



Class III Cultural Resources Survey of 2.3 Acres of
Private Land for Legacy Crossing at DC Ranch in
Scottsdale, Maricopa County, Arizona

Submitted to:
Arc One Associates
1427 N. 3rd Street, Suite 100
Phoenix, Arizona 85004

Technical Report No. 20-627
September 24, 2020

State Historic Preservation Office
Survey Report Summary Form

SECTION 1. REPORT TITLE

1a. Report Title: Class III Cultural Resources Survey of 2.3 Acres of Private Land for Legacy Crossing at DC Ranch in Scottsdale, Maricopa County, Arizona

1b. Report Author(s): Kim Johnson, M.S., RPA

1c. Date: September 24, 2020 **1d. Report No.:** 20-627

SECTION 2. PROJECT REGISTRATION/PERMITS

2a. ASM Accession Number: N/A

2b. AAA Permit No.: N/A

2c. ASLD Lease Application No.: N/A

2d. Other Permit Number(s): N/A

SECTION 3. ORGANIZATION/CONSULTING FIRM

3a. Name: PaleoWest

3b. Internal Project Number: 20-938

3c. Internal Project Name: Legacy Crossing at DC Ranch Class III

3d. Contact Name: Kye Miller

3e. Contact Address: 319 E. Palm Lane, Phoenix, Arizona 85004

3f. Contact Phone: (602) 261-7253

3g. Contact Email: kmiller@paleowest.com

SECTION 4. SPONSOR/LEAD AGENCY

4a. Sponsor: Arc One Associates (Arc One)

4b. Lead Agency: City of Scottsdale (COS)

4c. Agency Project Number(s): N/A

4d. Agency Project Name: N/A

4e. Funding Source(s): Private

4f. Other Involved Agencies: N/A

4g. Applicable Regulations: COS Ordinance No. 3242 & 3243, Chapter 46, Section VI of the Scottsdale Revised Code

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SECTION 5. DESCRIPTION OF PROJECT:

Arc One plans to develop a parcel of private land located north of the intersection of Legacy Boulevard and N 91st Street in Scottsdale, Maricopa County, Arizona for the construction of a commercial retail and business district. Potential ground disturbance occurring during the project may include vegetation removal, raking, mass grading, and also the installation of roads, sidewalks, parking lots, utilities, building foundations, and landscaping.

SECTION 6. PROJECT AREA

The project area is a triangular parcel that measures approximately 815 ft x 250 ft at its widest point and encompasses approximately 2.3 acres.

SECTION 7. PROJECT AREA INFORMATION:

7a. Address: 9100 E. Legacy Blvd
7b. Route: N/A 7c. Mileposts Limits: N/A
7d. Nearest City/Town: Scottsdale, Arizona 7e. County: Maricopa
7f. Project Locator UTM's: (NAD 83, Zone 12) 418036 mE 3724167 mN
7g. Baseline & Meridian: G&SRB&M 7h. USGS Quadrangle(s): USGS 7.5' Currys Corner, Ariz., 1982
7i. Legal Description(s): NW ¼ of Section 31, T4N, R5E

SECTION 8. SURVEY AREA

8a. Total Acres: 2.3
8b. Survey Area: 2.3

1. Land Jurisdiction	2. Total Acres Surveyed	3. Total Acres Not Surveyed	4. Justification for Areas Not Surveyed
Private	2.3	0	N/A

