologists (CCPA) on the submittal of the Performance Work Statement (PWS) for the archaeological context mitigation project to the U.S. Army Corps of Engineers (USACE) for contract award.

**Comment #1:** *During the meeting report, it was indicated that the performance work statement (PWS) for the Fort Carson Programmatic Mitigation Project was submitted to the US Corps of Engineers (USACE). This came as a surprise to the CCPA since a final copy was never submitted to the Advisory Committee for Fort Carson Programmatic Mitigation Project (Advisory Committee). After submittal of my draft on February 4, 2016, I have heard no correspondence of a final review of the document. Clearly, the entire Advisory Committee would absolutely require an evaluation of the manuscript before its submittal.*

**Response #1:** The most recent revision, which incorporated comments received during the January 6<sup>th</sup> meeting and comments received from you on February 4<sup>th</sup>, was sent to the Advisory Committee via electronic mail (email) on February 10, 2016, after Ms. Kolise received confirmation from you that this reiteration was ready to proceed to the group as a final product on February 5, 2016. Based on this correspondence, as well as the lack of further comments from the Advisory Committee on this version of Section 5 of the PWS and verbal discussions with you, we believed that a final version had been achieved and was ready for submittal to the USACE for contract award.

We regret any misunderstanding or miscommunication regarding the readiness of the PWS for submittal to the USACE. To address your concerns and concerns expressed by Dr. Holly Norton, State Archaeologist and Deputy State Historic Preservation Officer, the final draft PWS was resent to the Advisory Committee via electronic mail (email) on March 24, 2016. The email expressly states that this is the final version intended for submittal to the USACE and requested comments be submitted by April 8, 2016. It also clarified that Fort Carson will be utilizing the standard contract approach, instead of the Cooperative Agreement with the seven universities, as had been discussed at the January 6<sup>th</sup> meeting. The Advisory Committee provided no further comments on the PWS nor were any further concerns regarding moving forward to the contracting phase identified.

**Comment #2:** *In fact, I don't believe that we ever concluded that the contract should be awarded under the Cooperative Agreement (CA) with the USACE. It has been indicated that Fort Carson would prefer to award the contracts to partners already in a CA but as far as I am concerned this is still a work in progress; as indicated in Subject #5 of my letter to the Advisory Committee and disseminated during the January meeting. As of our last meeting in January, no*

*official decision of who we were submitting the PWS to was finalized. Nor should it have been, not without final review of the PWS by the entire Advisory Committee. I believe that my final statement regarding the issue that "it is important to find the right folks for the job" indicates that no decision was clearly met.*

**Response #2:** At the January 6<sup>th</sup> meeting, Mr. Thomas informed the committee that Fort Carson had decided to proceed with the standard contracting mechanism, instead of utilizing the grant mechanism covered by the USACE's Cooperative Agreement with seven universities. Mr. Thomas explained that the USACE's standard Federal Acquisition contracting approach using an existing Indefinite Delivery/Indefinite Quantity (IDIQ) contract would be the best approach for this project after researching several other options and taking into account the recommendations of the Advisory Committee.

Fort Carson uses the USACE as an intermediary to administer the contracts for these types of projects. Fort Carson works collaboratively with the USACE to determine the best contracting approach for contracted services.

**Comment #3:** *Also at the January meeting, we had discussed other lingering issues that the CCPA has had ongoing concerns regarding the 22 sites (Subject #1) and misuse of the predictive model (Subject #2). On February 24, 2016, I formally requested an update regarding these topics, so I might provide some details to the CCPA Executive Committee. Those topics have not been addressed since the January meeting. Therefore, I see no point in submitting a contract to the USACE until a resolve can be met regarding the subjects discussed above.*

**Response #3:** Although the issues were discussed at the January 6<sup>th</sup> meeting and detailed in the meeting minutes, Fort Carson recognizes that an official response to your concerns stated in correspondence dated October 28, 2015, is still outstanding.

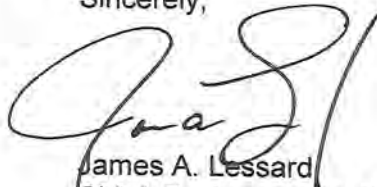
Per Stipulation VII.A of the Fort Carson Downrange PA, the mitigation projects and associated funding resolve adverse effects to historic properties identified in Appendix 3 and any unknown cultural resources in the unsurveyed acreage, surviving any extension, withdrawal, amendment, and subsequent consultation, except for new matters, such as those addressed in Stipulation II.C. Therefore, your issues regarding how and why these 22 sites were chosen (Subject #1) and the use of the predictive model to decide which areas should be exempted from additional investigations (Subject #2) should not affect the progress of the mitigation projects.

In several venues to include the January 6<sup>th</sup> meeting and the recent CCPA Business Meeting, you have stated that Fort Carson did not properly consult with the CCPA or afford the CCPA adequate opportunities to review and comment upon draft versions of the PA. In May 2013, a letter was mailed to Mr. Sean Laramore, CCPA president at that time, notifying the CCPA of Fort Carson's intention to develop the Fort Carson Downrange PA. In July 2013, an invitation to attend an initial meeting, one scheduled in Trinidad on August 20, 2013, and one in Colorado Springs on August 21, 2013, to discuss the development of the PA was mailed to Mr. Laramore. No representatives from the CCPA attended either meeting. In January 2014, the final draft PA and invitation to attend a second meeting, scheduled for February 13, 2014, in Trinidad, was mailed to Mr. Laramore. Mr. Stephen Snyder represented the CCPA at the February 2014 meeting. On February 21, 2014, Mr. Laramore emailed Fort Carson and the Advisory Council on Historic Preservation (ACHP), stating that he is deferring comment on the draft PA to the Colorado State Historic Preservation Officer (SHPO), although he did state that the CCPA would like to be included on future correspondence and have future opportunities to comment.

A copy of the final PA was mailed to Mr. Snyder, along with an invitation to the CCPA to sign as a concurring party. Ms. Michelle Slaughter, CCPA president at that time, responded in correspondence dated November 10, 2014, stating that the CCPA signed the PA as a concurring party, even though the low-medium probability areas were exempted from additional investigations. The CCPA was afforded the same opportunities to engage with Fort Carson in the development of the Fort Carson Downrange PA, as was given to the other consulting and/or interested parties and the public.

Points of contact for this action are Jennifer Kolise, Acting Cultural Resources Manager (CRM), [jennifer.r.kolise.civ@mail.mil](mailto:jennifer.r.kolise.civ@mail.mil), 719-503-6136, or Wayne Thomas, Chief, NEPA & Cultural Management Branch, [george.w.thomas16.civ@mail.mil](mailto:george.w.thomas16.civ@mail.mil), 719-526-1852.

Sincerely,

A handwritten signature in black ink, appearing to read 'James A. Lessard', written over a horizontal line.

James A. Lessard  
Chief, Environmental Division





## COLORADO COUNCIL OF PROFESSIONAL ARCHAEOLOGISTS

Jennifer Kolise      Wayne Thomas  
Acting Cultural      Chief, NEPA and  
Resources Manager      Cultural Management  
Branch

Date: June 3, 2016

DPW-Environmental  
1626 Evans Street, Building 1219  
Fort Carson, CO 80913-4143

RE: Programmatic Agreement Regarding Military Training and Operational Support Activities  
Down Range Fort Carson, Colorado (PA)

Dear Ms. Kolise and Mr. Thomas,

Thank you for your correspondence dated April 12, 2016 in response to the Colorado Council of Professional Archaeologists' (CCPA) letter dated March 22, 2016. I am encouraged to see the ongoing dialogue and I appreciate your willingness to consider and address our questions. Over the past year, the CCPA has served in an advisory capacity for matters concerning Fort Carson's compliance with the National Historic Preservation Act of 1966 (NHPA) (as amended). The two major components of our involvement have been the Fort Carson Programmatic Agreement Regarding Military Training and Operational Support Activities Down Range Fort Carson, Colorado (PA) and Section 106 undertakings outside areas defined in the PA. For the latter category, the CCPA authorized Mr. Cody Anderson to respond to such undertakings, seeking comments from the CCPA Executive Committee only in potentially controversial situations. This arrangement appears to function well because of your support and Mr. Anderson's dedication to the effort.

In past correspondence, Mr. James Lessard, Chief of the Environmental Division, has addressed previous concerns held by the CCPA Executive Committee. On behalf of the CCPA, thank you for facilitating that. We are requesting, however, your assistance to address one lingering area of concern regarding the PA as it remains unresolved to the satisfaction of the CCPA: reliance on a predictive model to exclude certain areas from survey and mitigation, as outlined in Item B of Appendix 4 in the PA. I respectfully request that you please consider our following proposal to address this outstanding concern.

