

HOUGHTON ROAD CORRIDOR TUCSON, ARIZONA

PRELIMINARY ARCHAEOLOGY RECORDS AND LITERATURE REVIEW

Prepared for

Arizona State Land Department

Task I-C-4 & I-C-4.1 Deliverable

UPP No. 47-111563

June 19, 2008



101 North First Avenue, Suite #3100
Phoenix, AZ 85003-1902
Phone: 602-253-1200
Fax: 602-253-1202

June 19, 2008

Mr. Steve Ross, Cultural Resources Manager
Arizona State Land Department
1616 W. Adams
Phoenix, Arizona 85007

RE: Houghton Road Corridor (Urban Planning Permit No. 47-111563)
Task I-C-4 / Preliminary Archaeology
Subtask I-C-4.1 / Records and Literature Review
Jacobs Letter Report 2008-009

Dear Mr. Ross:

This letter serves to summarize the results of Jacobs' class I inventory for the referenced project. As a background, the Westcor Company II Limited Partnership (Westcor) is proposing a master planned community, referred to as the Houghton Road Corridor Project, involving approximately 12,000 acres of Arizona State Trust Land under the administration of the Arizona State Land Department (ASLD). The project area, hereafter referred to as the "Plan Area," is located in Tucson, Pima County, Arizona. (Figure 1) The current class I inventory is for the entire 12,000 acres, and a surrounding one-mile radius to identify previously recorded sites and areas that have previously been subjected to class III cultural resources survey. This letter report provides a summary of the results of this inventory.

The Houghton Road Corridor Project may require ASLD and Westcor to obtain a permit from the United States Army Corps of Engineers in compliance with Section 404(b)(1) of the Clean Water Act. If this federal permit is necessary, the project would be considered to be a federal undertaking that is subject to 36 CFR § 800, the regulations implementing the National Historic Preservation Act. This class I inventory is also intended to support ASLD compliance with the State Historic Preservation Act (A.R.S. §§ 41-861 through 41-865), and the Arizona Antiquities Act (A.R.S. §§ 41-841 through 41-847).

This records and literature review involved research at the following repositories:

- The Arizona State Historic Preservation Office.
- The Arizona State Museum.
- The AZSITE on-line cultural resources database.
- The Arizona State Land Department Lease Records.
- The Bureau of Land Management Phoenix Information Access Center (General Land Office maps).

The results of the class I inventory completed by Jacobs indicate that there are 61 known cultural resource sites within or partially within the project area. These consist of:

- 38 prehistoric Hohokam roasting pits, most with an associated artifact scatter
- 5 prehistoric or possibly prehistoric rock features / roasting pits
- 2 prehistoric Archaic artifact scatters

- 2 prehistoric lithic procurement sites
- 2 prehistoric agricultural sites
- 2 historic road alignments
- 2 historic natural gas lines
- 1 prehistoric Hohokam camp
- 1 prehistoric Hohokam artifact scatter
- 1 prehistoric flaked stone scatter and historic artifact scatter
- 1 historic Euroamerican and O'odham artifact scatter
- 1 historic building foundation and associated artifact scatter
- 1 historic communication line
- 1 historic railroad station
- 1 abandoned historic railroad grade.

Of the 61 sites, 26 have previously been recommended or determined to be eligible for inclusion in the Arizona and National Registers of Historic Places (A/NRHP), which according to Section 106, makes them "historic properties." It is recommended that all historic properties that would be adversely affected by the Houghton Road Corridor Project be subjected to archaeological data recovery. It is further recommended that all unevaluated sites that would be adversely affected by the proposed project be reassessed and, if necessary, subjected to testing to evaluate their eligibility for inclusion in the A/NRHP. No further work is recommended for cultural resource sites that have already been determined not eligible by the State Historic Preservation Office (SHPO).

Table 1 below lists the 61 sites within or partially within the project area, along with their A/NRHP eligibility status. Descriptions and locations of all of the previously recorded sites identified by the class I survey of the project area and a surrounding one-mile radius are provided in Table A and Figures 2a–2e, attached to this letter.

