



Environmental Assessment Specialists, Inc.

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February 7, 2020

AT&T Mobility, LLC
1452 Edinger Avenue, 3rd Floor
Tustin, CA 92780

Subject: FCC Special Interest Research
NEPA Land Use Letter Report
AT&T Mobility, LLC Site No. CSL04091
CASPR No: 3551A0JZ5F
North of Lakeview Drive and East of Monterey Road
Helendale, San Bernardino County, California

At the request of AT&T Mobility, LLC (AT&T), Environmental Assessment Specialists, Inc. (EAS) completed a full environmental screening of the Federal Communications Commission (FCC) special interest items, as outlined in *47 Code of Federal Regulations (CFR) Section 1.1307 (a) (1) through (9)*, for the AT&T telecommunications facility CSL04091 located at North of Lakeview Drive and East of Monterey Road in the City of Helendale, California. According to AT&T provided information, AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0" x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power.

In accordance with *CFR, Section 1.1307 (a)*, an evaluation was made to determine if any of the nine special interest items would be significantly affected if an antenna structure and associated equipment control cabinets were constructed at the proposed site location. In the event that the site affects one of the items, the FCC requires that further studies and/or an environmental assessment (EA) be prepared regarding that particular issue. EAS conducted this research by consulting with appropriate California and/or Federal agency personnel and by reviewing published lists, files, and maps.

The National Environmental Policy Act (NEPA) Land Use Checklist form is completed and attached to this letter report.

Site CSL04091 Letter Report

1. Wilderness Areas

Based on a review of the USGS *Helendale, California 7.5 Minute Topographic Quadrangle*, in December 2019, there are no wilderness areas in the vicinity of the proposed site.

2. Wildlife Preserves

Based on a review of the USGS *Helendale, California 7.5 Minute Topographic Quadrangle*, in December 2019, there are no wildlife preserves in the vicinity of the proposed site.

3. Listed and/or Proposed Threatened or Endangered Species or Designated Critical Habitats

SENSITIVE BIOLOGICAL RESOURCES IMPACT ANALYSIS

Sensitive Plant and Wildlife Species

- Sensitive Plant Species: The project site contains no suitable habitat for any sensitive plant species. Therefore, no sensitive plant species have a moderate or high potential to occur onsite and focused surveys are not recommended.
- Sensitive Wildlife Species: The project site contains suitable habitat for Mohave ground squirrel.
 - Mohave ground squirrel (MGSQ) is state listed as threatened. MGSQ have been known to occur within the vicinity of the project site and suitable habitat for this species occurs on the site. Consequently, MGSQ has a moderate potential to occur on the project site and presence/absence surveys for MGSQ will be required to determine the potential impacts to this species as a result of the construction of the proposed facility. Surveys should be conducted from March 15 – April 15 and follow the standard protocol established by the CDFG. If MGSQ is determined to be present on the project site, potential impacts to this species will require an incidental take State Permit pursuant to Section 2081 of the California Endangered Species Act. Mitigation commonly associated with impacts to MGSQ includes payment of a mitigation fee into an appropriate mitigation bank as determined by CDFG for the loss of suitable habitat.
 - As an alternate course of action, the project proponent may forego surveys and assume that Mohave ground squirrel is present on Site. As stated above, potential impacts will require a Section 2081 Permit and payment of a mitigation fee.
 - Several burrows suitable for burrowing owl were observed within the vicinity of the project site. No owls or owl sign were observed during the survey and the site is considered unoccupied. Due to the presence of suitable habitat within the vicinity of the project site, a preconstruction clearance survey is recommended within two weeks of the onset of construction activity.
 - The proposed project is not located within USFW Designated Critical Habitat for the desert tortoise (*Gopherus agassizii*), federally listed as threatened. The proposed project is directly adjacent to the designated critical habitat. A pre-construction clearance survey should be conducted prior to the start of construction.
 - Sensitive Plant Communities: No sensitive plant communities occur on the project site; none will be impacted by the proposed development.

Jurisdictional Areas

No potentially jurisdictional waters or wetlands are present on or in the vicinity of the project site. Therefore, installation of the proposed facility will not impact any jurisdictional areas.

Nesting Birds

No avian nests or nesting activity were observed during the field survey. The trees and shrubs located within the immediate vicinity of the proposed utility line trench route provide suitable nesting habitat for several avian species. Therefore, pursuant to the MBTA and CFG Code, installation of the proposed facility should be conducted outside the nesting season. The nesting season generally extends from early February through August, but can vary slightly from year to year based upon seasonal weather conditions.

If facility installation must occur during the nesting season, a qualified biologist should conduct a nesting bird survey to identify any potential nesting activity. If active nests are observed, construction activity must be prohibited within a 500-foot (~160-meter) buffer around the nest until the nestlings have fledged. All construction activity within the vicinity of active nests must be conducted in the presence of a qualified biological monitor. Construction activity may encroach into the buffer area at the discretion of the biological monitor.

Northern Long-Eared Bat (NLEB)

The project is located outside of the NLEB's range. Therefore, no further action with USFWS or FCC is needed.

Mohave Ground Squirrel Habitat Assessment

Prior to conducting field surveys, a thorough review of relevant maps, databases, and literature pertaining to the target species within project vicinity was performed. Recent and historical aerial imagery, soils data, U.S. Geological Survey (USGS) topography, and other maps (Google 2019) of the project site and vicinity were reviewed, in addition to the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB; CDFW 2019), published information from CDFW (CDFG 2010a, CDFG 2010b, CDFG 1990, CDFG 2008), and recent reports of MGS surveys and trapping in the area (Leitner 2015).

The habitat assessment survey for Mohave ground squirrel was conducted on and within 500 feet of the project site (Figure 4, *Survey Area*) by HELIX biologist Dane van Tamelen on January 16, 2020. Mr. van Tamelen walked the entire survey area to allow for 100 percent visual coverage of potential habitat within the survey area. Mr. van Tamelen surveyed the approximately 0.15-acre project site using transects less than 10 meters apart to achieve 100 percent coverage. Additional belt transects were surveyed within 500 feet of the project impact area. Areas with restricted access on private land that included potential habitat were surveyed from the perimeter with binoculars.

Conclusion

The project site does not support high-quality habitat for MGS and the species was found to have a low potential to occur. This conclusion is based on the project's location at the edge of the MGS's historic range, negative trapping records in the project vicinity, lack of shrub species commonly associated with this species, the high level of disturbance, and lack of MGS and other small mammal sign observed on the site.

4. Historic Places

May affect districts, sites, buildings, structures, or objects, significance in American history, architecture, engineering or culture that are eligible for listing in the National Register of Historic Places.

The purpose of the records search is to identify all previously recorded cultural resources (prehistoric and historic archaeological sites, historic buildings, structures, objects, or districts) within the area of potential effect, as required by Section 106 of the National Historic Preservation Act (NHPA) of 1966 and its implementing regulations, 36 CFR Part 800. It entails a review of all previously recorded prehistoric and historic archaeological sites situated within a half-mile radius of the candidate, as well as a review of all cultural resource survey/excavation reports. The purpose of the site visit is to determine the area of potential effect (APE) associated with the candidate. The lease area and the locations of planned project-related excavations (if any) were visited and photographed. The APE was established regarding planned-for candidate construction methods, the existing topography and the current level of local urbanization.