As noted in our letter sent July 14, 2015, the CCPA asserts that the inclusion of predictive modeling in the PA reflects a misunderstanding of the proper use of such models. Valid application of predictive models (more appropriately termed locational models) falls under two headings: management decisions and interpretation of past life ways. Proper use as a management tool means that undertakings may be planned in areas estimated to have greater or lesser impact on cultural resources and, therefore, greater or lesser cultural mitigation costs. The other valid use is hypothesis generation regarding why and how historic and prehistoric populations occupied the landscape and identified specific resources. The Fort Carson PA, in



contrast, employs the model in a third and concerning manner: exempting large areas from compliance responsibility based on low statistical probability of site presence.

Because of this significant concern, the CCPA strongly recommends that Fort Carson consider amending the PA to include pedestrian inventory of the low/low-medium probability areas; or, under the existing PA, issue a Request for Proposal (RFP) to either resuscitate the extant version of the model or develop a new one, and subsequently reconsider proper application of the model for management decisions on Fort Carson lands. Mr. Lessard, indicated in a letter to the CCPA dated October 28, 2015, that it is the intention of Fort Carson "...to divide the funds [in the PA] according to the amount of work and potential costs associated with each project. The majority of those funds have been set aside for the archaeological context project." Therefore, we propose that the archaeological context project incorporate the survey data of the context area and revise the extant predicative model and/or develop a new model. Those that change to higher probability areas (i.e. medium or above), would require a Class III pedestrian survey. This provides a solution to meet both Fort Carson's and the CCPA's goals: using existing funds already allocated in the PA to augment the 2002 effort and enrich the data for inclusion in the archaeological context project via in-field studies or a revision of the predictive model.

We propose this solution for several reasons. First, the current model on which the PA depends utilizes algorithms that are not published or otherwise available. Instead, the model exists only as a poster presentation designed to show the potential of such locational models for management purposes. It is important to note that locational models should not be considered as "one-and-done." Rather, effective models require constant modification as new data become available and as different environmental parameters are experimentally employed. The current model, while based on sophisticated logistic regression statistical methods, is clearly not subject to such iterative modification because the "live" computer programming is unavailable. We are confident that revision or replacement of the 2002 model will significantly enhance Fort Carson's ability to manage eligible resources on your lands. The CCPA has members with expertise in locational modeling and we offer to assist Fort Carson in developing an RFP, as appropriate, in a similar manner as we assisted in a significant revision of the PWS. Please note that the revision to Section 5.1.1.4 of the PWS included language to the effect of building upon "...the logistic regression models previously developed for Fort Carson by the Center for Environmental Management of Military Lands (CEMML) at Colorado State University (Zeidler and O'Donnell 2002, 2007), and those developed for the PCMS by Kvamme (1992)."

We invite your response on the aforementioned proposed solution and look forward to continuing this valuable collaborative effort. Thank you for your time and consideration of this matter.

Sincerely,



Nathan D. Boyless, President  
Colorado Council of Professional Archaeologists





DEPARTMENT OF THE ARMY  
US ARMY INSTALLATION MANAGEMENT COMMAND  
DIRECTORATE OF PUBLIC WORKS  
1626 EVANS STREET, BLDG 1219  
FORT CARSON, CO 80913-4143

REPLY TO  
ATTENTION OF

June 15, 2016

Office of the Director

Nathan D. Boyless, President  
Colorado Council of Professional Archaeologists  
651 Corporate Circle, Suite 200  
Golden, Colorado 80401

Dear Mr. Boyless:

Thank you for your correspondence dated June 3, 2016, outlining the Colorado Council of Professional Archaeologist's (CCPA) proposed resolution regarding your concerns on the *Programmatic Agreement Regarding Military Training and Operational Support Activities Down Range Fort Carson, Colorado* (March 2014) (PA), specifically the areas exempted from survey. The U.S. Army Garrison (USAG) Fort Carson respects the collaborative relationship that we have with Mr. Cody Anderson and the CCPA, and we appreciate the high level of knowledge and expertise that you are able to provide regarding the management of cultural resources.

The USAG Fort Carson considered numerous factors when developing the PA, especially in determining and justifying our proposed adverse effects to historic properties and the proposed mitigations for those adverse effects. These factors included, but were not limited to, the military training mission, human health and safety concerns, and funding and staffing constraints that could inhibit our ability to implement the stipulations set forth in the PA. The PA was developed in consultation with the Colorado State Historic Preservation Officer (SHPO) and the Advisory Council on Historic Preservation (ACHP), as well as our consulting parties and the public. The CCPA was afforded the same opportunities to engage with the USAG Fort Carson in the development of the Fort Carson Downrange PA, as was given to the other consulting and/or interested parties.

As stated in previous correspondence and discussions, the USAG Fort Carson has determined that military training and operational support activities that occur downrange at Fort Carson will have an adverse effect to any historic property that may exist within the areas exempted from further survey. The projects described in Stipulation VI, as well as the funds of \$1,485,000 set aside to accomplish these projects, are the mitigation to resolve for potential adverse effects that may occur within these exempted areas as shown in Figure 3 and the 22 archaeological sites listed in Appendix 3, as agreed upon by the USAG Fort Carson, the Colorado SHPO, and the ACHP.

The USAG Fort Carson agrees that the predictive model developed by Zeidler and O'Donnell (2002) should not be used for "exempting large areas from compliance responsibility based on low statistical probability of site presence." These exempted areas were not chosen using solely this predictive model. Although the predictive



model was used a management tool to guide our decisions regarding potential impacts to cultural resources and cultural mitigation costs, human health and safety concerns were the primary factor in prioritizing which areas should be exempted from survey. The Department of Defense Instruction (DoDI) 4715.16, *Cultural Resources Management*, defines areas that are available for survey as all DoD-managed lands, except for the following: 1) impact areas, as defined by DoDI 4715.11; 2) surface danger zones, as defined in the Department of the Army's Pamphlet (DA PAM) 385-63; 3) areas that are under five feet of water year-round; and 4) danger zones, as defined in 33 CFR Part 334. Following this policy guidance, approximately 21,240 acres are categorized as impact areas within the area of potential effects (APE) for the Fort Carson Downrange PA: 1) artillery, duded impact area and associated buffer zone (15,488 acres); and 2) large arms, non-duded impact area that was historically used as a duded impact area (5,752 acres). Approximately 4,208 acres have been surveyed within these impact areas, leaving 17,032 unsurveyed acres that are not considered available for survey within these impact areas. Approximately 12,071 acres that are considered exempted from survey are within a restricted access area. This restricted area includes the footprint of intensively used ranges and their associated surface danger zones, as well as adjacent areas to which there is no access when the ranges are being utilized.

Under the Fort Carson Downrange PA, only 4,174 acres outside of the impact areas and the restricted access area are exempted from survey, all of which are categorized as low and low-medium probability areas under Zeidler and O'Donnell's (2002) predictive model. Enclosure 1 is a modified version of the PA's Figure 3, which depicts the impact areas, restricted access areas, and other areas exempted from survey, as well as updating the areas that have been surveyed since the implementation of the PA. Please note, the 5,953 acre small arms, non-duded impact area shown on Enclosure 1 is within the main post area considered under the *Fort Carson Programmatic Agreement Regarding Construction, Maintenance, and Operations Activities for Areas on Fort Carson, Colorado* (March 2013), and as such is not discussed in this letter.

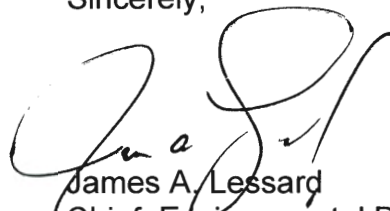
The USAG Fort Carson acknowledges your concern regarding these exempted areas, but we respectfully disagree with the CCPA's recommendation to amend the PA to include surveying these low and low-medium probability areas or to issue a request for proposal to update the existing predictive model and/or develop a new model. The USAG Fort Carson recognizes that military training and operational support activities may have an adverse effect on historic properties that may exist within these exempted areas. Since the stipulations in the PA mitigate for these adverse effects, the USAG Fort Carson is not obligated to inventory these areas for historic properties with the exception of new matters addressed in Stipulation II.C, in accordance with Stipulation VII.A. Stipulation II.C. states that, in the event of a non-exempted undertaking, the USAG Fort Carson shall follow the Section 106 process. In addition, the USAG Fort Carson's Inadvertent Discovery of Archaeological, Cultural, or Paleontological Materials Standard Operating Procedure (SOP) applies should cultural materials be identified.