SECTION 9. ENVIRONMENTAL CONTEXTS

9a. Landform: Alluvial Fan
9b. Elevation: 1,650 ft above mean sea level

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- 9c. Surrounding Topographic Features:** The McDowell Mountains are located 1.8 miles to the east of the project area and Phoenix Mountain is located 8.2 miles southwest of the project area.
- 9d. Nearest Drainage (Distance/Direction):** An unnamed ephemeral drainage runs northeast to southwest through the west end of the project area. Other unnamed drainages, following the same orientation, are located to the east and west. Cave Creek is 10.7 miles northwest of the project area.
- 9e. Local Geology:** Holocene Surficial Deposits (0-10 ka): Characterized by unconsolidated deposits derived from modern fluvial systems. Alluvial plains consist of fine grained, well sorted sediment, but middle and upper piedmonts may also include gravelly channel, terrace, and alluvial fan deposits (Arizona Geological Society 2013).
- 9f. Vegetation:** Lower Colorado River subdivision of Sonoran Desertscrub (Brown 1994). Vegetation in the project area is characterized by creosote, palo verde, mesquite, saguaro cactus, barrel cactus, and prickly pear cactus.
- 9g. Soils/Deposition:** Soils within the project area are mapped as being Momoli gravelly sandy loam, 1-5 percent slopes (Natural Resources Conservation Service 2020). These soils are well drained and are derived from mixed alluvium. Soils observed within the project area consists of light brown sandy loam with some gravel inclusions.
- 9h. Buried Deposits:** Not likely
- 9i. Justification:** The project area was surveyed in its entirety and no significant cultural resources were identified.

SECTION 10. BUILT ENVIRONMENT:

Based on a review of historic and modern topographic maps and aerials, the project area has never been developed (Maricopa County 2019). The surrounding areas were not developed until the early 1990s when residential developments were constructed to the north. Between 1993 and 2003, Union Hills Drive extended west to Pima Road and was a main arterial street until Legacy Boulevard was constructed in 2003-2004 (Maricopa County 2019). After construction was completed, Union Hills Drive was shortened to its existing length. A number of erosion control features are in place throughout the project area and a walking path borders the northern edge of the project area.

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SECTION 11. INVENTORY CLASS COMPLETED

- 11a. Class I Inventory: N/A
- 11b. Researcher(s): Kim Johnson, M.S.
- 11c. Class II Survey: N/A
- 11d Sampling Strategy: N/A
- 11e. Class III Inventory:

SECTION 12. BACKGROUND RESEARCH SOURCES

- 12a. AZSITE:
- 12b. ASM Archaeological Records Office:
- 12c. SHPO Inventories and/or SHPO Library:
- 12d. NRHP Database:
- 12e. ADOT Portal:
- 12f. GLO Maps: Plat 177 (filed 2/26/1921): No historic map features are depicted within the project area.
- 12g. Land-Managing Agency Files: N/A
- 12h. Tribal Cultural Resources Files: N/A
- 12i. Local Government: Records available from COS
- 12j. Other: USGS 15' Camelback, Ariz. (1904, 1906); USGS 60' Mesa, Ariz. (1954, 1958, 1960, and 1964); 7.5' Currys Corner, Ariz. (1964, 1971, 1973, and 1982): Numerous historic map features are depicted within the 1-mile search radius, including five roads (1946–1982), a transmission line (1954–1982), and three jeep trails (1964–1982). No historic map features are located within the project area.

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SECTION 13. BACKGROUND RESEARCH RESULTS

13a. Previous Projects within the Project Area

1. Project Reference Number	2. Project Name	3. Author(s)	4. Year
1995-297.ASM	DC Ranch/DMB Survey (155-163)	Owens	1995

13b. Previously Recorded Cultural Resources within the Project Area

1. Site No./ Name	2. Affiliation	3. Site Type	4. Eligibility Status	5. Associated Reference(s)
N/A	N/A	N/A	N/A	N/A

13c. Historic Buildings/Districts/Neighborhoods within the Project Area

1. Property Name or Address	2. Year	3. Eligibility Status
N/A	N/A	N/A

13d. Historic USGS Map and GLO Properties within the Project Area

1. Property Description	2. Map Year
N/A	N/A

13e. Background Research Narrative:

PaleoWest consulted records from AZSITE, the National Register Information System database, and historic maps within a 1-mile-wide search radius of the project area. The COS Historic Preservation Office was also consulted. A total of 36 projects and four archaeological sites have been recorded within 1 mile of the project area. The project area was previously surveyed in its entirety in 1995 as part of the DC Ranch/DMB Survey. Other surveys in the vicinity of the project area have been conducted in support of development, roads, pipelines, cell towers, a substation. No archaeological sites have been previously identified within the project area. Known archaeological sites within one mile of the project area include three prehistoric sites with features. An examination of historic USGS and GLO maps indicate a number of historic map features have been identified within the search area including roads, a transmission line, and a few jeep trails, none of which intersect with the project area.

