1. REPORT TITLE
   1a. Report Title: Cultural Resources Survey, Valencia Road Widening Project, Wade Road to Ajo Highway, Pima County, Arizona
   1b. Report Author: Scott O’Mack
   1c. Date: August 2016
   1d. Report No.: 16-567

2. PROJECT REGISTRATION/PERMITS
   2a. ASM Accession Number: 2016-0302
   2b. AAA Permit No.: 2016-035bl
   2c. ASLD Lease Application Number: Not applicable (N/A)
   2d. Other Permit Number: Bureau of Land Management (BLM) AZ-000548

3. ORGANIZATION/CONSULTING FIRM
   3a. Name: EcoPlan Associates, Inc. (EcoPlan)
   3b. Internal Project Number: 16-567
   3c. Internal Project Name: Valencia Road: Wade Road to Ajo Highway
   3d. Contact Name: Scott O’Mack
   3e. Contact Address: 78 W. Cushing St., Tucson AZ 85701
   3f. Contact Phone: (520) 624-4326, ext. 166
   3g. Contact Email: somack@ecoplanaz.com

4. SPONSOR/LEAD AGENCY
   4a. Sponsor: Pima County Department of Transportation
   4b. Lead Agency: BLM
   4c. Agency Project Number: Pima County Project No. 4RTVWE
   4d. Agency Project Name: Valencia Road: Wade Road to Ajo Highway
   4e. Funding Source: Pima County Department of Transportation
   4f. Other Involved Agencies: N/A
   4g. Applicable Regulations: National Historic Preservation Act, Arizona Antiquities Act

5. DESCRIPTION OF PROJECT OR UNDERTAKING: The Pima County Department of Transportation plans to widen Valencia Road from Wade Road to Ajo Highway (State Route 86). This project consists of widening approximately 2.75 miles of Valencia Road from an existing two-lane roadway to a four-lane parkway in compliance with applicable regulations.
with the Regional Transportation Authority regional transportation plan. The new roadway will be divided by a raised median, with two travel lanes in each direction, turning lanes, bicycle lanes, and pedestrian facilities.

The purpose of the intensive pedestrian (Class III) cultural resources survey reported here was to identify cultural resources within the area of potential effects (APE), assess the eligibility of identified resources for listing in the National Register of Historic Places (NRHP) in accordance with 36 Code of Federal Regulations 60.4, and make a recommendation concerning the potential effect of the proposed undertaking on resources listed in or eligible for listing in the NRHP.

6. **PROJECT AREA/AREA OF POTENTIAL EFFECTS:** The Valencia Road widening project will be restricted largely to the existing Valencia Road right-of-way (ROW) between Wade Road on the east and Ajo Highway on the west. The length of this segment of the ROW is 3.25 miles (5.23 km); the width varies from 150 to 200 feet (46 to 61 m). The APE also includes a portion of the existing ROW of a minor cross street (Vahalla Road) and small areas along the Valencia Road ROW where ancillary drainage features will be constructed (see Figure 19b).

7. **PROJECT LOCATION**

   7a. **Address:** N/A

   7b. **Route:** N/A

   7c. **Milepost Limits:** N/A

   7d. **Nearest City/Town:** Tucson (3 miles east)

   7e. **County:** Pima

   7f. **Project Locator UTM:**

      486736m Easting

      3555209m Northing

   7g. **NAD:** 83

   7h. **Zone:** 12

   7i. **Meridian and Base Line:** Gila and Salt River

   7j. **USGS Quadrangles:** Cat Mountain, Brown Mountain

   7k. **Legal Description:**

      T15S, R11E, S12, SE¼ of SE¼; T15S, R11E, S13, NE¼ of NE¼; T15S, R12E, S7, S½ of S½; T15S, R12E, S8, S½ of S½; T15S, R12E, S9, S½ of S½; T15S, R12E, S16, N½ of N½; T15S, R12E, S17, N½ of N½; T15S, R12E, S18, N½ of N½
8. **SURVEY AREA**

8a. **Total Acres:** 74.13

8b. **Survey area:**

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
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<tr>
<td>Pima County</td>
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<td>Arizona State Land Department</td>
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<tr>
<td>BLM</td>
<td>11.65</td>
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</table>

9. **ENVIRONMENTAL CONTEXTS**

9a. **Landform:** Bajada (coalescing alluvial fan)

9b. **Elevation:** 2,440–2,480 feet above mean sea level

9c. **Surrounding Topographic Features:** The project area is about 4 miles southwest of the Tucson Mountains.