As you acknowledged in your correspondence, Section 5.1.1.5 of the performance work statement (PWS) for the archaeological context mitigation project does state that models will be developed that should build upon those models previously developed for Fort Carson and the Pinon Canyon Maneuver Site (P); but it further states that alternative modelling approaches will be considered, leaving it at the discretion of the contractor in coordination with the USAG Fort Carson.

We hope this more detailed explanation has adequately addressed your comments and has allayed some of your concerns regarding the areas exempted from survey. We look forward to continuing to work with the CCPA in a concerted effort to effectively manage Fort Carson's cultural resources.

Points of contact for this action are Pamela Miller, Cultural Resources Manager, [pamela.k.miller26.civ@mail.mil](mailto:pamela.k.miller26.civ@mail.mil), 719-526-4484; Jennifer Kolise, PCMS Archaeologist, [jennifer.r.kolise.civ@mail.mil](mailto:jennifer.r.kolise.civ@mail.mil), 719-503-6136; or Wayne Thomas, Chief, NEPA & Cultural Management Branch, [george.w.thomas16.civ@mail.mil](mailto:george.w.thomas16.civ@mail.mil), 719-526-1852.

Sincerely,

A handwritten signature in black ink, appearing to read 'James A. Lessard', is written over a printed name and title.

James A. Lessard  
Chief, Environmental Division

Enclosure



# Enclosure 1

0 2.5 5 10 km

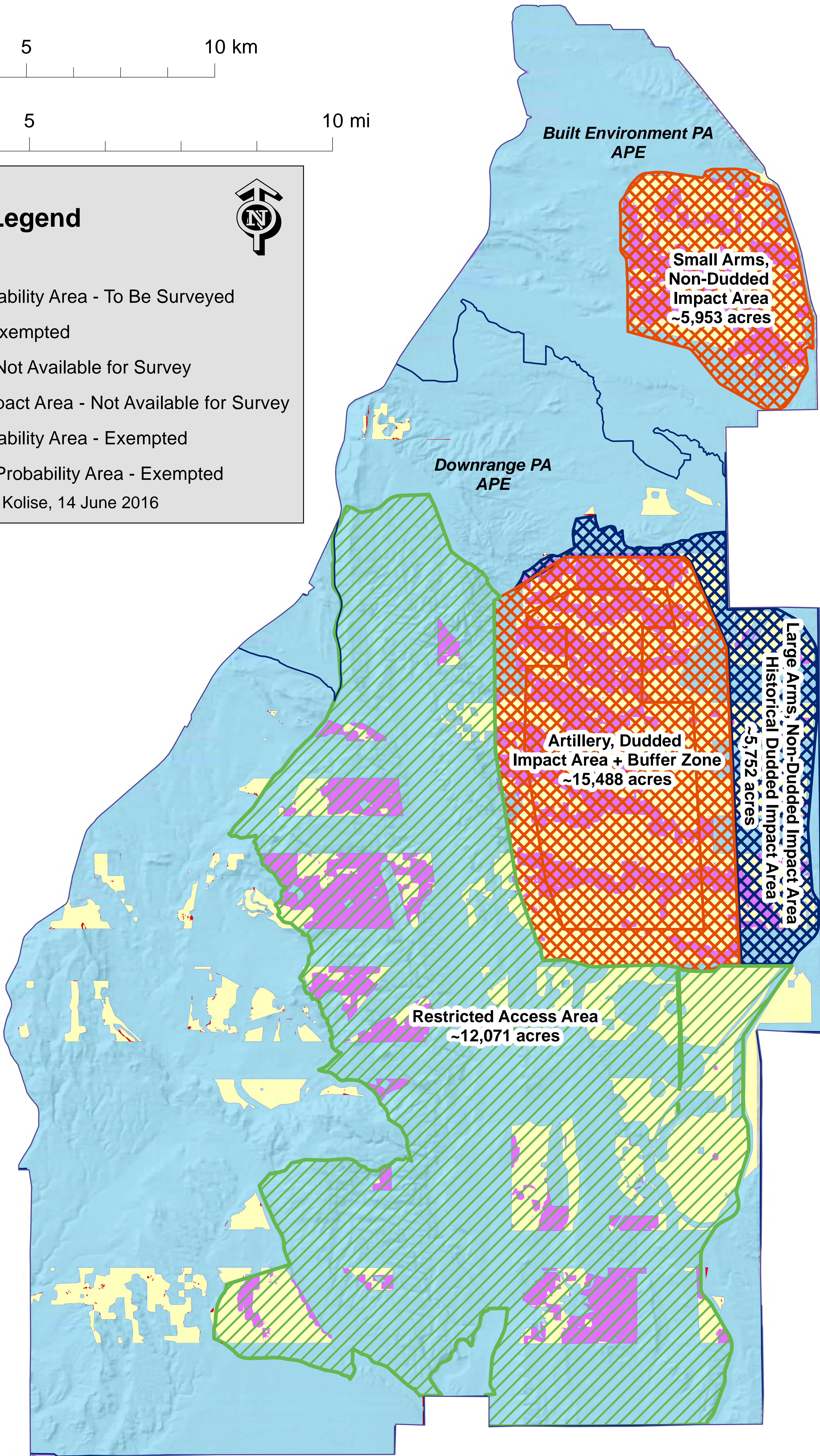
0 2.5 5 10 mi

## Legend



- Surveyed Area
- Medium to High Probability Area - To Be Surveyed
- Restricted Access - Exempted
- Active Impact Area - Not Available for Survey
- Historically Active Impact Area - Not Available for Survey
- Medium to High Probability Area - Exempted
- Low to Low-Medium Probability Area - Exempted

Created by: J. Kolise, 14 June 2016





**FISCAL YEAR (FY) 2016 ANNUAL REPORT:  
PROGRAMMATIC AGREEMENT AMONG U.S. ARMY GARRISON FORT CARSON, COLORADO STATE  
HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION  
REGARDING MILITARY TRAINING AND OPERATIONAL SUPPORT ACTIVITIES AT PIÑON CANYON  
MANEUVER SITE, FORT CARSON, COLORADO**

**NOVEMBER 15, 2016**

The U.S. Army Garrison (USAG) Fort Carson submits the following annual report to the State Historic Preservation Officer (SHPO) and concurring parties in accordance with Stipulation VI of the *Programmatic Agreement among U.S. Army Garrison Fort Carson, Colorado State Historic Preservation Officer, and the Advisory Council on Historic Preservation regarding Military Training and Operational Support Activities at Piñon Canyon Maneuver Site, Fort Carson, Colorado*, hereafter referred to as the PCMS PA. This report covers the period from October 1, 2015, through September 30, 2016 and includes information as outlined in Stipulation VI.A. It has been distributed electronically to the SHPO and concurring parties and is available online at: <http://www.carson.army.mil/DPW/nepa.html>.

### **I. Exempted Undertakings**

Table 1 of Enclosure 1 lists all exempted undertakings that have been reviewed by the Fort Carson Cultural Resources Management Program (CRMP) between October 1, 2015, and September 30, 2016. Thirty-six undertakings were reviewed that were considered exempted in accordance with Appendix 1 of the PCMS PA.

### **II. Non-Exempted Undertakings**

Table 2 of Enclosure 1 lists all undertakings with the areas of potential effects (APEs) covered by the PCMS PA that required consultation in accordance with Section 106 of the National Historic Preservation Act (NHPA). Five undertakings required Section 106 consultation.

Table 3 of Enclosure 1 lists all other non-exempted undertakings that were reviewed by the Fort Carson CRMP. These 10 undertakings include document reviews and undertakings with no potential to effect historic properties.

### **III. Action Updates**

#### **A. Status of Tasks Implemented under Stipulations I, III, and IV**

The PCMS PA Task Tracker (Enclosure 2) provides detailed information regarding the status of various task implemented under Stipulation I, Inventory and Evaluation of Cultural Resources; Stipulation III, Protection of Cultural Resources; and Stipulation IV, Monitoring and Inspection.

#### **B. Cultural Resources Awareness Training**

The following cultural resources awareness training materials are provided to Soldiers, civilian employees, contractors, and other users, as appropriate:

- Soldiers' Brief
- Cultural Resources Fact Sheet
- Dos and Don'ts Pocket Card

- Environmental Protection Officer (EPO) – provided monthly to Soldiers who serve as the EPO for their unit
- Fort Carson Environmental Battle Book, 2015, v4
- Cultural Resources Awareness Video

No comments on the cultural resources awareness training materials were received from the SHPO or concurring parties from the FY2015 Annual Report.