On August 1, 2019, Sarah Williams, M.A. conducted the cultural resources records search at the South Central Coastal Information Center (SCCIC), which is located at the California State University, Fullerton. To identify any historic properties on or near the candidate, we examined current inventories of the National Register of Historic Places (NR), the California Historical Landmarks (CHL), and the California Points of Historical Interest (CPHI). We also reviewed the California State Historic Resources Inventory (HRI) for San Bernardino County to determine any local resources that have been previously evaluated for historic significance. In addition, archival maps were inspected for indications of historical structures in the area

Cultural Resources Records Search Results

The results of the records search indicate that two cultural resources have been recorded within the search radius (see Table 1 and 2). Eight area-specific survey reports are on file with the SCCIC for the search radius. None of these addressed the candidate location, suggesting the project area has not been previously surveyed for cultural resources (see Table 3).

Table 1: Known Cultural Resources Within a half-mile radius of the candidate location

<u>Site Number</u>	<u>Distance from the candidate</u>	<u>Resource Description</u>
P36-061218	2500 feet north	Isolate chert flake
P36-061216	2500 feet east	Isolate chert flake

Table 2: Structures or Features with a half-mile radius of the candidate location from the San Bernardino County HRI, NR, CR, CHL, and/or CHPI inventories

<u>Address</u>	<u>Distance from the candidate</u>	<u>Resource Description</u>
None		

Table 3: Known Cultural Resources Reports Within a half-mile radius that include the candidate location

<u>NADB Report Number</u>	<u>Additional Details</u>
None	

USGS Archival Topographic Map	Observations
1956 Helendale, CA 7.5'	The general area was undeveloped with one structure in the vicinity. Cultural resources are not depicted at the candidate location.

Cultural Sensitivity Based On The Record Search Data	
Historic	Low
Prehistoric	Unknown

Recommendations

The candidate is located in a relatively undeveloped area north of a residential neighborhood. No NR eligible or listed resources are within a half mile of the candidate location. Additionally, no other previously known cultural resources are located within 2000 feet of the candidate. Therefore, cultural resources will not be affected by the installation of the proposed telecommunications facility CSLO4091.

State Historic Preservation Officer (SHPO) Review

The subject site was submitted to SHPO on September 10, 2019. SHPO concurred with the project on October 23, 2019.

5. Indian Religious Sites

EAS contacted the Native American Heritage Commission to conduct a Sacred Lands Record Search to identify Indian religious information pertaining to the site. The record search of the sacred lands file failed to indicate the presence of Native American cultural resources in the immediate project area.

Tower Construction Notification System (TCNS) Review

The FCC was initially contacted on July 22, 2019 through the TCNS. The FCC notified Federally Recognized Tribal Groups on July 23, 2019. The e-106 was uploaded into the FCC system on October 2, 2019. As of December 3, 2019, all Federally Recognized Native American Tribes have either responded or the allotted time given by the tribes has expired.

6. Located in a Flood Plain (Executive Order 11988)

A review of the Federal Emergency Management Agency Flood Insurance Rate Maps in July 2019 determined that the site is not located within a 100-year flood plain.

7. Surface Features

Cause significant changes in surface features, such as wetland fill, deforestation, or water diversion (see Executive Order 11990 if wetlands are on Federal property)

Evaluation of the AT&T provided information by EAS biologists determined that no wetlands or forests would be impacted and no water diverted. Therefore, there would be no significant changes to surface features.

8. High Intensity White Lights

According to AT&T high intensity white lights used for tower illumination will not be used for the site development.

9. Radio Frequency Radiation

An evaluation to determine whether radiofrequency (RF) emissions standards are met was not included as part of this Report. EAS understands that client representatives will evaluate the project to ensure compliance with applicable RF standards.

Additional Environmental Evaluation

National Scenic and Historic Trails

In October 1999, the Cellular Telecommunications Industry Association, Personal Communications Industry Association, Appalachian Trail Conference, American Hiking Society, and representative Managing and Supporting Trails Organizations (MSTOs) for the National Scenic Trails signed a resolution for the *Siting of Wireless Telecommunications Facilities Near National Scenic Trails*. This resolution states that if a wireless telecommunications or site management company plans a new or significantly expanded facility within one mile of a National Scenic Trail, it will notify the non-profit group that supports the trail.

In order to determine if the site is located within one mile of a National Scenic or Historic Trail, EAS reviewed available information from the NPS. There are no National Scenic Trails within one mile of the candidate.

National Wild and Scenic Rivers

The National Wild and Scenic Rivers Act of 1968 designated “that certain selected rivers of the Nation which, with their immediate environments, possess outstandingly remarkable scenic, recreational, geologic, fish and wildlife, historic, cultural or other similar values, shall be preserved in free-flowing condition, and that they and their immediate environments shall be protected for the benefit and enjoyment of present and future generations.” According to the National Wild and Scenic Rivers System (<http://www.rivers.gov/maps.php>), “the idea behind the National System is not to halt use of a river; instead, the goal is to preserve the character of a river.”

EAS reviewed the National Wild and Scenic Rivers System data on National Wild and Scenic Rivers in the State of California (<http://www.rivers.gov/maps.php>). There are no designated rivers within one mile of the site.

Conclusions and Recommendations

Based on a review of the photographs, published lists, files, and maps regarding FCC issues, AT&T site CSLO4091, located in the City of Helendale, will not affect one of the nine special interest items as outlined in *47 CFR Section 1.1307 (a) (1) through (9)*. Therefore, in accordance with FCC regulations, at this time the preparation of further studies or an EA is not warranted.

We appreciate the opportunity to be of service to AT&T with this project and look forward to working on future projects. If you have any question about information in this report, or if further assistance is required, please call me at 818.898.4866 or by e-mail at gjl1999@easenv.com.

Sincerely,



Gavin Leaver
Project Manager
Environmental Assessment Specialists, Inc.
71 San Marino Avenue
Ventura CA 93003

Appendix A: FCC NEPA Checklist
Appendix B: Cultural Resource Records Search and Site Visit Results
Appendix C: Biological Resources Impact Analysis
Mohave Ground Squirrel Habitat Assessment
Appendix D: NAHC List
NAHC Response Memo
NAHC Tribal Response
NAHC & Other Consulting Party Letters
Appendix E: FEMA Map
Appendix F: SHPO Submittal Package [includes Public Notification]
Appendix G: TCNS Package

February 7, 2020

**Appendix A:
FCC NEPA Checklist**

FCC NEPA CHECKLIST
Prepared for AT&T Mobility, LLC

Site #: CSL04091	Site Address: North of Lakeview Drive and East of Monterey Road Helendale, San Bernardino County, California	Coordinates: 34° 44' 29.47" N / 117° 21' 54.43" W		
FCC NEPA Category	Consulting Agency to Contact	Summarize Any Preliminary Finding Of Positive Effects	Check One Box	
			Yes	No
1. Will the facility be located in an officially designated wilderness area?	National Park Service, US Forest Service, Bureau of Land Management (BLM)			X
2. Will the facility be located in an officially designated wildlife preserve?	National Park Service, US Forest Service, BLM			X
3. Will the facility affect listed and proposed threatened, or endangered species or designated critical habitats?	US Fish & Wildlife Service - Field Office (USF&WS)	If construction is to take place during the nesting season, then a nesting bird survey is required by a biologist. A pre-construction clearance survey for burrowing owl and desert tortoise should be conducted prior to construction.		X
4. Will the facility affect districts, sites, buildings, structures, or objects listed, or eligible for listing, in the National Register of Historic Places?	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO)			X
5. Will the facility affect Indian Religious sites?				X
6. Will the facility be located in a Flood Plain?	Federal Emergency Management Agency (FEMA)			X
7. Will the facility construction involve significant change in surface features?	US Army Corps of Engineers (ACOE)			X
8. Will the antenna towers and/or supporting structures be equipped with High Intensity White Lights?	N/A			X
9. Will the facility result in human exposure to radiation in excess of the applicable safety standards?	N/A	RF exposure analysis to be conducted by client.		