9d. **Nearest Drainage:** The Santa Cruz River runs south–north about 7 miles east of the project area. Several small seasonal washes trend southeast–northwest through the project area, part of a system of washes that drain eventually into Brawley Wash about 9 miles west of the project area.

9e. **Local Geology:** Mixed-fan alluvium (National Resources Conservation Service [NRCS] 2013)

9f. **Vegetation:** Sonoran Desert Region, Arizona Upland Subdivision (Turner and Brown 1994); no intact native vegetation is found in the survey area.

9g. **Soils/Deposition:** Soils range from well-drained loam to well-drained fine sandy loam of the Tubac, Mohave, and Yaqui complexes that form on floodplains and fan terraces (NRCS 2013).

9h. **Buried Deposits:** Not likely

9i. **Justification:** The area has been heavily disturbed through construction of Valencia Road.

10. **BUILD ENVIRONMENT:** Valencia Road and ancillary drainage features

11. **INVENTORY CLASS COMPLETED**

11a. **Class I Inventory:** ☐

11b. **Researchers:**

11c. **Class II Survey:** ☐
11d. Sampling Strategy:
11e. Class III Inventory: ☒

12. BACKGROUND RESEARCH SOURCES
12a. AZSITE: ●
12b. ASM Archaeological Records Office: ●
12c. State Historic Preservation Office (SHPO) Inventories and/or SHPO Library: ☐
12d. NRHP Database: ●
12e. Arizona Department of Transportation Portal: ●
12f. General Land Office (GLO) Maps: Township 15 South, Range 11 East, Gila and Salt River Meridian and Base Line, filed June 11, 1888; and Township 15 South, Range 12 East, Gila and Salt River Meridian and Base Line, filed October 14, 1918; no potential resources are shown within the APE.
12g. Land-Managing Agency Files: BLM Tucson Field Office
12h. Tribal Cultural Resources Files: N/A
12i. Local Government Websites: N/A
12j. Other: N/A