The current training materials, except for the Fort Carson Environmental Battle Book and the Cultural Resources Awareness Video, are included in Enclosure 3. The Fort Carson Environmental Battle Book, a quick reference document for guidance on common environmental concerns, including cultural resources, is available online at the Fort Carson website at: [http://www.carson.army.mil/DPW/Documents/ENVIRONMENTAL\\_BATTLE\\_BOOK.pdf](http://www.carson.army.mil/DPW/Documents/ENVIRONMENTAL_BATTLE_BOOK.pdf). The video is available to view online at YouTube: [https://youtu.be/1W6Ow\\_aJA5Y](https://youtu.be/1W6Ow_aJA5Y).

#### C. Brigade-Sized Training Exercises

No brigade-sized training exercises occurred at the PCMS during the reporting period. A brigade-sized training exercise is tentatively scheduled for April-May 2017.

#### D. Inadvertent Entries and/or Impacts to Historic Properties

During the reporting period, inadvertent entries and/or impacts to historic properties were documented at seven sites: 5LA2258, 5LA2303, 5LA2320, 5LA3389, 5LA10934, 5LA11281, and 5LA12605. While placing boulders to provide increased site protection, an inadvertent entry was noted at 5LA2258 on January 19, 2016. This entry was not associated with military training. The SHPO's office was informed via email on January 22, 2016. Mr. Mark Tobias, Section 106 Compliance Manager, responded that he had no questions or concerns at that time, subject to comments from other consulting parties.

On March 17, 2016, wildland fire impacted sites 5LA2303, 5LA3389, 5LA10934, 5LA11281, and 5LA12605. In addition, inadvertent entries at 5LA2302, 5LA10934, and 5LA12605 occurred during fire suppression activities associated with the MSR 2 Wildland Fire. The after action report was submitted to the SHPO, culturally-affiliated Native American Tribes, and consulting parties on April 18, 2016. In correspondence dated April 18, 2016 (HC #70059), the SHPO stated that no further consultation is required.

A windmill located at 5LA2320 collapsed due to high winds that occurred on March 23, 2016. The after action report was submitted to the SHPO, culturally-affiliated Native American Tribes, and consulting parties on April 18, 2016. In correspondence dated April 18, 2016 (HC #70059), the SHPO stated that no further consultation is required.

#### E. Inadvertent Discoveries

There were no inadvertent discoveries during the reporting period.

#### F. Emergency Response per 36 CFR 800.12

Per 36 CFR 800.12(d), fire suppression activities associated with the MSR 2 Wildland Fire event are considered immediate rescue and salvage operations conducted to preserve life or property,

and as such, are exempt from the provisions of Section 106. The wildland fire started on March 17, 2016, with fire suppression activities concluding on March 18, 2016. Approximately 1,704 acres within the southeastern portion of Training Area (TA) 17, south of MSR 2 and west of Gutierrez Road, were impacted. Cause of the fire is unknown. Ms. Jennifer Kolise, PCMS Archaeologist, conducted after action monitoring on March 22-24, 2016. The after action report was submitted to the SHPO, culturally-affiliated Native American Tribes, and consulting parties on April 18, 2016. In correspondence dated April 18, 2016 (HC #70059), the SHPO stated that no further consultation is required.

#### G. Amendment

Due to lessons learned since the implementation of the PCMS PA, the site protection measures and monitoring frequencies need to be standardized with the Fort Carson Downrange PA, which may lead to an amendment proposal that will be submitted to all signatories in accordance with Stipulation VII.C.

Per Stipulation III.B, a proposed amendment to Appendix 2 is provided in Enclosure 4.

#### H. Dispute Resolution

There were no dispute resolution activities during the reporting period.

#### I. Other

Section 106 consultation on the 1<sup>st</sup> Stryker Brigade Combat Team (BCT) "Raider Focus" Training Exercise held at the PCMS in May-June 2015 is ongoing for 37 of the 60 protected properties entered. The SHPO provided concurrence with the USAG Fort Carson's determinations of eligibility for 24 sites and provided concurrence with the determinations of effect for 23 sites via correspondence dated November 23, 2015 (HC #69195). More information regarding cumulative impacts to 36 sites was requested. The SHPO recommended a finding of "adverse effects to a historic property for 5LA9037 due to cumulative effects associated with previous military training exercises.

In this aforementioned correspondence, the SHPO also requested an update on the status of consultation on two previous brigade-sized training exercises: 2010 2-4 BCT "Warhorse Rampage" Training Exercise and 2013 2-4 BCT "Warhorse Charge" Training Exercise. The SHPO also stated in correspondence dated November 30, 2015, that the FY15 Annual Report did not address concerns raised in correspondence dated June 16, 2015 (CHS #63119), regarding the 2013 2-4 BCT "Warhorse Charge" Training Exercise. A review of the CRMP's records revealed that Section 106 consultation was not finished for the 2010 2-4 BCT "Warhorse Rampage" Training Exercise. The USAG Fort Carson has reviewed all correspondence and documentation on these training exercises; updated documentation and responses to comments were mailed to the SHPO on November 15, 2016.

Report compiled by:

Jennifer R. Kolise  
Acting Cultural Resources Manager

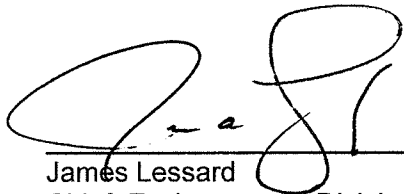
Approved by:



Wayne Thomas  
Chief, NEPA and Cultural Management Branch

14 Nov 2016


Date



James Lessard  
Chief, Environmental Division

14 Nov 2016

Date



Hal Alguire  
Director, Public Works

15 Nov 2016

Date



**ENCLOSURE 1:**  
**ALL UNDERTAKINGS REVIEWED BY THE FORT CARSON CRMP DURING THE FY15 REPORTING PERIOD (OCTOBER 1, 2015, THROUGH SEPTEMBER 30, 2016) UNDER THE PCMS PA**

**Table 1. Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-001, 2016-114, 2016-244, 2016-361, & 2016-494 Update Environmental Training Advisory Record for Environmental Consideration (REC) for Trainers	DPT16QTR1 DPT16QTR2 DPT16QTR3 DPT16QTR4 DPT17QTR1	Downrange Fort Carson & PCMS	FC A FC B FC C PC B1 PC B2 PC B3 PC C1 PC C2 PC D1 PC D2	10/01/2015 01/04/2016 03/31/2016 07/22/2016 09/28/2016	Updated GIS layers of cultural restrictions for Fort Carson and PCMS are provided to DPTMS for planning purposes
2016-053 Replace Refrigeration Units, Bldg 350 PCMS	DPW13-014	PCMS Cantonment	PC A2b	11/5/2015	
2016-056 Dig Request for Geotechnical Samples, PCMS	n/a	PCMS Cantonment	PC A2a	11/6/2015	
2016-059 & 2016-099 Construct Tactical Vehicle Wash Facility at PCMS	PN 86573	PCMS Cantonment	PC A2a	11/9/2015 12/15/2015	Undertaking has been previously reviewed under NEPA project numbers 2009-129, 2011-219, 2012-205, & 2012-537; Section 106 consultation completed in April 2012 (CHS #61730)
2016-082 Install Electronic Access Gate at PCMS	PCM13-006	PCMS Cantonment	PC A2a	11/24/2015	Undertaking has been previously reviewed under NEPA project numbers 2013-443, 2013-547, & 2015-374; Section 106 consultation was completed in March 2014 (CHS #65662)
2016-112 & 2016-428 MSR 1B Road Improvement Project	PCM16-003 PCM16-026	PCMS Numbered TAs & PCMS Lettered TAs	PC B4a2 PC C3a1	01/05/2016 08/16/2016	PCMS Archaeologist monitored project.