The undersigned has reviewed and approved the completion of this FCC NEPA Checklist for the above-mentioned site.
Prepared by: Environmental Assessment Specialist, Inc.

Signature:

Gavin Leaver

Title:

Project Manager

Printed Name:

Gavin Leaver

Date:

February 7, 2020

**Appendix B:
Cultural Resource Records Search and Site Visit Results**



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003

Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

September 5, 2019

AT&T Mobility, LLC
1452 Edinger Avenue, 3rd Floor
Tustin, CA 92780

Subject: Cultural Resources Records Search and Site Visit Results for AT&T Mobility, LLC Candidate CSLO4091 (Helendale Properties), North of Lakeview Drive and East of Monterey Road, Helendale, San Bernardino County, California (CASPR# 3551AOJZ5F)

At the request of AT&T Mobility, LLC (AT&T), EAS has conducted a cultural resources records search and site visit for AT&T candidate CSLO4091 (Helendale Properties), located north of Lakeview Drive and East of Monterey Road, Helendale, CA 92342. The lease area lies in Section 36 of T.8N, R.5W (San Bernardino Baseline and Meridian) as shown on the USGS *Helendale, CA* 7.5-minute quadrangle map. AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0" x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30-kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power.

The purpose of the record search is to identify all previously recorded cultural resources (prehistoric and historic archaeological sites, historic buildings, structures, objects, or districts) within the area of potential effect (APE), as required by Section 106 of the National Historic Preservation Act (NHPA) of 1966 and its implementing regulations, 36 CFR Part 800. It entails a review of all previously recorded prehistoric and historic archaeological sites situated within a half-mile radius of the candidate, as well as a review of all cultural resource survey/excavation reports. The purpose of the site visit is to determine the APE associated with the candidate. The lease area and the locations of planned project-related excavations (if any) were visited and photographed. The APE was established with reference to planned-for candidate construction methods, the existing topography and the current level of local urbanization

On August 1, 2019, Sarah Williams, M.A. conducted the cultural resources records search at the South Central Coastal Information Center (SCCIC), which is located at the California State University, Fullerton. To identify any historic properties on or near the candidate, we examined current inventories of the National Register of Historic Places (NR), the California Historical Landmarks (CHL), and the California Points of Historical Interest (CPHI). We also reviewed the California State Historic Resources Inventory (HRI) for San Bernardino County to determine any local resources that have been previously evaluated for historic significance. In addition, archival maps were inspected for indications of historical structures in the area.

Cultural Resources Records Search Results

The results of the records search indicate that two cultural resources have been recorded within the search radius (see Table 1 and 2). Eight area-specific survey reports are on file with the SCCIC for the search radius. None of these addressed the candidate location, suggesting the project area has not been previously surveyed for cultural resources (see Table 3).

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1956 Helendale, CA 7.5'	The general area was undeveloped with one structure in the vicinity. Cultural resources are not depicted at the candidate location.

<u>Cultural Sensitivity Based On The Record Search Data</u>	
Historic	Low
Prehistoric	Unknown

Cultural Setting¹

Four general, but distinctive cultural periods have been identified by Wallace (1955) for the prehistoric occupation of southern California (Early Hunter; Milling Stone; Intermediate; Late).

Early Hunter Period (before 6500 B.C.) sites are characterized by large projectile points and other stone implements adapted to chase big game animals. The large size and weight of the points suggest that the primary weapon for hunting was the dart, propelled by a spear thrower. The lack of grinding tools suggests that the inhabitants were not exploiting the plant foods to the extent that later cultures were. They were nomadic hunters, following the game throughout the seasons. Archaeological sites representing this early period are not common.

The Milling Stone Period (about 6500 B.C. to 1000 B.C.) represents a long period of time characterized by small, highly mobile groups of Native Americans. These groups probably had a seasonal round of settlement that included both inland and coastal residential bases. They relied primarily on grasses and seeds for food. Characteristic inland sites include numerous manos, metates, and hammerstones. Shell middens are more common at coastal sites.

References

Bean, L.J. and Charles R. Smith
 1978 Serrano. In R.F. Heizer, (ed.) *Handbook of North American Indians, Vol. 8: California*. Pages 570- 574. Washington, D.C.: Smithsonian Institution.

Wallace, William J.
 1955 A Suggested Chronology for Southern California Coastal Archeology. *Southwestern Journal of Anthropology* 11(3):214-230.

The Intermediate Period occurred from approximately 1000 B.C. to A.D. 750. Mortars and pestles first appear in this period, indicating knowledge of acorn leaching. Use of the acorn probably permitted greater sedentism, especially at inland locations. Large projectile points suggest the use of spear throwers rather than the bow and arrow. Settlement patterns during this period are not well understood.

The Late Period (A.D. 750 to Historic Contact) saw a more semi-sedentary settlement pattern. Smaller projectile points suggest the introduction of the bow and arrow and less or no reliance on the spear thrower.

The Serrano

The Serrano are part of the Takic language family, which is a language group also shared, albeit distantly, by the Luiseno, Tongva, Cahuilla, and Cupeno tribal entities

Although it is difficult to ascribe a definitive boundary for the Serrano, the literature has suggested that this nationality had encompassed a vast and topographically varied area: the localities of eastern Los Angeles County, along the Cajon Pass to Victorville, to the far eastern reaches of Twentynine Palms, which is beyond the foothills of the San Bernardino Mountains, and to the southern extremities of the San Gorgonio Pass. As with most Native peoples, a typical village site would have been located within the accessibility of water and in areas that would provide a good shelter from the wind.

Establishment of APE and Cultural Resources Within

On August 13, 2019, Sarah Williams visited the candidate location to locate, define, and survey the APE (see Exhibit 1 and Exhibit 2). The APE was ascertained by examining the planned candidate construction methods, the existing topography, and the current level of urbanization. AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0" x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30-kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power. Given these parameters, the direct APE is confined to the proposed telecommunications facility and the new trench route(s). The visual indirect APE is considered all that area within a ½-mile radius of those portions of the candidate once completed.

Direct APE Cultural Resources

The results of the site investigation confirm that no previously known cultural resources will be adversely affected by construction of the telecommunications facility. The candidate will be located along an existing dirt road in an undeveloped area of Helendale. The monopine and equipment locations are relatively undisturbed desert land, with some modern trash dumped in the area. Trenching will run south through Monterey Road to an existing pullbox for telco, while power continues until it turns at Lakeview Drive, to an existing Southern California Edison manhole located near the entrance to the Helendale Lakeview Tank Site. The soils have been partially disturbed during the grading of the roads, and heavily in the vicinity of the tank site. Soil visibility is good to moderate in most of the area, and poor for the trenching route near the tank site, with vegetation being the main obstruction in most of the area. A pedestrian survey of the proposed lease area did not reveal any pre-contact cultural materials.

Visual Indirect APE

The results of our records search indicate there are no NR eligible or listed historic resources located within ½ -mile of the candidate. The conditions are as follows:

- North, east, and west of the candidate location is undeveloped, relatively undisturbed desert land. Monterey Road runs to the west of the candidate location.
- South of the candidate location are minimally disturbed desert land and the Helendale Lakeview Tank Site. Beyond is a residential neighborhood.

Photographs are attached.

The topography in the vicinity of the candidate consists of relatively undisturbed land until you get into the residential neighborhood to the south. Surface visibility is good, with some plants obscuring visibility. Vegetation consists of plants in the creosote bush scrub community and non-native bushes, grasses and trees near the residential neighborhood. The nearest water source is the Fremont Wash, located approximately a half mile southeast of the candidate location.

Recommendations

The candidate is located in a relatively undeveloped area north of a residential neighborhood. No NR eligible or listed resources are within a half mile of the candidate location. Additionally, no other previously known cultural resources are located within 2000 feet of the candidate. Therefore, cultural resources will not be affected by the installation of the proposed telecommunications facility CSL04091.