13. BACKGROUND RESEARCH RESULTS
13a. Previous Projects Within Study Area.

<table>
<thead>
<tr>
<th>1. Project Reference Number</th>
<th>2. Project Name</th>
<th>3. Author(s)</th>
<th>4. Year</th>
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<tr>
<td>1991-255.ASM</td>
<td>Valencia Project</td>
<td>Roberts and Seymour</td>
<td>1991</td>
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<td>1993-125.ASM</td>
<td>Vahalla Road Survey</td>
<td>Roberts</td>
<td>1993</td>
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<td>1993-257.ASM</td>
<td>Blanco Estates Survey</td>
<td>Seymour</td>
<td>1993</td>
</tr>
<tr>
<td>1994-326.ASM</td>
<td>Ryan Field Survey</td>
<td>Freeman</td>
<td>1994</td>
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<tr>
<td>1995-274.ASM</td>
<td>Fiesta Estates Survey</td>
<td>Carpenter</td>
<td>1995</td>
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<td>1996-84.ASM</td>
<td>Diablo Village</td>
<td>Yoder</td>
<td>1996</td>
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<td>Project Reference Number</td>
<td>Project Name</td>
<td>Author(s)</td>
<td>Year(s)</td>
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<tr>
<td>--------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>---------------</td>
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<tr>
<td>1986-162.ASM</td>
<td>Archaeological Clearance Survey Along State Route 86 near Ryan Field, Pima County</td>
<td>Ervin</td>
<td>1986</td>
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<tr>
<td>1988-92.ASM</td>
<td>Archaeological Survey of 3.5 Miles of ROW for a Proposed Powerline</td>
<td>Maldonado</td>
<td>1988b</td>
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<td>1975-14.ASM</td>
<td>Avra Valley–Ryan Field</td>
<td>No information available</td>
<td>1975</td>
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<td>1999-85.ASM</td>
<td>Survey for the Three Points to Kinney Rd. Pavement Preservation Project</td>
<td>Hill and Bruder</td>
<td>1999</td>
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<td>2000-171.ASM</td>
<td>West Star Estates Valencia/Victor roads 76.67-Acre Survey (00SV#18)</td>
<td>Jones</td>
<td>2000</td>
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<tr>
<td>2001-90.ASM</td>
<td>Ryan Field County Park Cultural Resources Assessment</td>
<td>Wyman and Dart</td>
<td>2001</td>
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<td>1996-428.ASM</td>
<td>Fiesta 2 Survey</td>
<td>Tompkins</td>
<td>1996</td>
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<tr>
<td>2002-4.ASM</td>
<td>Picture Rocks/Sandario to Valencia/Camino de Oeste ca. 31-Mile Cultural Resources Survey</td>
<td>Jones and Dart</td>
<td>2002</td>
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<tr>
<td>2003-368.ASM</td>
<td>Sonoran Archaeological Survey</td>
<td>Sayre</td>
<td>2002</td>
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<tr>
<td>SHPO-2002-135</td>
<td>Cultural Resources Survey of a 0.5-Mile Right-of-Way on State Trust Land in the Avra Valley</td>
<td>Rieder</td>
<td>2001</td>
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<tr>
<td>1. Project Reference Number</td>
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<td>3. Author(s)</td>
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<td>2003-1471.ASM</td>
<td>TRICO Vahalla–Los Reales Survey</td>
<td>Hesse</td>
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<td>2004-1725.ASM</td>
<td>Valencia Road and Ajo Way Survey</td>
<td>Craig</td>
<td>2004</td>
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<td>2004-624.ASM</td>
<td>TRICO Diablo Village Estates Cultural Resources Survey</td>
<td>Barr</td>
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<td>2005-479.ASM</td>
<td>Valencia and Vahalla Roads Survey</td>
<td>Hopkins</td>
<td>2004</td>
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<td>2003-1368.ASM</td>
<td>TEP ASLD Survey</td>
<td>Harrison and Hesse</td>
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<td>2005-292.ASM</td>
<td>Sonoran Estate II Easement Sec. 7</td>
<td>Stephen</td>
<td>2005</td>
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<td>2005-1233.ASM</td>
<td>Camino Verde</td>
<td>Williams</td>
<td>2005</td>
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<td>2008-514.ASM</td>
<td>Recon 18.5</td>
<td>Luchetta and Moses</td>
<td>2008</td>
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<td>2009-458.ASM</td>
<td>Valencia/Camino Verde</td>
<td>Murphy and Urban</td>
<td>2009</td>
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<td>2006-551.ASM</td>
<td>Valencia Road Improvements</td>
<td>Barr</td>
<td>2006</td>
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<td>2007-583.ASM</td>
<td>Diablo Village Estates CWA Permitting</td>
<td>Malarchik</td>
<td>2005</td>
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<td>2006-942.ASM</td>
<td>Pomegranate Farms II Survey</td>
<td>Howell</td>
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<td>2011-242.ASM</td>
<td>TEP Ryan Line EA</td>
<td>Barr</td>
<td>2010</td>
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<tr>
<td>2011-300.ASM</td>
<td>Valencia Road, Mountain Eagle to Mark Road</td>
<td>Lundin</td>
<td>2011</td>
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<td>2014-346.ASM</td>
<td>Trico Vahalla Tie-Line Environmental Services</td>
<td>Barr</td>
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<td>2006-831.ASM</td>
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<td>2008-432.ASM</td>
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<td>2011-62.ASM</td>
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<td>2013-384.ASM</td>
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<td>2016-23.ASM</td>
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<td>16-141.BLM</td>
<td>Archaeological Clearance Survey Along State Route 86</td>
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<td>16-145.BLM</td>
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<td>16-108.BLM</td>
<td>Navajo–Hopi Land Exchange</td>
<td>Taylor</td>
<td>1985</td>
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### 13b. Previously Recorded Cultural Resources Within Study Area.