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-123 2016 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	BE I.B3 BE I.D1c FC D2b PC A3b PC B4b2 PC C3b2 PC D3b2	01/06/2016	Section 106 consultation completed for portions of project area located on Fort Carson at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; see Table 2 for more details
2016-127 Replace Seibert Stakes with Boulders, PCMS	DPT16-007	PCMS Numbered TAs	PC B4a3	01/07/2016	
2016-164 Install Emergency Notification System, Bldgs 300 & 301 PCMS	PCM16-005	PCMS Cantonment	PC A2b	02/10/2016	
2016-170 Repair Leak and Replace Float Chamber, PCMS	PCM16-010	PCMS Numbered TAs	PC B4a2	02/18/2016	
2016-229 Grade Firebreak at Piñon Canyon Maneuver Site	PCM16-012	PCMS Numbered TAs	PC B4a2 PC B4b1	04/06/2016	
2016-230 Forest Improvements along Pipeline Road, PCMS	PCM16-013	PCMS Numbered TAs	PC B4b2	03/23/2016	
2016-235 Parking Lot Repair, Bldg 300 PCMS	PCM16-014	PCMS Cantonment	PC A2b	03/28/2016	
2016-236 Install Alternate Electric Feed to PCMS Electric Distribution, PCMS	PCM16-015	PCMS Cantonment	PC A2a	03/28/2016	For anything located outside of the PCMS boundaries, San Isabel Electric is responsible for Section 106 consultation requirements.
2016-238 Remove Two Electrical Poles & Electrical Wire on MSR 3, Range 9 PCMS	PCM16-016	PCMS Numbered TAs	PC B4a4	03/29/2016	
2016-242 Replace Four Cathodic Protection Units along Colorado Interstate Gas (CIG) Highly-Pressurized Natural Gas Pipeline, PCMS	PCM16-018	PCMS Numbered TAs	PC B4a2	03/31/2016	

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-251 Remove Construction and Demolition Waste, PCMS	PCM15-007	PCMS Cantonment	PC A2d	04/04/2016	
2016-278 Dust Suppression on Fort Carson and Piñon Canyon Maneuver Site	DPW16-041 PCM16-019	Main Post, Downrange Fort Carson, PCMS Cantonment, & PCMS Numbered TAs	BE I.A2 FC D1b PC A2b PC B4a2	04/26/2016	
2016-287 Install Polytank near Cliff Swallow Nesting Structure	PCM16-020	PCMS Cantonment	PC A3a	04/21/2016	
2016-289 Install Flood Gauges – Fort Carson and PCMS	DPT16-015	Downrange Fort Carson, PCMS Numbered TAs, & PCMS Lettered TAs	FC D2a PC B3b1 PC C3b1	04/25/2016	
2016-290 Remove Towers, Fort Carson and PCMS	DPT16-016	Downrange Fort Carson, PCMS Numbered TAs, & PCMS Hogback	FC D1d PC B4a4 PC D3a2	04/25/2016	
2016-368 & 2016-454 FY17 Prescribed Fire Plan, Fort Carson and PCMS	n/a	Main Post, Bird Farm Recreation Area, Turkey Creek Complex, Downrange Fort Carson, & PCMS Numbered TAs	BE I.B3 FC D2b PC B4b2	07/08/2016 09/01/2016	Portions of the undertaking have been previously reviewed under NEPA project numbers 2014-586 & 2015-469; prescribed burns within the Bird Farm Recreation Area and Turkey Creek Complex are not considered an exempted undertaking under the Fort Carson Built Environment PA; these areas are not included in the APEs for the Fort Carson Downrange PA. Section 106 consultation for these areas was completed in November 2015 (CHS #69200)

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-386 Building Improvements, Bldg 300 PCMS	PCM16-001	PCMS Cantonment	PC A2b	07/20/2016	
2016-389 Repair Railroad Track and Ballast, PCMS	PCM12-005	PCMS Cantonment	PC A2a PC A2b	07/21/2016	Undertaking has been previously reviewed under NEPA project number 2014-451
2016-399 Repair Three PCMS Waterlines	PCM16-024	PCMS Numbered TAs, & PCMS Lettered TAs	PC B4a2 PC C3a1	07/26/2016	Section 106 consultation is required for portions of the project; see Table 2 for more details
2016-412 Repair and Install Traffic Signs, PCMS.	PCM17-001	PCMS Cantonment, PCMS Numbered TAs, & PCMS Lettered TAs	PC A2b PC B4a2 PC C3a1	08/03/2016	
2016-429 Construct Concrete Pad, Bldg 301 PCMS	PCM12-006	PCMS Cantonment	PC A2a	08/16/2016	
2016-434 Provide Electricity to Bldg 290 PCMS	PCM16-025	PCMS Cantonment	PC A2a	08/19/2016	
2016-451 Integrated Training Area Management (ITAM) in TAs 2 and 7, PCMS	DPT16-023	PCMS Numbered TAs	PC B4b1	09/02/2016	
2016-452 Integrated Training Area Management (ITAM) in TA 7, PCMS	DPT16-024	PCMS Numbered TAs	PC B4b1	09/02/2016	
2016-456 Integrated Training Area Management (ITAM) Projects at PCMS and Fort Carson	DPT16-025	Downrange Fort Carson & PCMS Numbered TAs	FC D2a PC B4ba	09/02/2016	
2016-459 Integrated Training Area Management (ITAM) Projects at Fort Carson and PCMS	DPT16-028	Downrange Fort Carson & PCMS Numbered TAs	FC D2a PC B4b1	09/02/2016	



USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Exemption(s) Used	Date(s) Reviewed	Remarks
2016-475 Apply Dust Suppressant, PCMS	DPW17-010	PCMS Cantonment & PCMS Numbered TAs	PC A2b PC B4b2	09/12/2016	
2016-480 1-38IN Training Event, PCMS	n/a	PCMS Numbered TAs	PC B2	09/15/2016	
CF2016-043 576th Clearance Company Dig Request for PCMS	n/a	PCMS Numbered TAs	PC B3	06/27/2016	
CF2016-056 821st Contingency Response Group (CRG) Dig Request for PCMS	n/a	PCMS Cantonment	PC A1c	08/29/2016	

**Table 2. Non-Exempted Undertakings Requiring Section 106 Consultation**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date Reviewed	SHPO Number & Date Concurred	Remarks
2016-035 Underground Storage Tank (UST) Removal, Bldg 330 PCMS	PCM14-005	PCMS Cantonment	11/02/2015	CHS #69227 11/12/2015	No historic properties affected
2016-123 Invasive Species Treatment at Fort Carson and PCMS	DPW16-021	Post-wide	01/06/2016	HC #70402 07/05/2016	Section 106 consultation completed for portions of project area located on Fort Carson at Bird Farm Recreation Area, Scout Camp, Turkey Creek Complex, Haymes Reservoir, Townsend Reservoir, Wildlife Demonstration Area, and within historic properties; no adverse effects to historic properties for biological treatments, no chemical treatments to occur within historic properties
2016-126 Underground Storage Tank (UST) Removal, Bldg 340 PCMS	PCMS16-002	PCMS Cantonment	01/07/2016	HC #69518 01/21/2016	No historic properties affected
2016-399 Repair Three PCMS Waterlines	PCM16-024	PCMS Numbered TAs & PCMS Lettered TAs	07/26/2016		Section 106 consultation is required for those portions of the waterline located within historic properties. Section 106 consultation has not been initiated, waiting on more information.
2016-405 Removal of Five Underground Storage Tanks (USTs) at PCMS	PCMS16-002	PCMS Cantonment	07/27/2016		Project was cancelled before Section 106 consultation was initiated.

**Table 3. Other Non-Exempted Undertakings**

USAG Fort Carson NEPA Project Number(s) & Project Title	USAG Fort Carson Project Number(s)	Location (APE)	Date(s) Reviewed	Remarks
2016-002 FY16 Survey for and Abatement of Asbestos-Containing Materials & Lead-Based Paint at Fort Carson and PCMS	n/a	Post-wide	10/01/2015	Document review
2016-069 Pollution Prevention (P2) Plan Review	n/a	n/a	11/16/2015	Document review
2016-348 10 <sup>th</sup> Special Forces Group (SFG) Water Purification Training, PCMS	n/a	PCMS	06/14/2016	No potential to effect historic properties
2016-350 Review Environmental Battle Book	n/a	n/a	06/24/2016	Document review
2016-354 Review Programmatic Environmental Assessment (EA) for the Construction and Operation of Land-Based Solar Photovoltaic Renewable Energy Projects on Army Installations	n/a	n/a	06/20/2016	Document review; specific projects will be reviewed under Section 106 as they are proposed.
2016-388 HazWaste Contingency Plan Review	n/a	n/a	07/21/2016	Document review
2016-401 Review the HazWaste Management Plan 2016	n/a	n/a	07/26/2016	Document review
2016-447 Easement Renewal to San Isabel Electric Association, PCMS	n/a	PCMS	08/30/2016	No potential to effect historic properties
2016-448 Environmental Requirements Package Review for Post-wide Recycle and Refuse Service	n/a	n/a	08/30/2016	Document review
2016-488 FY17 Survey for and Abatement of Asbestos Containing Materials & Lead Based Paint at Fort Carson and PCMS	n/a	Post-wide	09/22/2016	Document review