We at EAS appreciate the opportunity to assist you on this project.

Sincerely,



Sarah A. Williams, M.A.
Archaeologist



Carrie D. Wills, M.A., RPA
Professional Archaeologist



Photograph 1: North facing view from the candidate location



Photograph 2: Northeast facing view from the candidate location



Photograph 3: East facing view from the candidate location



Photograph 4: Southeast facing view from the candidate location



Photograph 5: South facing view from the candidate location



Photograph 6: Southwest facing view from the candidate location



Photograph 7: West facing view from the candidate location



Photograph 8: Northwest facing view of the candidate location



Photograph 9: South facing view of the candidate location



Photograph 10: East facing view of the candidate location



Photograph 11: North facing view of the candidate location



Photograph 12: West facing view of the candidate location



Photograph 13: Southeast facing overview of the candidate location



Photograph 14: South facing view of the trenching route



Photograph 15: North facing view of the trenching route

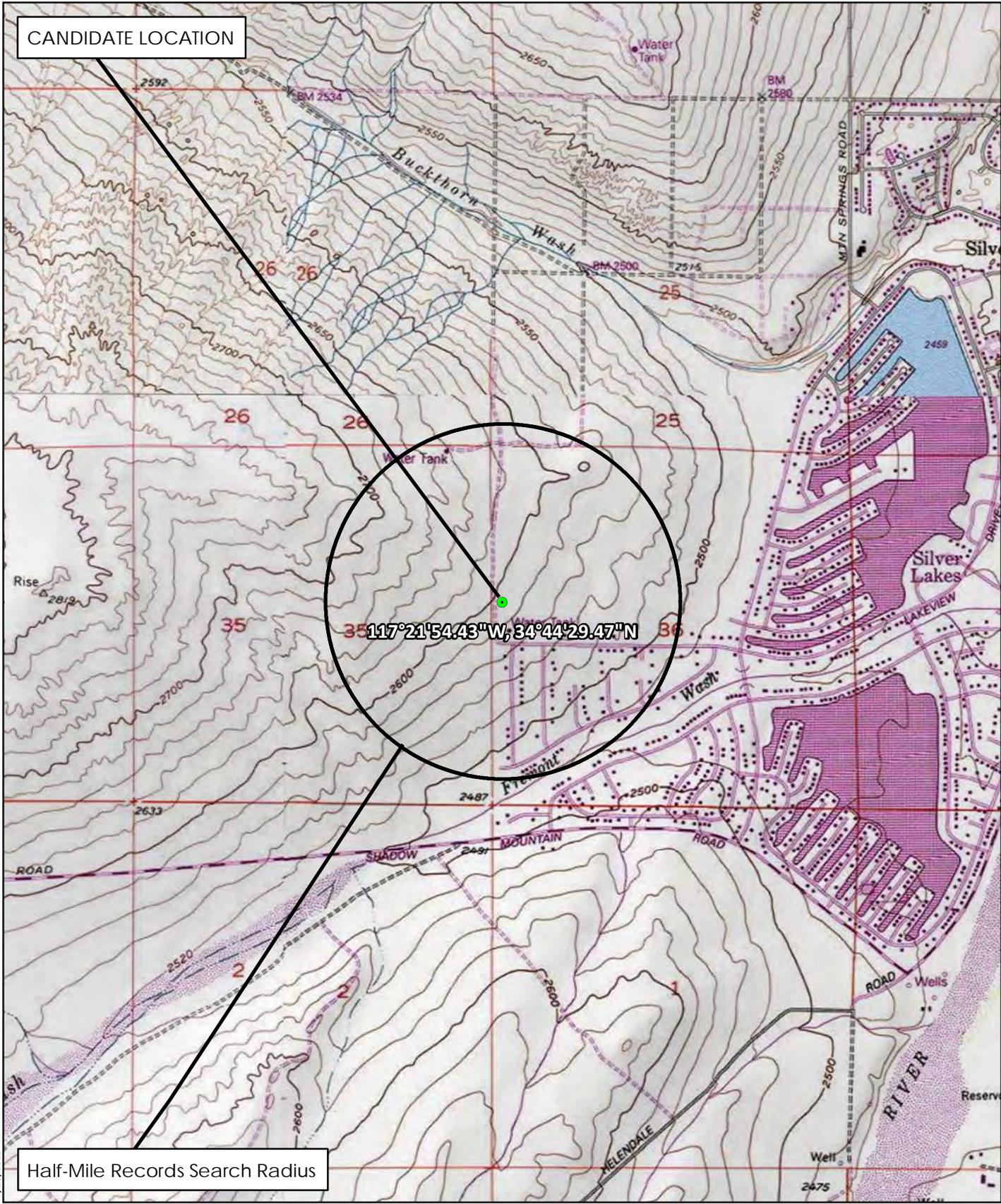


Photograph 16: North facing view of the electrical trenching route

Report List

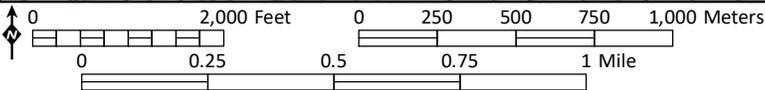
CSL04091

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
SB-00166	NADB-R - 1060166; Voided - 73-7.1	1973	SAN BERNARDINO COUNTY MUSEUM ASSOCIATION	ARCHAEOLOGICAL SURVEY OF THE MOJAVE RIVER AQUEDUCT AND RECHARGE AREAS	SAN BERNARDINO COUNTY MUSEUM ASSOCIATION	36-000186, 36-000187, 36-000188, 36-000717, 36-000718, 36-000719, 36-000720, 36-000721, 36-000998, 36-000999, 36-002074, 36-002076
SB-02032	NADB-R - 1062032; Voided - 89-7.11	1989	YORK, ANDREW	ARCHAEOLOGICAL INVENTORY OF A PROPOSED FIBER OPTICS CABLE ROUTE BETWEEN RIDGECREST AND HELENDALE, CALIFORNIA	DAMES & MOORE	36-002076, 36-002256, 36-002257, 36-003033, 36-003384, 36-003385, 36-003386, 36-003387, 36-003389, 36-003390, 36-003391, 36-003392, 36-003393, 36-003394, 36-003395, 36-004022, 36-004024, 36-004272, 36-004387, 36-004388, 36-004411, 36-005332, 36-005361, 36-005362, 36-005454, 36-005456, 36-005457, 36-005458, 36-005727, 36-005731
SB-02055	NADB-R - 1062055; Voided - 90-1.2	1990	WHITE, ROBERT S.	AN ARCHAEOLOGICAL ASSESSMENT OF TT 13989; A 287-ACRE PARCEL NEAR HELENDALE, SAN BERNARDINO COUNTY	ARCHAEOLOGICAL ASSOCIATES	36-006573
SB-05292	NADB-R - 1065292	2004	CRUZ, MICHAEL	CULTURAL RESOURCES SURVEY OF THE PROPOSED HELENDALE CELLULAR TOWER SITE; MONTEREY ROAD, HELENDALE, SAN BERNARDINO COUNTY, CALIFORNIA		
SB-05434	NADB-R - 1065434	2005	McKenna, Jeanette A.	A Phase I Cultural Resources Investigation of the Proposed Silber Mountain Estates Project Area (APNs 0465-631-016 thru 0465-631-24 in the Silver Lakes Area of San Bernardino County, California.	McKenna et al	
SB-05951		2007	Bonner, Wayne and Aislin-Kay, Maimie	Cultural Resource Records Search and Site Visit Results for T-Mobile Telecommunications Facility Candidate IE04836B (Spring/Nextel Colo) 26538 Lakeview Drive, Helendale, San Bernardino County, California	MBA	
SB-07169		2012	Billat, Lorna	Helendale Tower Collocation, Project Number LA5633A	EarthTouch	
SB-08156		2015	Fulton, Phil	Cultural Resource Assessment Class III Inventory	LSA Associates, Inc.	36-005292, 36-005951, 36-007169