<table>
<thead>
<tr>
<th>1. Site Number/Name</th>
<th>2. Cultural/Temporal Affiliation</th>
<th>3. Site Type</th>
<th>4. Eligibility Status</th>
<th>5. Associated Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZ AA:16:377 (ASM)</td>
<td>Euro-American/ A.D. 1900–1950/ Late Historic</td>
<td>Road/State Route 86</td>
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<td>Ervin 1986</td>
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<tr>
<td>AZ AA:16:422 (ASM)</td>
<td>Hohokam/ Middle Rincon Phase</td>
<td>Artifact scatter with no features</td>
<td>Considered eligible (Criterion D)</td>
<td>Stephen 1998</td>
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<td>AZ AA:16:52 (ASM)</td>
<td>Hohokam/ A.D. 950–1100/Late Rincon Phase</td>
<td>Artifact scatter</td>
<td>Considered eligible (Criterion D)</td>
<td>Malarchik 2005</td>
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<td>AZ AA:16:458 (ASM)</td>
<td>Hohokam/ A.D. 250–1500/ Ceramic Period; Euro-American/ A.D. 1900–1950/ Late Historic</td>
<td>Historic Structures, thermal features, and artifact scatter</td>
<td>Considered eligible (Criterion D); SHPO concurrence 2003</td>
<td>Sayre 2002</td>
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<td>AZ AA:16:518 (ASM)</td>
<td>Hohokam/ A.D. 450–1100/Pre-Classic period</td>
<td>Artifact scatter</td>
<td>Considered eligible (Criterion D)</td>
<td>Howell 2006</td>
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<tr>
<td>1. Site Number/Name</td>
<td>2. Cultural/Temporal Affiliation</td>
<td>3. Site Type</td>
<td>4. Eligibility Status</td>
<td>5. Associated Reference</td>
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<table>
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<th>1. Property Name or Address</th>
<th>2. Year</th>
<th>3. Eligibility Status</th>
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<tbody>
<tr>
<td>N/A</td>
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</table>

14. CULTURAL CONTEXTS

14a. Prehistoric Culture: Paleoindian, Archaic, Hohokam
14b. Protohistoric Culture: Tohono O’odham, Apache
14c. Indigenous Historic Culture: Tohono O’odham, Yaqui
14d. Euro-American Culture: A.D. 1690–1950

15. FIELD SURVEY PERSONNEL

15a. Principal Investigator: Scott O’Mack
15b. Field Supervisor: Christopher Taylor
15c. Crew: Ted Eldridge
15d. Fieldwork Date: July 13, 2016

16. SURVEY METHODS
16a. Transect Intervals: 15 m
16b. Coverage (%): 100
16c. Site Recording Criteria: Arizona State Museum (ASM)
16d. Ground Surface Visibility (%): 75–100
16e. Observed Disturbances: Construction of existing Valencia Road

17. FIELD SURVEY RESULTS
17a. No Cultural Resources Identified: □
17b. Isolated Occurrences (IOs) Only: □
17c. Number of IOs Recorded: 1
17d. Table of IOs.

<table>
<thead>
<tr>
<th>1. IO Number</th>
<th>2. Description</th>
<th>3. Date Range</th>
<th>4. UTM$s</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>GLO survey marker (half-section marker on section line between S16 and S17, T15S, R12E); brass cap on steel pipe embedded vertically in ground</td>
<td>1916 (stamped on survey marker)</td>
<td>0487577 E 3554413 N</td>
</tr>
</tbody>
</table>

18. COMMENTS:
EcoPlan conducted a Class III cultural resources survey of the APE in anticipation of a road-widening project along approximately 2.75 miles of Valencia Road. The APE includes the existing Valencia Road ROW between Wade Road and Ajo Highway, plus a portion of the existing ROW of a minor cross street (Vahalla Road) and small areas along the Valencia Road ROW where ancillary drainage features will be constructed. EcoPlan archaeologists Christopher Taylor and Ted Eldridge conducted the survey on July 13, 2016, and found a single cultural resource in the APE—a GLO survey marker placed in 1916. EcoPlan recommends that the marker, designated Isolated Occurrence (IO) 1, be considered ineligible for listing in the NRHP.

