

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

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| Project Title: ARCHEOLOGICAL SURVEY of POWERLINE ROUTE FORT LARAMIE NATIONAL HISTORIC SITE |
| Type of Project: Technical Assistance |
| Funding Agency: National Park Service, Fort Laramie NHS |
| Effective Dates: September 1, 2002 - May 30, 2004 |
| Funding Amount: \$8100 |
| Investigators and Agency Representative: UNIVERSITY CONTACT: Dr. Danny Walker (PI), University of Wyoming, dnwalker@uwyo.edu , 307-766-5565 NPS CONTACT: Reed Robinson, Fort Laramie NHS, reed_robinson@nps.gov , 307-837-2221 |
| Project Abstract: Provide a Class III Cultural Resource Inventory of the proposed underground electrical cable route, to parallel the existing powerline pole route (700 feet long). a. The survey will be conducted using metal detectors, walking parallel transects along the length of the right-of-way for up to 5 meters on either side of the centerline (the existing powerline poles) for the route. All metal detector "hits" will be excavated to determine their origin (historic or modern metal artifacts). Once "hits" are made along the transects, detailed metal detecting will be conducted in the vicinity, to completely record all metal around each locality. b. Once historic artifacts are identified, their precise location will be mapped with a transit or total station (depending on availability) to examine the spatial relationships of the located artifacts. This survey procedure should result in locating all historic artifacts (and their spatial relationships) that would be impacted by the subsurface trenching for the electric line. c. Any subsurface features that might be revealed during the field project will be investigated to determine their origin and function. Provide for an archaeological monitor of the actual trenching for the powerline, to make sure no subsurface features still are present within the project area. |
| Outcomes with completion dates: a. map showing spatial relationships of all historic artifacts recovered, relative to the project centerline, existing powerpoles, and other modern and historic features in the vicinity. The mapping will be coordinated with the existing archaeological grid established at Fort Laramie National Historic Site in 1994 and used consistently since then on all archaeological projects. b. end of field work report summarizing the field findings. c. final project report to be submitted after curation, cataloging, and analysis of the recovered artifacts. |
| Keywords: Fort Laramie National Historic Site, cultural resource inventory, archeology |
| <i>For Administrative use only:</i> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i> |