7/18/2019 - N

Half-Mile Records Search Radius



CSL04091: USGS Helendale, CA 7.5' Topographic Map

Project Topographic Map



OVERVIEW

- 20+ Years' Experience
- Master's degree, Anthropology – California State University, Hayward
- Bachelor's degree, Anthropology – California State University, Hayward
- Registered Professional Archaeologist #11138
- Meets Secretary of Interior's Standards for Archaeology

Carrie D. Wills, M.A., RPA, has been a Senior Project Archaeologist for the past 20+ years working at both prehistoric and historic sites. Ms. Wills has coordinated compliance efforts and trained teams ranging in size from 2 to 12 professional archaeologists/architectural historians in the complexities of small and large scale projects and managed their time and reviewed their reports prior to submittal. Some of the talents she brings to the table combine the ability to quickly and efficiently organize, evaluate, and complete numerous projects within stringent deadlines. Ms. Wills has consistently provided feasible solutions that protect significant resources while staying within budgetary constraints. Additionally, she has excellent communication skills and enjoys working and coordinating with co-workers, other scientists, and agency personnel. Ms. Wills has always been a self-starter and is personally and professionally motivated to ensure that each of the projects she works on adheres to the highest professional standards and is completed on time and within budget.

Ms. Wills has extensive experience managing projects that include pre-field assessments, archival research, pedestrian field surveys, site evaluation and testing, and data recovery and analysis for both prehistoric and historic projects. Her experience includes conducting field research, evaluating sites and features for historic significance and preparing reports that comply with the CEQA, Section 106 and NEPA.

Ms. Wills' management skills include writing proposals that reflect a concise understanding of the project objectives and provides the client with a reasonable budget and workable time frame. She has managed projects from the early planning stages (hiring crew members, coordinating transportation, hotels, and equipment) to organizing and assigning daily tasks and ensuring that the project stays on time and within budget. She has extensive experience coordinating with various agencies including USACE, BOR, and city and county governments. Perhaps one of her main strengths is her ability to organize, write, and edit comprehensive reports that meet all of the individual agency requirements, provide the most salient details about the project, and comply with CEQA, Section 106, and NEPA regulations.

In addition, Ms. Wills has conducted numerous consultations with Native American tribal representatives and government agencies and has good working relationships built on mutual trust and respect.

RELATED EXPERIENCE

The Conservation Center for Wildlife Care, Saratoga, Santa Clara County. At the request of the Peninsula Humane Society and SPCA, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey, for the approximately 170 acre APE at the proposed Conservation Center for Wildlife Care located outside the City of Saratoga. In addition, coordinated with the project's architectural historian on the building/structure evaluations and recorded the structures on appropriate DPR forms. The final Section 106 report was presented to the USACE for submittal to the SHPO for concurrence with the Finding of No Adverse Effect.

Section 106 Assessment – DSRSD Central Dublin Recycled Water Distribution and Retrofit Project, City of Dublin, Alameda County, California. As project archaeologist/manager, conducted a cultural resource investigation that included record search reviews, historic map reviews, and a limited field survey of the proposed Central Dublin Recycled Water Distribution and Retrofit Project Area of Potential Effect (APE) that fulfilled the protocols associated with Section 106 of NHPA. The results of the investigation were submitted to archaeological staff at the Bureau of Reclamation and received concurrence with MBA's findings of effect.

Section 106 Assessment – Lake Solano Regional Park Visitor’s Center Project, County of Solano. As project archaeologist, Ms. Wills conducted a cultural resource investigation that included record search reviews and a pedestrian field survey. As the project had a federal nexus, the work included a comprehensive report that met the criteria in Section 106 of the National Historic Preservation Act. The lead agency was the Bureau of Reclamation which has specific procedures that must be followed when unanticipated human remains or cultural resources are discovered. In addition to complying with the Bureau of Reclamation procedures, the results of the research and field survey were submitted to the State Historic Preservation Officer (SHPO) for concurrence with the stated recommendations.

Section 106 Assessment /HABS Documentation – St. Regis Napa Valley Project, City of Napa, Napa County. Served as the archaeologist for a historical and architectural analysis of a historic structure in the County of Napa. Following the evaluation of the historic significance of the structure and recording it to HABS standards, the results were sent to SHPO and received concurrence with the finding of no adverse effect to historic resources.

Section 106 Evaluation – Dixon Veterans Memorial Hall Project and the Benicia Veterans Memorial Hall Project, County of Solano. Served as the lead technical consultant for an analysis of two historic structures within the County of Solano. After evaluating and recording the buildings to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

Section 106 Evaluation – Solano County Free Library Center Project, County of Solano. Served as the lead technical consultant for a historical and architectural analysis of an historic structure in the County of Solano. Also served as the senior project archaeologist. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

Section 106 Evaluation – Suisun Veterans Memorial Building Project, Suisun City. Served as the lead technical consultant for a historical and architectural analysis of an older structure in the City of Suisun City. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

East Cypress Partners, LLC, Baldochi Project, City of Oakley, Contra Costa County. As lead archaeologist, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey of the Baldocchi Project APE for East Cypress Partners, LLC. Totalling approximately 30 acres, the project included evaluation of a small homestead’s buildings and structures for submittal to the Bureau of Reclamation who in turn submitted the findings to the State Historic Preservation Officer (SHPO) for concurrence.

Branciforte Project, Santa Cruz, CA. Ms. Wills conducted various tasks within an area considered highly sensitive for archaeological resources including developing an Archaeological Monitoring and Data Recovery Plan that detailed the treatment of the known archeological site during project development. To define the possible subsurface areas where unknown human remains may have been present, at the request of the City and the Native American monitor, the highly unusual procedure of using cadaver dogs to search the area was implemented. The excavated artifacts and resources are currently being analyzed, cataloged and prepared for curation and a comprehensive report is in the final stages of completion.

Bailey-Fellowes Dike Breach Assessment. As Project Manager, Ms. Wills conducted a feasibility study and estimated cost for breaching Fellows Dike at Calero Reservoir and relocating the CRHR eligible Bailey-Fellowes House and eight other associated structures for the of Santa Clara Water District (District). The District chose two alternatives for analysis: one to repair the dike and retain the structures in place and the other to breach the dike and inundate the House and other buildings. Ms. Wills led a team of geologists, house moving companies, historic building designers, structural architects, and geologists, to analyze the two alternatives and provide the District with a feasible analysis to make their decision.

General Plan Update, County of Monterey. As senior project archaeologist, assisted in updating the General Plan with new policies including archaeological, historical, and paleontological resources. Tasks included a review of existing policies and suggestions for alternatives and updates relevant to current trends. Worked closely with Monterey County staff, agency personnel, and sub-consultants to ensure a high quality, timely Plan Update.

Historic American Buildings Survey Documentation – Larkspur 16.8-Acre Project, City of Larkspur, Marin County. Serving as project archaeologist, conducted a field survey, records and map review, and historic building evaluation for more than 20 buildings and structures associated with the circa 1920–1980 Niven Nursery in the City of Larkspur. The existing buildings and greenhouses that retained their historic integrity were evaluated for historic significance, recorded on appropriate Department of Parks and Recreation (DPR) forms, and documented to Historic American Building Survey (HABS) standards. Additionally, two prehistoric sites were previously recorded within the project area, and although neither of them was found during the pedestrian survey, to ensure site protection, construction monitoring was recommended during all ground-disturbing activities in these areas.