Only one cultural resource was previously recorded within the APE—archaeological site AZ AA:16:458 (ASM), the remains of a historic-period farmstead. The site was found by SWCA Environmental Consultants, Inc., in a survey for a proposed housing development (Sayre 2002) and was determined eligible for listing in the NRHP by the Arizona SHPO in 2003 (AZSITE 2016). Most of the site was recorded south of the Valencia Road ROW, but a
small portion may have extended into the current APE (the plot of the site in AZSITE and the original site record is ambiguous). In the EcoPlan survey, no trace of the site could be found in the APE. Some of the site's features are visible just south of the APE, but the EcoPlan survey did not extend beyond the APE.

Based on the results of the Class III survey, EcoPlan recommends a finding of no historic properties affected for the proposed road-widening project.

19. ATTACHMENTS

19a. Project Location Map: 
19b. Land Jurisdiction Map: 
19c. Background Research Map: (Redacted for public viewing)
19d. GLO Map: 
19e. References: 

20. CONSULTANT CERTIFICATION

I certify the information provided herein has been reviewed for content and accuracy and all work meets applicable agency standards.

Signature: 
Name: Scott O’Mack, MA, RPA
Title: Principal Investigator
Date: August 30, 2016

21. DISCOVERY CLAUSE

In the event that previously unreported cultural resources are encountered during ground-disturbing activities, all work must immediately cease within 30 m (100 feet) until a qualified archaeologist has documented the discovery and evaluated its eligibility for the Arizona or National Register of Historic Places in consultation with the lead agency, SHPO, and the tribes, as appropriate. Work must not resume in this area without approval of the lead agency.

If human remains are encountered during ground-disturbing activities, all work must immediately cease within 30 m (100 feet) of the discovery, and the area must be secured. The ASM, lead agency, SHPO, and appropriate tribes must be notified of the discovery. All discoveries would be treated in accordance with Native American Graves Protection and Repatriation Act (Public Law 101-601; 25 U.S.C. 3001-3013) or Arizona Revised Statutes (A.R.S. § 41-844 and A.R.S. § 41-865), as appropriate, and work must not resume in this area without authorization from ASM and the lead agency.
Figure 19a. Project location map
Figure 19b. Land jurisdiction map
Figure 19c. Background research map

Redacted for public viewing
19e. References

AZSITE

Barr, David M. R.


Carpenter, John P.

Craig, Douglas B.

Ervin, Richard G.

Freeman, Andrea K.


January 2016 (Rev. 1)
Gibson, William R.

Harrison, James B., III, and S. Jerome Hesse

Hesse, S. Jerome

Hill, Matthew E., Jr., and J. Simon Bruder
1999 Cultural Resources Survey for the Three Points to Kinney Pavement Preservation Project, Pima County, Arizona. Dames & Moore, Phoenix.

Hopkins, Maren

Howell, Joseph

Jones, Jeffery T.

Jones, Jeffery T., and Allen Dart

Lensink, Stephen C.
Luchetta, Sarah, and James Moses
2008  A Class III Cultural Resources Assessment Survey of the 18.5-Acre Valencia Substation Property Located at the Southwest Corner of West Valencia Road and South Vahalla Road in Pima County, Arizona. Antigua Archaeology, LLC, Oracle, Arizona.

Lundin, Deil R.
2011  A Cultural Resources Assessment for the Valencia Road, Wade Road to Mark Road Project in Pima County, Arizona. HDR Report No. 11-03. HDR Engineering, Inc., Phoenix.

Malarchik, Eleonore

Maldonado, Ronald P.


Murphy, Barbara A., and Sharon F. Urban

NRCS

Rieder, Morgan

Roberts, Heidi

Roberts, Heidi, and Gregory Seymour
Sayre, David K.

Seymour, Gregory

Simonis, Donald E.

Stephen, David V. M.


2005  *Cultural Resources Survey of the Sonoran Estates II Easement, Section 7 Project near Tucson, Pima County, Arizona.* PAST Cultural Resources Report No. 051703. PAST, Tucson.

Swartz, Deborah L.

Taylor, C.

Tompkins, Charles N.

Troncone, Steven M., John Rapp, and Mac McDonnell
Turner, Raymond M., and David E. Brown  

Urban, Sharon F.  

Williams, Cara Mia  

Wyman, Terrence B., and Allen Dart  

Yoder, Thomas D.  