SECTION 14. CULTURAL CONTEXTS

14a. Prehistoric Culture:

Paleo-Indian, Archaic, Hohokam

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- 14b. Protohistoric Culture: Akimel O’odham (Pima)
14c. Indigenous Historic Culture: Akimel O’odham (Pima), Xalychidom Piipash (Maricopa), Yavepe (Yavapai)
14d. Euro-American Culture: A.D. 1865–present

SECTION 15. FIELD SURVEY PERSONNEL

- 15a. Principal Investigator: Kye Miller, M.A.
15b. Field Supervisor: Harland Ash, B.A.
15c. Crew: Eric Mudd, B.A.
15d. Fieldwork Date(s): September 17, 2020

SECTION 16. SURVEY METHODS

- 16a. Transect Intervals: 20 m apart
16b. Coverage (%): 100%
16c. Site Recording Criteria: Fish (1995)
16d. Ground Surface Visibility: 70–90 percent
16e. Observed Disturbances: Disturbances within survey area include modern bike trails, trash debris, and erosion.

SECTION 17. FIELD SURVEY RESULTS

- 17a. No Cultural Resources Identified:
17b. Isolated Occurrences (IOs) Only:
17c. Number of IOs Recorded: 0

SECTION 18. COMMENTS/RECOMMENDATIONS:

The survey of the project area identified no cultural resources. Therefore, PaleoWest recommends no further cultural resource work.

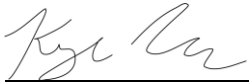
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SECTION 19. ATTACHMENTS

- 19a. Project Location Map: (Figure 1)
- 19b. Land Jurisdiction Map: (Figure 1)
- 19c. Background Research Map(s): (Figure 2)
- 19d. GLO Map(s):
- 19e. Project Area Photograph(s): (Figure 3 and Figure 4)
- 19f. References:

SECTION 20. CONSULTANT CERTIFICATION

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



Signature

Date: September 24, 2020

Principal Investigator

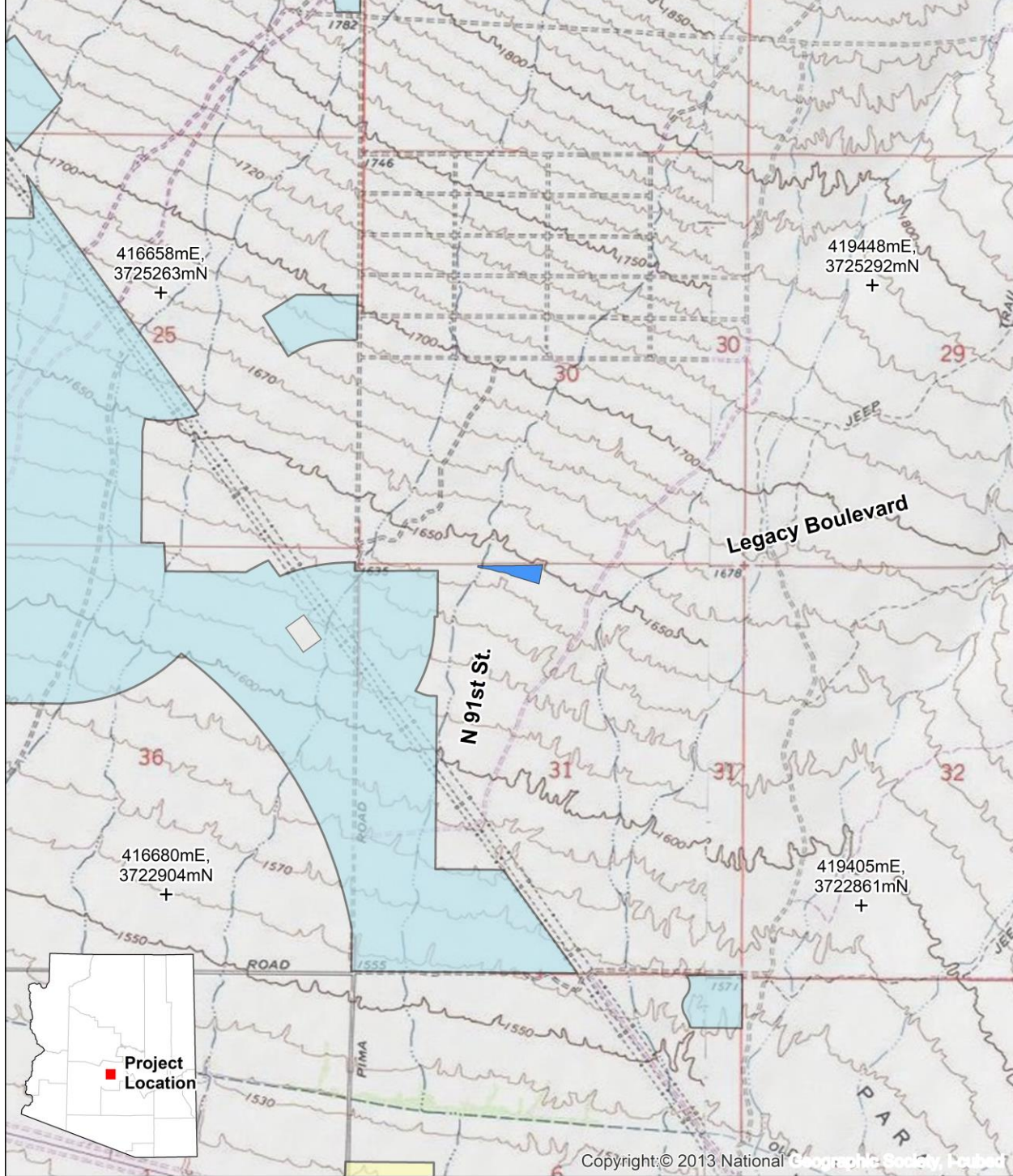
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SECTION 21. DISCOVERY CLAUSE