Historic American Buildings (HABS) Survey – KB Home Monte Vista, City of San Jose. Served as project manager for the KB Home Monte Vista Project. Conducted Historic American Buildings Survey Level III documentation for a large multi-structure canning facility, Del Monte Plant #3, in San Jose. Tasks included producing over 200 large-format, black and white photographs of exterior and interior views of the existing structures. The MBA historic report augmented the photographic documentation by placing the structures within the appropriate historic context and addressing both the architectural and historical aspects of the site's significance. Specifically, the historical report focused on the Plant's contribution to the growth of the canning industry in San José. The plant was also assessed for historic significance and found to meet the criteria for listing on the National Register of Historic Places as a District along with two other local Del Monte canneries. MBA coordinated with state, federal, and city agencies including, but not limited to, City of San Jose Department of Planning and the National Park Service HABS/Historic American Engineering Record coordinator.

Cultural Resources Assessment – Zone 3A, Line D Capacity Improvements Project and Zone 5, Line A West Levee Improvements Projects, County of Alameda. Served as project manager and senior archaeologist, conducting a cultural resource assessment for the Zone 3A Line D Capacity Improvements Project, Hayward, and the Zone 5 Line A West Levee Improvements Project, Union City. The assessment consisted of record searches, review of historic literature, and more than 20 historic aerials to provide an understanding of development within the project areas and a historical context for the projects.

Telecommunications Projects – Most Northern CA Counties. Serving as senior project archaeologist, conducted record searches and map reviews, field surveys, historic building and ground disturbance evaluations, and authored compliance reports for SHPO submittal for over 1,000 telecommunications sites. Coordinated efforts with archaeologists, architectural historians, GIS co-workers, environmental firms, and numerous carriers including AT&T, T-Mobile, Sprint and Verizon.

PROFESSIONAL AFFILIATIONS

- Society for Historical Archaeology
- Society for California Archaeology
- Register of Professional Archaeologists #11138

**Appendix C:
Biological Resources Impact Analysis
Mohave Ground Squirrel Habitat Assessment**



Environmental Assessment Specialists, Inc.

Office (818) 898-4866 Fax (818) 365-2581 www.easenv.com

**Biological Resources Impact Analysis
CSL04091 (Helendale Properties)
N/O Lakeview Dr. & East of Monterey Rd.
Helendale, San Bernardino County
California
CASPR #: 3551A0JZ5F**

Prepared for:

**AT&T Mobility, LLC
3939 E. Coronado St.
First Floor
Anaheim, CA 92807**

Prepared by:

**Contact: Martyn Leaver
Environmental Assessment Specialists, Inc.
71 San Marino Avenue
Ventura, CA 93003**

December 13, 2019

**Findings of a Biological Resources Impact Analysis
AT&T Mobility LLC Candidate CSL04091
(Helendale Properties)
N/O Lakeview Dr. & East of Monterey Rd.
Helendale, San Bernardino County, California.**

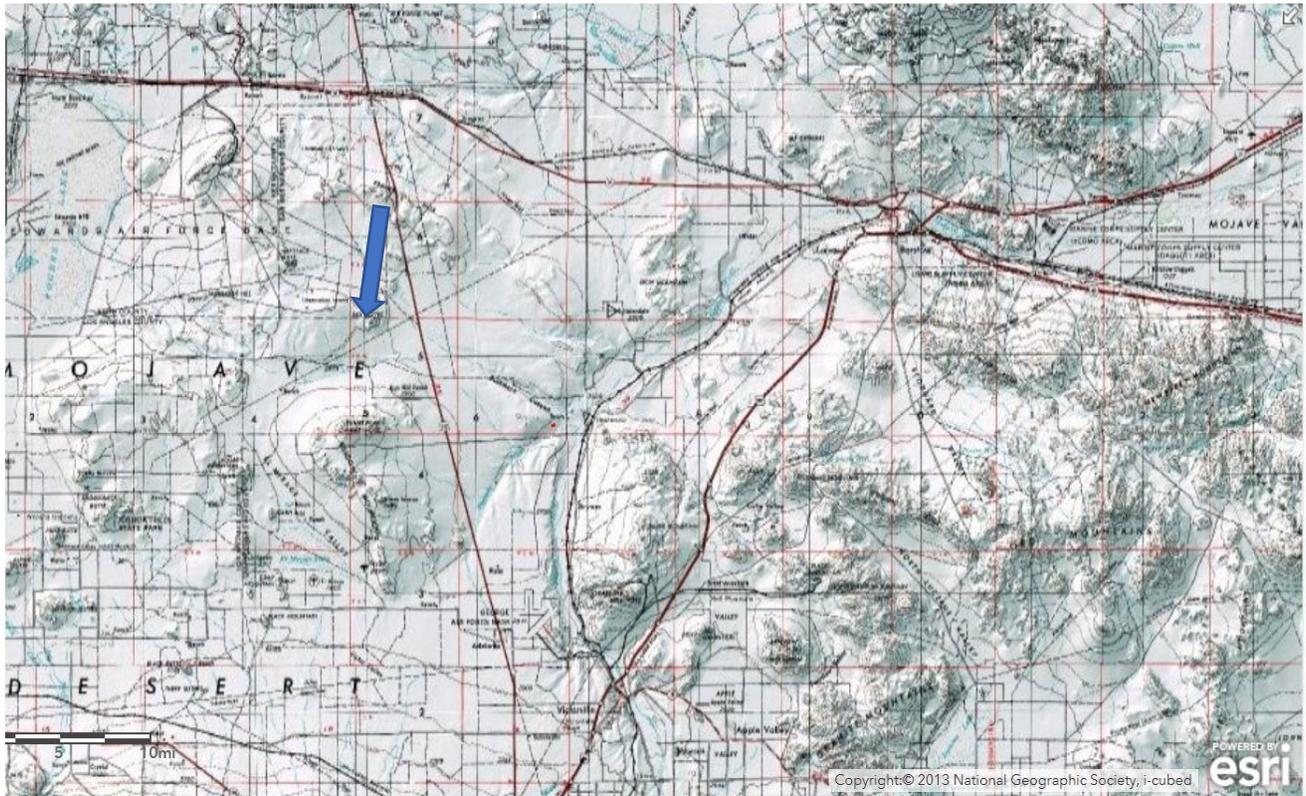
Environmental Assessment Specialists, Inc. (EAS) is pleased to submit this letter report addressing the biological resources associated with the subject AT&T Mobility, LLC (AT&T) facility located within the City of Helendale, San Bernardino County, California.

INTRODUCTION

EAS on behalf of AT&T performed an informal biological assessment for the installation of antennas on to a proposed 120' monopine. This assessment was conducted per Federal Communication Commission's (FCC) National Environmental Policy Act (NEPA) requirements to evaluate potential impacts on threatened or endangered species, and critical habitats. This informal biological assessment was conducted in conjunction with an FCC NEPA review in accordance with 47 CFR 1.1.307(a) 3.

TELECOMMUNICATION SITE DESCRIPTION

The project is generally located north of State Highway 138, west of Interstate 15, east of US Highway 395, and south of State Highway 58 in Helendale, CA. The lease area lies within the undeveloped area of Creosote Bush Scrub, on the north side of Lakeview Drive, east of Monterey Road, in Helendale, CA. Creosote Bush Scrub is a plant community dominated by Creosote bush (*Larrea tridentata*), occurring at lower elevations in the south eastern deserts. The proposed lease area is in T08N, R05W, Section 36 as depicted on the United States Geological Survey (USGS) Helendale, CA 7.5-minute topographical quadrangle map.



United States Geological Survey (USGS) Helendale, California 7.5-minute topographic quadrangle map.