**ENCLOSURE 2:  
PCMS PA TASK TRACKER  
(CURRENT AS OF SEPTEMBER 30, 2015)**

Stipulation	Action	Duration	Date Required	Remarks
I.A.1	GIS shapefiles and master site index provided to SHPO	90 days after signing	07/22/2014	Completed 07/21/2014 and again on 11/17/2014
I.A.2	Cultural resources documentation submitted to SHPO	180 days after signing	10/20/2014	Completed 04/02/2014
I.A.3	SHPO notifies USAG that information baseline has been created and request any missing information	1 year after completion of I.A.2	04/02/2015	Completed 01/05/2016
I.A.4	USAG and SHPO consult to address any data discrepancies	180 days after completion of I.A.3	07/05/2016	Completed 03/16/2016 (HC #63877); consult as needed on any data discrepancies that may arise.
I.A.4	Implement agreeable terms to reconcile discrepancies	3 years after completion of I.A.4 task above	TBD	Discrepancies have been agreeably reconciled per correspondence dated 03/16/2016 (HC #63877).
I.B	Complete documentation on needs data sites or implement a protection measure	3 years after signing	04/22/2017	<p>FY15: Final report and site documentation for 45 sites submitted to the SHPO on 09/13/2016.</p> <p>FY16: 76 sites contracted for re-evaluation in August 2015; as of 09/30/2016, fieldwork has been completed at 72 sites.</p> <p>FY17: 10 sites contracted for re-evaluation in August 2016.</p> <p>There are approximately 532 remaining to be protected or re-evaluated as funding becomes available.</p>
I.B.1	SHPO concurrence with NRHP eligibility determinations from re-evaluations	60 days after submission	<p>FY15: 11/13/2016</p> <p>FY16: TBD</p> <p>FY17: TBD</p>	
I.D	Continue consultation with Tribes concerning site protection, monitoring frequencies, and TCPs and sacred sites identification	Ongoing action	n/a	Consultation meeting was held January 26-27, 2016, at PCMS. In attendance were representatives from the Jicarilla Apache Nation, Southern Ute Tribe, Ute Indian Tribe, and Northern Cheyenne Nation.




Stipulation	Action	Duration	Date Required	Remarks
III.A	Implement site protection measures		04/22/2017	Approximately 240 protected sites have been physically marked with Seibert markers and/or fencing; this number is less than reported in FY15, since we have concurrences on numerous "needs data" sites. Corners of eligible sites in the numbered TAs are being marked as baseline monitoring is completed.
III.B	Propose amended site protection measures and monitoring frequencies	As needed	n/a	In development  Due to lessons learned since the implementation of the PCMS PA, need to standardize site protection measures and monitoring frequencies between this PA and FC Downrange PA.
III.D	Provided training vehicles/aircraft with means of knowing site locations	1 year after signing	04/22/2015	Working with the U.S. Army Geospatial Center to produce an updated digital map; anticipate completion date of December 2016.
IV.A	Monitored protected cultural properties	Ongoing action	n/a	FY15: Baseline monitoring completed at 150 sites.  FY16: Contract awarded in August 2015 for baseline monitoring at 150 sites and subsequent monitoring at 34 sites; as of 09/30/2016, baseline monitoring completed at 75 sites.  FY17: Contract awarded in August 2016 for baseline monitoring of 251 sites and subsequent monitoring at 34 sites; as of 09/30/2016, fieldwork has not been initiated.
V.A	Implement cultural awareness training of all personnel involved in the execution of undertakings	Annually	n/a	Cultural resources awareness training is part of the annual mandatory training for Soldiers, Civilians, and contractors.
VI.C	Annual meeting with consulting parties	Annually	NLT Feb. 15 <sup>th</sup>	Consultation meeting was held on January 6, 2016, at the Rawlings Public Library in Pueblo. In attendance were representatives from the Colorado SHPO, Colorado Preservation Inc., Colorado Council of Professional Archaeologists, History Colorado, Not 1 More Acre!, and Bent's Fort Chapter of the Santa Fe Trail Association.
VII.AG	Implement terms through policies and ICMRP	Ongoing action	n/a	The draft ICMRP was staffed to the SHPO, Tribes, and consulting parties for review in September 2016; review period ended 10/21/2016; currently addressing received comments.

**ENCLOSURE 3:**  
**CULTURAL RESOURCES AWARENESS TRAINING MATERIALS**

## **SOLDIERS' BRIEF**

## Cultural Resources Awareness Training for Soldiers




### Fort Carson Cultural Resources Management Program

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## Cultural Resources Management Program's Objectives

**Conserve and protect natural and cultural resources consistent with the military mission for present and future generations.**

- Maximize Army training opportunities through compliance with federal and state laws and regulations.
- Protect the significant heritage assets of all cultures who have occupied the areas of Fort Carson and the Pinon Canyon Maneuver Site (PCMS).
- Institute sustainable management practices regarding identification, evaluation, treatment, and protection of significant cultural resources.



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Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Resources can be thousands of years old, hundreds of years old, or from the more recent past

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## Examples Include...



- Rock art and carvings
- Archaeological sites
- Historic buildings, structures or objects
- Historic districts and landscapes
- Historic roads and trails
- Sacred sites and traditional cultural properties
- Human burials
- Artifacts
- Ruins

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## Fort Carson's Cultural Resources

**Fort Carson:**

- 2201 Cultural Resources
- 645 Prehistoric Archaeological Sites
- 194 Historic Archaeological Sites
- 73 Multi-component Archaeological Sites
- 1007 Isolated Finds
- 282 Buildings
- 2 Historic Architectural Districts
- 1 Rock Art District
- 1 (Potential) TCP
- 1 Sacred Site

**PCMS:**

- 6039 Cultural Resources
- 2991 Prehistoric Archaeological Sites
- 563 Historic Archaeological Sites
- 621 Multi-component Archaeological Sites
- 126 Unknown Affiliation Sites
- 1738 Isolated Finds
- 12 Historic Homestead Complexes
- 3 TCPs
- 5 Sacred Sites



Complex and Simple Habitation Sites  
Temporary Field Camps  
Stone Artifact Scatters/Quarry Locations  
Food Procurement/Processing Sites  
Rock Art Panels (Prehistoric & Historic)  
Historic Ranches/Farmsteads  
Military Construction (1942-Present)  
Stage Station/Mail Route Remnants  
Small Mining Operations

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### Why is it Important to Protect Cultural Resources?

- They provide information regarding **our** heritage, **our** practices, and **our** beliefs.
  - Contributes to **our** sense of place and identity
- These areas may have profound religious and spiritual significance to Native American tribes and other ethnic groups.
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices.
- As a non-renewable resource – once destroyed, it can never be restored.
  - This is why it is important to document cultural resources before they are irrevocably lost!
- It is **our** duty, as the manager of publicly-owned land, to be good stewards – ensuring compliance with all environmental and cultural laws and regulations.

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### How Can You Help Protect and Preserve Cultural Resources?

#### DO:

- Coordinate land use with Range Operations to ensure you are in an approved area.
- Obey maneuver damage, environmental and cultural resources protection policies and procedures.
- Observe posted signs, fencing, and Seibert marking indicating restricted areas that may be off-limits to vehicles, digging, bivouacking or other activities.
- Report any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).
- Stay vigilant!

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### How Can You Help Protect and Preserve Cultural Resources?

#### DON'T:

- Collect any artifacts, including arrowheads and bottles.
- Disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- Lean against, sit on, or step on rock mounds, rock walls, ruins or other cultural features.
- Touch or deface rock art.
- Trespass in historic structures.

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### If you find artifacts, bones, or other cultural items...

## STOP WORK IMMEDIATELY

- Flag a protective buffer around the location of the discovery.
- Report the discovery to:
  - Fort Carson Range Operations (719-526-5698) or PCMS Range Operations (719-503-6130); and/or
  - Fort Carson CRM (719-526-4484) or PCMS Archaeologist (719-503-6136)
- You will be notified when you can proceed.

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### What is the Harm in Taking a Souvenir?