If previously unreported cultural resources are identified during project activities, all ground disturbing activities in the vicinity of the discovery shall cease until the COS Historic Preservation Office is notified and the nature and significance of the discovery is evaluated.

If human remains are encountered during ground-disturbing activities, all work must immediately cease within 30 m (100 ft) of the discovery and the area must be secured. The COS, Arizona State Museum (ASM), State Historic Preservation Office, and appropriate Tribes must be notified of the discovery. All discoveries will be treated in accordance with Arizona Revised Statutes (ARS 41-865) and work must not resume in this area without authorization from ASM and the COS Historic Preservation Office.

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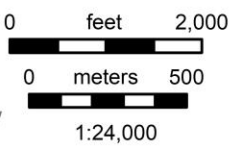


   **USGS 7.5' Quadrangle:
Curry's Corner, AZ (1973)
T4N, R5E, Sec 31
NAD 83 UTM Zone 12** 

Figure 1. Project location map showing land jurisdiction and results of survey.

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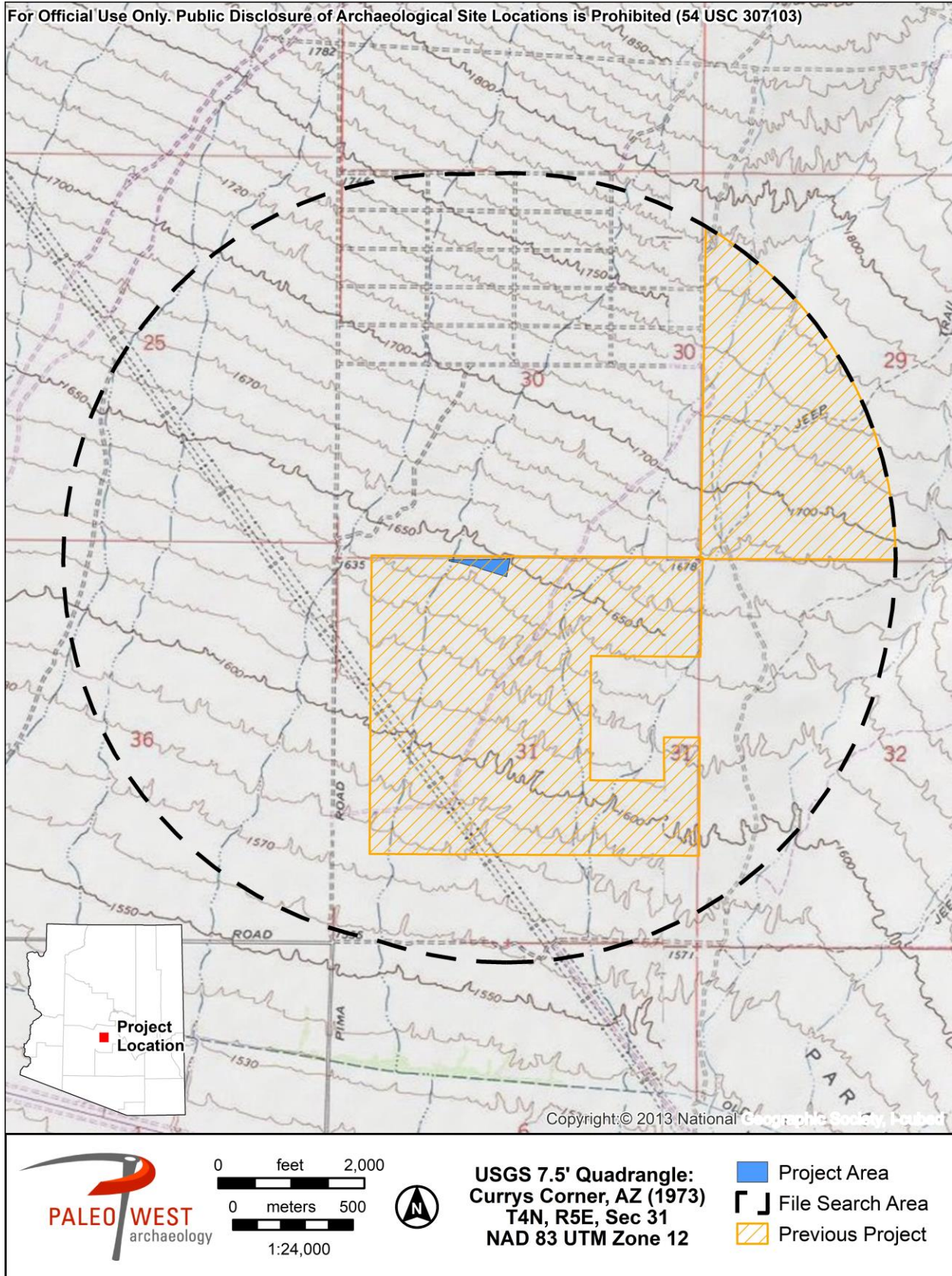


Figure 2. Project area map showing previous projects within the project area.



Figure 3. Overview photograph of project area, facing east.



Figure 4. Modern disturbances in the project area, facing south.

REFERENCES

Arizona Geological Survey

- 2013 The Geologic Map of Arizona. Electronic document, <http://data.azgs.az.gov/geologic-map-of-arizona/>, accessed September 16, 2020.

Brown, David E.

- 1994 *Biotic Communities of the American Southwest*. General Technical Report No. RM-78. Rocky Mountain Forest and Range Experiment Station, USDA Forest Service, Fort Collins.

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- 1995 Revised Site Definition Policy. Arizona State Museum, Tucson.

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- 2020 Aerial imagery for Tolleson, Arizona. Accessed September 16, 2020.

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- 2020 *Historic Aerials*. Online database, <https://www.historicaerials.com/>, accessed September 16, 2020.

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- 2019 *Historical Aerial Photography*. Online database, <https://gis.maricopa.gov/GIO/HistoricalAerial/index.html>, accessed September 16, 2020.

Owens, Jeffrey D.

- 1995 *A Cultural Resources Survey of Section 29 and 31 of the DC Ranch Property, North Scottsdale, Maricopa County, Arizona*. Technical Report No. 95-12, Soil Systems Inc., Phoenix.

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- 2018 *Web Soil Survey*. Electronic document, <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>, accessed September 16, 2020.