AT&T proposes the installation of a new wireless telecommunications facility to be located on a new 120' monopine. The associated equipment will be installed within a 22' x 36' lease area located at the base of the tower. Approximately 500' of trenching will be required to supply power and telco utilities to the project area.

Ground disturbance will occur on the undeveloped Creosote Bush Scrub. Land use adjacent to the project site generally consists of the native California Creosote Bush Scrub to the north, west and east; with single family residential properties to the south. Native vegetation occurs in the immediate vicinity of the proposed project.

METHODS

A biologist has evaluated any biological resources present on, adjacent to, or near the project site. The evaluation has been performed to assist in determining the existence or potential occurrence of sensitive or special interest plant and animal species on the project site or in the vicinity of the site. Sensitive biological resources present, or potentially present, onsite were identified through a literature review using the following resources: California Department of Fish and Wildlife (CDFW 2019), California Natural Diversity Data Base (CNDDDB 2019), and the California Native Plant Society (Tibor 2001 and CNPSEI 2019). For the purpose of this report, "sensitive" or "special status" species are those plant or wildlife species that are federally and/or state listed species, proposed for listing, candidate species and CDFW Species of Special Concern.

The reconnaissance-level assessment of the site was conducted on foot, December 4, 2019 by Martyn Leaver, Principal Biologist of EAS (Appendix B). Weather conditions included a temperature of approximately 45 degrees Fahrenheit, winds of 0 to 5 miles per hour, and clear skies. Particular attention was focused on sensitive and special interest biological resources to determine the presence or potential occurrence of any sensitive or special interest plant or animal species. The biological resources assessment was based on the literature review and a field assessment.

VEGETATION

The proposed site will be developed within an undeveloped parcel and native vegetation occurs onsite. Vegetation on the project site primarily consists of a Creosote Bush Scrub community. Common species observed include creosote bush (*Larrea tridentata*), burrowbush (*Ambrosia dumosa*), schisms grass (*Schismus sp.*) and rubber rabbitbrush (*Chrysothamnus nauseosus*). Installation of the proposed facility will not result in any impacts to any native vegetation communities or suitable habitat for any sensitive plant or wildlife species.

GENERAL WILDLIFE

The project site and surrounding area provide habitat for wildlife species that commonly occur in Creosote Bush Scrub community. Wildlife species expected to occur onsite include western fence lizard (*Sceloporus occidentalis*), common raven (*Corvus corax*), and white-tailed antelope squirrel (*Ammospermophilus leucurus*). Several small mammal burrows were observed on or within the immediate vicinity of the project site.

SENSITIVE BIOLOGICAL RESOURCES

Special Status Species

Special status species are native species that have been accorded special legal or management protection because of concern for their continued existence. There are several categories of protection at both federal and state levels, depending on the magnitude of threat to continued existence and existing knowledge of population levels.

The U.S. Fish and Wildlife Service (USFWS) administers the federal Endangered Species Act (ESA). The ESA provides a process for listing species as either threatened or endangered, and methods of protecting listed species. The ESA defines as "endangered" any plant or animal species that is in danger of extinction throughout all or a significant portion of its range. A "threatened" species is a species that is likely to become endangered in the foreseeable future. A "proposed" species is one that has been officially proposed by USFWS for addition to the federal threatened and endangered species list.

Section 9 of the ESA prohibits “take” of threatened or endangered species. The term “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in such conduct. Take can include disturbance to habitats used by a threatened or endangered species during any portion of its life history. The presence of any federally threatened or endangered species that is in a project area generally imposes severe constraints on development, particularly if development would result in take of the species or its habitat. Under the regulations of the ESA, the USFWS may authorize take when it is incidental to, but not the purpose of, an otherwise lawful act.

The California Department of Fish and Wildlife (CDFW) administers the California Endangered Species Act (CESA). The State of California considers an “endangered” species one whose prospects of survival and reproduction are in immediate jeopardy, a “threatened” species is one present in such small numbers throughout its range that it is likely to become an endangered species in the near future in the absence of special protection or management, and a “rare” species is one present in such small numbers throughout its range that it may become endangered if its present environment worsens. The term “rare” species applies to California native plants. State threatened, and endangered species are fully protected against take, as defined above. “Species of special concern” is an informal designation used by CDFW for some declining wildlife species that are not state candidates. This designation does not provide legal protection but signifies that these species are recognized as sensitive by CDFW.

The California Native Plant Society (CNPS) has developed an inventory of California’s sensitive plant species (Tibor 2001). This inventory summarizes information on the distribution, rarity, and endangerment of California’s vascular plants. The inventory is divided into four lists based on the rarity of the species. In addition, the CNPS provides an inventory of plant communities that are considered sensitive by the state and federal resource agencies, academic institutions, and various conservation groups. Determination of the level of sensitivity is based on the number and size of remaining occurrences as well as recognized threats.

Sensitive habitats are natural communities that support concentrations of sensitive plant or wildlife species, are of relatively limited distribution, or are of particular value to wildlife (CNDDDB 2019). Sensitive habitats are not afforded legal protection unless they support protected species, except for wetland habitats, which cannot be filled without authorization from the U.S. Army Corps of Engineers (USACE) and CDFW.

The following discussion describes the special-status plants, wildlife, and habitats that have been afforded special recognition by federal, state, or local resource agencies or organizations and are known to occur in the region of the project site. Sources used for the classification of sensitive resources are as follows:

- Plants - California Department of Fish and Wildlife (CDFW April 2019), California Natural Diversity Data Base (CNDDDB 2019), and California Native Plant Society (Tibor 2001 and CNPSEI 2019).
- Habitats - CNDDDB (2019), Holland (1986).
- Wildlife - CDFW (March 2019), CNDDDB (2019).

A review of the CNDDDB and the CNPS Electronic Inventory of Rare and Endangered Vascular Plants resulted in a list of 04 sensitive plant species, 13 sensitive wildlife species, and 00 sensitive plant community(s) that occur within the Helendale, California USGS topographic quadrangle.

The sensitive plant species include:

<i>Sclerocactus polyancistrus</i>	Mojave fish-hook cactus
<i>Pediomelum castoreum</i>	Beaver Dam breadroot
<i>Mentzelia eremophila</i>	solitary blazing star
<i>Diplacus mohavensis</i>	Mojave monkeyflower

The proposed site will be developed within an undeveloped parcel and adjacent disturbances are associated with rural residential development. The proposed site and access route were observed, and none of the listed species were observed. None of the above-listed sensitive plant species are anticipated to occur onsite, and the proposed project is not anticipated to result in any impacts to sensitive plant species. No further action is recommended with regard to sensitive plant species.