Table 1. Cultural Resource Sites within the Plan Area.

Site Number	Site Type	A/NRHP Eligibility Status
AZ AA:12:875 (ASM)	Historic El Paso Natural Gas Line #1007	Determined eligible (SHPO 2004)
AZ AA:12:928 (ASM)	Historic El Paso Natural Gas Line #1008	Determined not eligible (SHPO 1999)
AZ BB:13:112 (ASM)	Archaic Lithic scatter	Not evaluated (SHPO 2000)
AZ BB:13:171 (ASM)	Hohokam artifact scatter	Not evaluated (SHPO 2000)
AZ BB:13:327 (ASM)	Hohokam roasting pits and plainware sherds	Not evaluated (SHPO 2000)
AZ BB:13:328 (ASM)	Prehistoric roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:329 (ASM)	Hohokam roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:330 (ASM)	Hohokam roasting pits and artifact scatter	Not evaluated (SHPO 2000)

Site Number	Site Type	A/NRHP Eligibility Status
AZ BB:13:331 (ASM)	Hohokam roasting pits and artifact scatter (Preclassic and Classic periods)	Not evaluated (SHPO 2000)
AZ BB:13:332 (ASM)	Historic foundation and artifacts	Not evaluated (SHPO 2000)
AZ BB:13:333 (ASM)	Hohokam roasting pits and artifact scatter (Sedentary period)	Not evaluated (SHPO 2000)
AZ BB:13:334 (ASM)	Hohokam roasting pits	Not evaluated (SHPO 2000)
AZ BB:13:335 (ASM)	Prehistoric roasting pits	Not evaluated (SHPO 2000)
AZ BB:13:336 (ASM)	Hohokam roasting pits and artifact scatter	Not evaluated (SHPO 2000)
AZ BB:13:337 (ASM)	Hohokam roasting pit and artifact scatter	Determined not eligible (SHPO 2001)
AZ BB:13:338 (ASM)	Hohokam roasting pits and flaked stone scatter	Determined not eligible (SHPO 2000)
AZ BB:13:339 (ASM)	Hohokam roasting pits and flaked stone scatter	Determined eligible (SHPO 2000)
AZ BB:13:350 (ASM)	Hohokam roasting pit and flaked stone scatter	Not evaluated (SHPO 2000)
AZ BB:13:351 (ASM)	Hohokam roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:352 (ASM)	Hohokam roasting pits and artifact scatter	Not evaluated (SHPO 2000)
AZ BB:13:353 (ASM)	Hohokam roasting pits	Not evaluated (SHPO 2000)
AZ BB:13:354 (ASM)	Hohokam roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:355 (ASM)	Hohokam roasting pits and two lithics	Not eligible (SHPO 2000)
AZ BB:13:356 (ASM)	Hohokam roasting pits	Not evaluated (SHPO 2000)
AZ BB:13:357 (ASM)	Hohokam roasting pit and a flake	Not evaluated (SHPO 2000)
AZ BB:13:358 (ASM)	Hohokam roasting pits and artifact scatter (Classic period)	Not evaluated (SHPO 2000)
AZ BB:13:359 (ASM)	Historic Euroamerican and O'odham artifact scatter	Not evaluated (SHPO 2000)
AZ BB:13:360 (ASM)	Hohokam roasting pits	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:361 (ASM)	Hohokam roasting pits and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:362 (ASM)	Hohokam roasting pits	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:363 (ASM)	Hohokam roasting pits and artifact scatter	Determined eligible, Criterion D (SHPO 2000)