CHARLES V. MC MANUS • CARL L. PALMER • DONALD L. REED JR. • DONALD B. RODDY • JAMES D. SMITH • ROBERT L. STOKES • ROBERT E. TAFT • RICHARD T. TERRY • RICHARD L. WARD JR. • REGINALD A. WATKINS • ALEXANDER E. DICTO P. BAYRON • CALVIN B. KNOTT • RICHARD L. C. DELACY • JOHN C. ELZY III • LUTHER V. GILBERT • TOMMIE KEETON • BILLY M. KNIGHT • HEAVY A. ANDERSON • BILLY J. TALLEY • OSVALDO AMODIAS • CHARLIE ANDERSON JR. • DONALD A. BARNES • RIMMIE W. BARTON • ROBERT P. BEMBRY • CLARENCE V. BEVERHOLDT • D. J. SNYDER • P. BEMBRY • ROY H. BOWLING • THOMAS G. BOWLING • F. BOREN • ROY H. BURTON JR. • EMMA L. BURRY • T. BURRITT • WILLIAM R. COOKS • FRANCIS L. COOKS

If every person who visited the Vietnam Memorial decided to take one name off as a souvenir, eventually there would be nothing left.

The same is true with archaeological sites. If everyone who visited a site took an arrowhead or bottle, eventually there would be nothing left that would give us information about the people who lived there. **OUR HERITAGE WOULD BE LOST!**

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### What's Wrong with this Picture?



Seriously...where's the harm in leaving your legacy somewhere?

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## Another Reason for Protecting Cultural Resources...

# BECAUSE IT'S THE LAW!

- National Historic Preservation Act
- Archaeological Resources Protection Act
- Native American Graves Protection and Repatriation Act
- American Antiquities Act of 1906
- American Indian Religious Freedom Act
- And more...

And some of these laws, such as the Archaeological Resources Protection Act, carry criminal and civil penalties.

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## Archaeological Resources Protection Act

- Knowingly damaging an archaeological resource is a violation of the Archaeological Resources Protection Act (ARPA)
- ARPA carries up to \$100,000 fine AND 1 year in jail for 1<sup>st</sup> offense

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## Where Can You Learn More?

### Integrated Cultural Resources Management Plan (ICRMP)

- The ICRMP is a Fort Carson-specific tool for the management of cultural resources
  - Outlines program obligations, goals, priorities, and Standard Operating Procedures (SOPs)
- Contains information pertinent to your job
  - SOP for Mission Training of Military and Tenant Personnel
  - SOP for Inadvertent Discovery of Cultural Materials
- Where can it be found?
  - [www.carson.army.mil/DPW/NEPA.html](http://www.carson.army.mil/DPW/NEPA.html)

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## POCs

Pam Miller	Jen Kolise
Cultural Resources Manager	PCMS Archaeologist
719-526-4484	719-503-6136
<a href="mailto:pamela.k.miller26.civ@mail.mil">pamela.k.miller26.civ@mail.mil</a>	<a href="mailto:jennifer.r.kolise.civ@mail.mil">jennifer.r.kolise.civ@mail.mil</a>

## THANK YOU FOR YOUR SUPPORT IN PRESERVING OUR CULTURAL HERITAGE!

Committed to environmental stewardship while enabling military training and mission readiness in support of the men and women of our armed forces.

## **CULTURAL RESOURCES FACT SHEET**

## PRESERVATION

How can you help protect and preserve cultural resources?

- Coordinate land use with Range Operations to ensure that you are in an approved area
- Obey maneuver damage, environmental and cultural resources protection policies and procedures
- Observe posted signs, fencing, and Seibert marking that indicate restricted areas, which may be off-limits to vehicles, digging, bivouacking, or other activities
- Do not collect artifacts, including arrowheads and bottles
- Do not disturb stone circles, rock mounds, ruins or other cultural features
- Do not touch or deface rock art
- Do not trespass in historic structures
- Report any signs or looting, graffiti, or other damage to a cultural site
- No graffiti anywhere, anytime



*Graffiti, as seen in the photograph above, can irreparably harm the integrity of a site. There is no way to remove the graffiti without doing further damage to the site.*

## PROTOCOL

What is the proper protocol to follow if buried artifacts, bones, or other cultural items are found during training, construction, or ground disturbing activities?

### **STOP WORK IMMEDIATELY**

- Flag a protective buffer around the location of the discovery
- Report the discovery to either:
  - Fort Carson/PCMS range Operations staff
  - Fort Carson Cultural Resources Manager/PCMS Archaeologist



## CONTACT

Fort Carson Cultural  
Resources Manager ..... 719-526-4484

Fort Carson  
Range Operations ..... 719-526-5898

PCMS  
Archaeologist ..... 719-503-6136

PCMS  
Range Operations ..... 719-503-6130

**Thank You for Your Support in Preserving Our  
Cultural Heritage!**

## CULTURAL RESOURCES FACT SHEET:

### **FORT CARSON AND PINON CANYON MANEUVER SITE**



# USAG FORT CARSON CULTURAL RESOURCES FACT SHEET

## What are Cultural Resources?

- Non-renewable remnants of past human activities that have cultural or historical value and meaning to a group of people or a society
- Can be thousands of years old, hundreds of years old or from the more recent past
- Examples include:
  - Rock art and carvings
  - Archaeological sites
  - Historic buildings, structures or objects
  - Historic roads and trails
  - Sacred sites and traditional cultural properties (TCPs)
  - Human burials
  - Artifacts
  - Ruins



## What Types of Cultural Resources are Found on Fort Carson Lands?

Over 2,200 archaeological and historical sites at Fort Carson and over 6,000 archaeological and historical sites at Pinon Canyon Maneuver Site have been recorded and evaluated for the National Register of Historic Places.

### Prehistoric sites:

Petroglyphs and pictographs (i.e. rock art and carvings); stone circles, tipi rings and cairns; open camp sites; stone artifact scatters; rock shelters; quarry pits



### Historic sites:

Trail ruts; rock inscriptions; homestead and ranch complexes; historic dumps and trash scatters; WWII and Cold War-era cantonment buildings



## Why is it Important to Protect Cultural Resources?

- Cultural resources provide information regarding our heritage, our practices, and our beliefs
  - Contributes to our sense of place and identity
- Cultural sites can have profound religious and spiritual significance to Native American tribes and other ethnic groups
- Sacred Native American sites are rooted in the history of their people and maintain the continuity of traditional beliefs and practices
- By preserving, protecting and respecting cultural resources, you ensure these resources are available for future generations
  - Non-renewable resource—once destroyed, can never be restored
- It is our duty as the land manager to be good stewards, ensuring compliance with all environmental and cultural laws and regulations

### IT'S THE LAW!

Violation of cultural resources protection law will result in civil and criminal penalties, monetary fines, and possible imprisonment.

**DOS AND DON'TS POCKET CARD**



**Front Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DOs”**

- 1) **DO** coordinate land use with Range Operations ensure that you are in an approved area.
- 2) **DO** obey maneuver damage, environmental and cultural resource protection policies and procedures.
- 3) **DO** observe posted signs, fencing, and Seibert marking, indicating restricted areas that may be off-limits to vehicles, digging, bivouacking, or other activities.
- 4) **DO** report any signs of looting, vandalism, or other damage to a cultural site to Range Operations and/or the Cultural Resources Manager (CRM).
- 5) If artifacts, bones, or other cultural items are found, **DO** flag a protective buffer around the location and **DO** report the discovery to Range Operations and/or the CRM.

***Thank you for your support in preserving OUR cultural heritage!***

**Back Side of Pocket Card:**

**Fort Carson Cultural Resources Program “DON'Ts”**

- 1) **DON'T** collect artifacts, including arrowheads and bottles.
- 2) **DON'T** disturb stone circles, rock mounds, ruins, or other cultural features, including using stones from cultural features to create defensive positions or resting areas.
- 3) **DON'T** lean against, sit or step on rock mounds, rock walls, ruins, or other cultural features.
- 4) **DON'T** touch or deface rock art.
- 5) **DON'T** trespass in historic structures.
- 6) **NO** graffiti anywhere, anytime.

***Call the Cultural Resources Program at 526-4484 or 503-6136 with any questions!***

**ENVIRONMENTAL PROTECTION OFFICER (EPO) COURSE**

**Attachment 2-A**

## CULTURAL RESOURCES MANAGEMENT



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## EPO COURSE MODULE OBJECTIVES

2

Teach U. S. Army soldiers, DA civilians, and contractors how to appropriately deal with cultural resources

Demonstrate how stewardship of cultural resources facilitates the U. S. Army mission in a sustainable manner

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## THE OBJECTIVE OF THE CULTURAL RESOURCES MANAGEMENT PROGRAM IS . .

3

- ...to maximize the training opportunities of the U. S. Army, while ensuring compliance with federal regulations.
- ...to protect Soldiers and civilian employees from litigation and financial loss.
- ...to protect the cultural heritage of all people who have lived in the areas encompassed by Fort Carson and the Pinon Canyon Maneuver Site, now under the Army's stewardship.
- ...to institute historic preservation practices regarding documentation, renovation, and rehabilitation of significant cultural resources.