Site Number	Site Type	A/NRHP Eligibility Status
AZ BB:13:364 (ASM)	Hohokam roasting pits	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:365 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:366 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:367 (ASM)	Archaic camp and artifact scatter (Late Archaic period)	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:368 (ASM)	Hohokam possible roasting pits and artifact scatter (Preclassic and Classic periods)	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:369 (ASM)	Hohokam roasting pits and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:370 (ASM)	Hohokam roasting pits	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:371 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:372 (ASM)	Hohokam roasting pit and artifact scatter	Determined not eligible (SHPO 2000)
AZ BB:13:375 (ASM)	Hohokam roasting pit and flaked stone scatter	Not evaluated (SHPO 2000)
AZ BB:13:376 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:377 (ASM)	Hohokam roasting pits and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:378 (ASM)	Hohokam roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:379 (ASM)	Hohokam roasting pit	Not evaluated (SHPO 2000)
AZ BB:13:380 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:381 (ASM)	Hohokam roasting pit	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:382 (ASM)	Historic Esmond Railroad station (1880s)	Not evaluated (SHPO 2000)
AZ BB:13:418 (ASM)	Prehistoric lithic procurement site	Recommended to need testing
AZ BB:13:655 (ASM)	Hohokam camp and artifact scatter	Recommended eligible, Criterion D
AZ BB:13:662 (ASM)	Prehistoric lithic procurement locale	Determined eligible, Criterion D (SHPO 2000)

Site Number	Site Type	A/NRHP Eligibility Status
AZ BB:13:663 (ASM)	Prehistoric rock cluster and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:664 (ASM)	Prehistoric flaked stone scatter / Historic artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:665 (ASM)	Prehistoric agricultural terrace and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ BB:13:667 (ASM)	Possible prehistoric rock piles	Determined not eligible (SHPO 2000)
AZ BB:13:725 (ASM)	Old Vail Road	Recommended not eligible
AZ BB:13:726 (ASM)	Historic Communication Line (possibly the Western Union Telegraph line)	Recommended not eligible
AZ BB:14:73 (ASM)	Hohokam agricultural fields	Not evaluated
AZ BB:14:678 (ASM)	Prehistoric rock features and artifact scatter	Determined eligible, Criterion D (SHPO 2000)
AZ FF:9:17 (ASM)	Historic State Route 80	Determined eligible, Criterion D (SHPO 2002)
AZ Z:2:40 (ASM)	Southern Pacific Railroad (abandoned)	Recommended eligible, Criteria A, C, and D

Conclusions and Recommendations

Jacobs' class I inventory results indicate that there are approximately 6,448 acres of land that have not been previously subjected to a class III cultural resources survey; this portion of the Plan Area will require survey. In addition, there are approximately 4,685 acres of land within the Plan Area that were surveyed prior to 1999. Because the Arizona State Museum (ASM) Site Definition Policy was revised in 1995 (see Fish 1995), and based on the SHPO Position on Relying on Old Archaeological Survey Data (SHPO Guidance Point No. 5, April 20, 2004), those survey reports from 1998 and earlier may not be considered adequate by current standards. Therefore, these 4,685 acres may need to be re-surveyed. It is recommended that the next step would be to survey the 6,448 un-surveyed acres within the Plan Area and to discuss with ASLD the adequacy of the pre-1999 surveys. Table B is an enclosure that provides previous survey information for the Plan Area and a surrounding one-mile radius. This information is also depicted on the enclosed Figures 3a–3e.

Following survey of the Plan Area, the next steps in the process would be to assess any unevaluated sites within the Plan Area to determine whether they are eligible for inclusion in the A/NRHP. This may require A/NRHP testing at some of the sites that cannot be evaluated based on surface data alone. A treatment plan would then need to be developed for data recovery at all historic properties within the Plan Area that would be adversely affected by the Houghton

Road Corridor Project. No further work is recommended for cultural resource sites that have already been determined not eligible by the SHPO.

Please let me know if you have any questions or comments regarding this information (602.650.4976).

Sincerely,



Laurene Montero, Manager
Cultural Resources/Archaeology

Enclosures

1. Figure 1. Houghton Road Plan Area.
2. Figures 2a–2e. Plan Area showing previously recorded cultural resource sites within a one-mile radius.
3. Figures 3a–3e: Plan Area showing previously conducted cultural resource investigations within a one-mile radius.
4. Table A. Previously recorded sites within a one-mile radius of the Plan Area.
5. Table B. Previously conducted cultural resource investigations within a one-mile radius of the Plan Area.
6. References cited.