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## WHAT ARE CULTURAL RESOURCES?

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The Fort Carson Cultural Resources Management Program manages two types and three grades of resources on Army land:

**Artifacts:** Small, portable objects (arrowhead, silver dollar)

**Features:** Non-portable objects (building, fire pit, foundation, tipi ring, rock art panel)

**Sites:** More than 4 artifacts; a temporally or functionally diagnostic artifact with one or more additional artifacts or features; any feature or structure


**Isolated Finds:** 4 or fewer artifacts, or only one item that is diagnostic

**Districts:** A group of buildings, properties, or sites that are historically or prehistorically significant. Districts greatly vary in size, some with hundreds of structures and others with just a few.

**Significant/Protected:** A district, site, building, structure, or object of particular value to archaeology/history, that has the potential for inclusion in the National Register of Historic Places (NRHP) is determined to be "eligible" or "needs data" through consultation with the State Historic Preservation Officer (SHPO), Native American Tribes, and other consulting/interested parties.

**Not Significant:** A site, building, structure, or object that is "not eligible" for inclusion in the NRHP, also determined through consultation.

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## WHAT DO WE HAVE?

5

**Archaeological Sites and Isolated Finds**

- Fort Carson = 2,203
- PCMS = 6,039

**Native American**

- From Clovis (11,500 years old) and Folsom (10,950 years old) periods through recent times (1860s +)

**Euro- and Anglo-American**

- Homesteading, cattle ranching, mining (1840s +)


**Hispanic American (PCMS)**

- Plaza settlements, sheep ranching (1800s +)

**Wagon Trails and Stage Lines**

- Santa Fe Trail and Barlow, Sanderson and Company mail route

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## FEATURE - APISHAPA STRUCTURE

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# FEATURE - ROCK ART



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# SITE - LA PLACITA SETTLEMENT



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# SITE - BROWN'S SHEEP CAMP



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# DISTRICT - INCINERATOR COMPLEX



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# COULD IT BE A PROTECTED RESOURCE?



Yes / No



Yes / No



Yes / No



Yes / No



Yes / No



Yes / No

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# WHEN YOU FIND CULTURAL RESOURCES, WHAT SHOULD YOU DO?



## Leave them alone !!

- Archaeology = Spatial Analysis
- Residue Analysis
- Acceleration of Erosion
- Prevents physical damage
- It's the law
- It's sustainability
- Sites are often larger than the visible artifact spread

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## SCENARIO 1: FORT SILL TRAINING SERVICES CENTER WAREHOUSE

### Comanche Nation vs U.S. Army



The Comanche Nation was granted a temporary restraining order by a federal judge, claiming it was not officially consulted by Fort Sill concerning the construction of a Training Services Center Warehouse. Medicine Bluff was added to the National Register of Historic Places in 1974.

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## SCENARIO 2: ROCK ART AND GRAFFITI

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Defacing any type of government property is unlawful and constitutes a violation of the Archaeological Resources Protection Act – YOU CAN BE PROSECUTED!

Rock art and other archaeological sites are routinely inspected by law enforcement and Cultural Resources Program staff.

All sites are documented, photographed, and changes noted and reported.

**DO NOT ADD GRAFFITI... THAT IS SCRATCH, PECK, PAINT, OR CHALK ON STONE SURFACES OR HISTORIC BUILDINGS!!!!**



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## STAY AWAY FROM STRUCTURES!

Do not operate vehicles within 100 meters of standing historic structures; helicopter landing restricted within a 150 meters.

Do not damage historic structures by camping in or near them or training in close vicinity.

Do not hover over protected properties.

Do not disturb prehistoric or historic materials on a site.



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## SIGNS, SIGNS, EVERYWHERE ARE SIGNS...



	Off Limits	Limited Use Area	Restricted Area	Siebert Marked
Vehicles allowed	No	Only on roads	Only on roads	No
Training allowed	No	Dismounted only	Dismounted only; prebriefing required	Dismounted only
Digging allowed	No	None	No	No

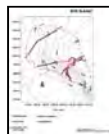
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## WHEN ARCHAEOLOGICAL SITES ARE DAMAGED, WHAT HAPPENS?

Damage is documented and mapped, and when serious enough, the site may require testing or mitigation.

Responsible units or directorates will have to pay for any testing and mitigation from their funds.



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## CULTURAL RESOURCES ARE . . .

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...not renewable – once destroyed, they are gone forever, along with any information they could have revealed.

...being destroyed by natural processes – do not accelerate this phenomenon.

...very diverse culturally (ethnicity, gender, religion) and cover a tremendous time range (at least 11,500 years).

...part of a natural training environment – wherever the Army goes, there will be houses, shelters, corrals, etc.

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## CULTURAL RESOURCES AWARENESS DURING TRAINING

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Treat fenced areas as though they are minefields, NBC hazards, mosques, etc.

Treat historic corrals and fences as you would treat corrals and fences of friendly forces in the theater of operations.

Respect houses as you would respect those of our allies – do not steal from them!

DO NOT mark, carve, peck, move, or otherwise impact natural or cultural resources, rock art, etc.!!!!

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## NOT JUST MANAGEMENT - IT IS ALSO THE LAW!

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### National Historic Preservation Act (NHPA)

- requires all federal agencies to identify and protect cultural resources through Sections 110 and 106.

### Archaeological Resources Protection Act (ARPA)

- requires artifacts and collections be housed and maintained by state or federally-permitted authorities only.
- prohibits artifact collection on federal property.

### Native American Graves Protection and Repatriation Act (NAGPRA)

- requires consultation with Native American tribes when human remains or special artifacts are recovered.

### 36 CFR 79, *Curation and Management of Federally-owned and Administered Archaeological Collections*

- Sets standards for curating artifacts and archaeological collections.

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## ...BY LAW, REGULATION, POLICY

### American Indian Religious Freedom Act (AIRFA)

- Protects Native American religious freedom and access to sites with religious significance.

### Executive Order 13007, Indian Sacred Sites

- States the government will (1) accommodate access to and ceremonial use of Indian sacred sites by Indian religious practitioners, and (2) avoid adversely affecting the physical integrity of such sacred sites. Numerous other orders and policies define working within a government-to-government relationship.

### Army Regulation 200-1, *Army Environmental Protection and Enhancement*

- Chapter 6 pertains to the identification, management, and protection of cultural resources.

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## TRAINING AND PROJECT REVIEW PROCESS

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As part of the Army's planning process for projects and training at Fort Carson and the Pinon Canyon Maneuver Site, Cultural Resources Program staff must review the activity in accordance with Section 106 of the National Historic Preservation Act (NHPA), to identify cultural resources that may be affected and work to avoid, minimize, or mitigate for any impacts.

Section 106 consultation is a component of the NEPA review process for projects with a potential to impact significant cultural resources. Section 106 consultation involves the following:

1. Receive work order through NEPA program.
2. Cultural review of project and response to NEPA program.
3. As needed, initiate Section 106 consultation with State Historic Preservation Officer (SHPO), Native American Tribes, and other Fort Carson Stakeholders (30 day review period as dictated by law).
4. Notification of comments and/or concurrence to NEPA and proponent.

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## PALEONTOLOGICAL RESOURCES

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There are ongoing efforts to enact laws mandating similar protection for paleontological resources. Treat them as though they are fully protected – be proactive!!



Mosasaur



Ichthyosaur

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## CONTACT INFORMATION

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Secure the area in order to prevent or minimize damage.

Contact the DPW-ED Cultural Resources Management Program:

- Pam Miller (Program Manager) 719-526-4484
- Mark Owens (Lead Archaeologist) 719-526-3806
- Betty Whiting (Historic Preservationist) 719-526-3796

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**IN CONCLUSION, LET'S WORK TOGETHER!**

*The Fort Carson Cultural Resources Management Program exists to help you, to protect you, to protect the U. S. Army, to preserve and manage our rich cultural resources, and to help prepare our soldiers for any possible mission – this effort requires a group that cooperates.*

*The Program's strategic practices are accomplished by proactively identifying, evaluating, protecting, and mitigating significant cultural resources. In this way, we can preserve the heritage and traditions of those who have affiliations with the lands and cultures that are under Fort Carson's stewardship.*

*Success can only be achieved if we work as a team!!*

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**ENCLOSURE 4:**  
**REVISED PCMS PA APPENDIX 2**  
*(Note: Enclosure 4 has been removed from public versions)*