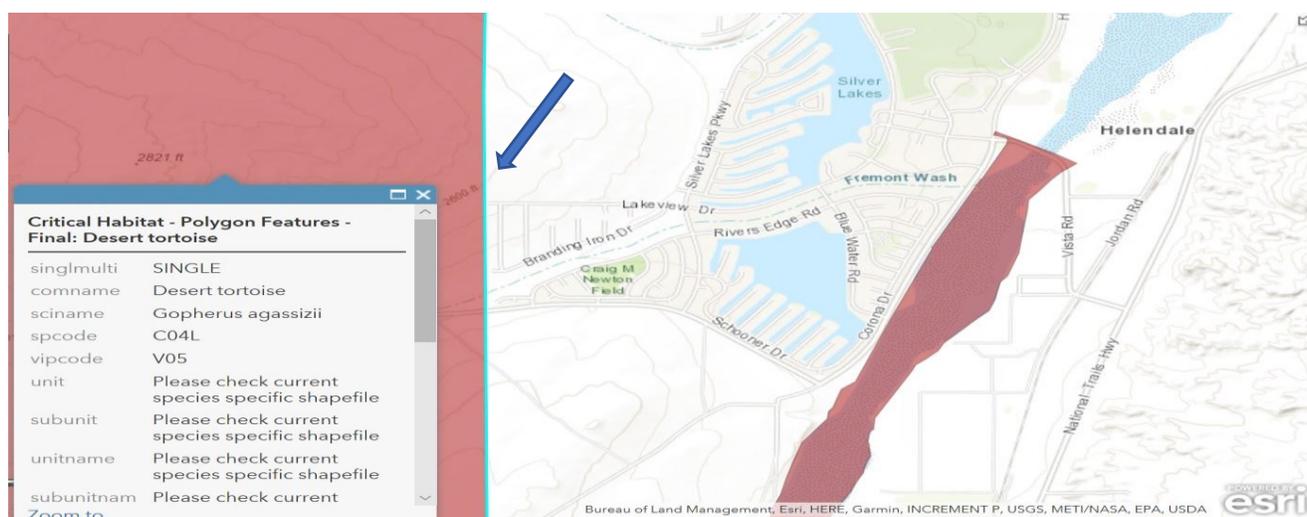
The sensitive wildlife species include:

<i>Falco columbarius</i>	merlin
<i>Falco mexicanus</i>	prairie falcon
<i>Xanthocephalus xanthocephalus</i>	yellow-headed blackbird
<i>Icteria virens</i>	yellow-breasted chat
<i>Athene cunicularia</i>	burrowing owl
<i>Vireo bellii pusillus</i>	least Bell's vireo
<i>Chaetodipus fallax pallidus</i>	pallid San Diego pocket mouse
<i>Dipodomys stephensi</i>	Stephens' kangaroo rat
<i>Microtus californicus mohavensis</i>	Mohave river vole
<i>Xerospermophilus mohavensis</i>	Mohave ground squirrel
<i>Lasionycteris noctivagans</i>	silver-haired bat
<i>Emys marmorata</i>	western pond turtle
<i>Gopherus agassizii</i>	desert tortoise

The proposed site will be developed within an undeveloped parcel and adjacent disturbances are associated with rural residential development. The proposed site and access route were observed, and none of the listed species were observed. Several small mammal burrows occur on the project site. The project site provides marginally suitable habitat for Mohave ground squirrel, burrowing owl and desert tortoise.

The sensitive plant community(s) include:

No sensitive plant communities occur on the project site.



Critical Habitat Map.

The proposed project is not located within USFW Designated Critical Habitat for the desert tortoise (*Gopherus agassizii*), federally listed as threatened. The proposed project is directly adjacent to the designated critical habitat. A pre-construction clearance survey should be conducted prior to the start of construction.

Review of the USFW National Wildlife Refuge System site indicates there are no Wildlife refuges within 50 miles of the proposed project.

Review of the Wilderness.net interactive map indicates the nearest wilderness area is the Newberry Mountains Wilderness, over 30.5 miles to the east.

Waters of the U.S.

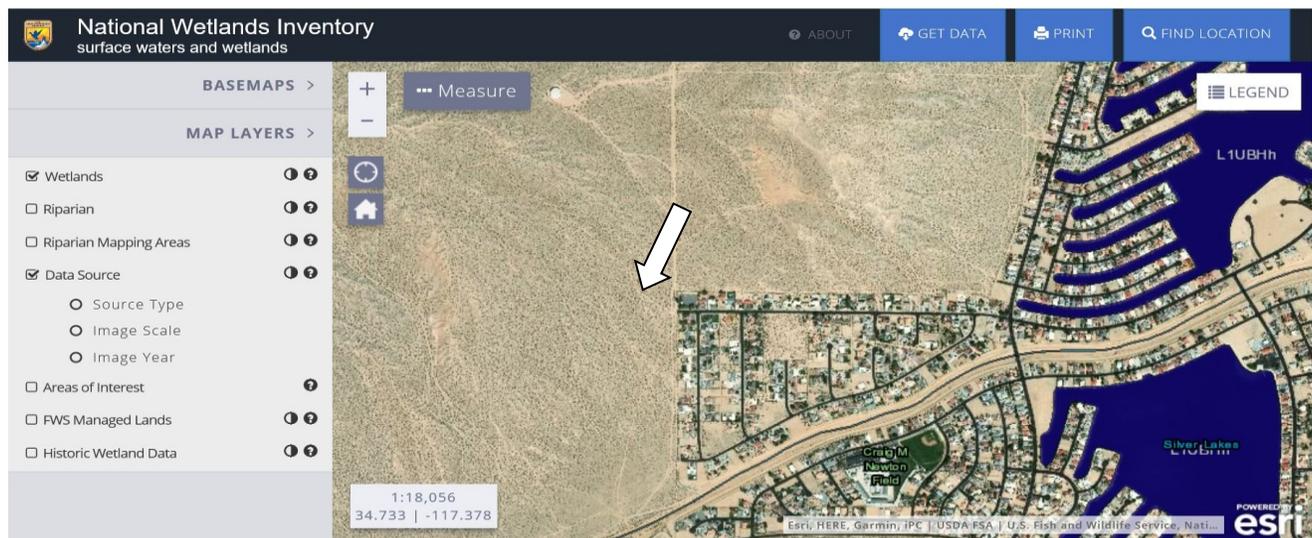
USACE jurisdiction over non-tidal waters of the United States extends laterally to the ordinary high-water mark (OHWM) or beyond the OHWM to the limit of any adjacent wetlands, if present (33 CFR 328.4). The OHWM is defined as “that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding area” [33 CFR 329.11(a) (1)]. Jurisdiction typically extends upstream to the point where the OHWM is no longer perceptible. Recently, the federal courts have restricted USACE jurisdiction over waters that are not directly connected to traditional navigable waters (isolated waters), thereby increasing the focus clearly establishing the physical connection between the subject water body(ies) as a tributary to traditional navigable waters or otherwise by directly establishing the nexus with interstate commerce.

During the biological assessment survey, the site was evaluated according to the guidelines provided in the USACE 1987 Manual (i.e. Environmental Laboratory, 1987). Waters of the U.S. were absent from the site; no water bodies having a perceptible OHWM were identified on site or adjacent to the site.

Wetlands

The USACE and EPA define “wetlands” as “areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted to life in saturated soil conditions.” In order to be considered a jurisdictional wetland under Section 404, an area must possess three wetland characteristics: hydrophytic vegetation, hydric soils, and wetland hydrology.

Each characteristic has a specific set of mandatory wetland criteria that must be satisfied in order for that wetland characteristic to be met. Several parameters may be analyzed to determine whether the criteria are satisfied.



Wetlands Map

The project site and surrounding area contain plant species commonly found in the Creosote Bush Scrub communities. No hydrophytic plant species were observed on the project site; therefore, it was not necessary to examine the other two wetland criteria (hydrology and soils), since all three criteria must be met where wetlands are present. No jurisdictional wetlands will be impacted by the installation of the proposed facility.

NESTING BIRDS

The Migratory Bird Treaty Act (MBTA) protects all common wild birds found in the United States except the house sparrow, starling, feral pigeon, and resident Wildlife birds such as pheasant, grouse, quail, and wild turkey. Resident Wildlife birds are managed separately by each state. The MBTA makes it unlawful for anyone to kill, capture, collect, possess, buy, sell, trade, ship, import, or export any migratory bird including feathers, parts, nests, or eggs.

California Fish and Game (CFG) Code 3503 makes it illegal to destroy any birds' nest or any birds' eggs that are protected under the MBTA. CFG Code 3503.5 further protects all birds in the orders Falconiformes and Strigiformes (birds of prey, such as hawks and owls) and their eggs and nests from any form of take.

No avian nests or nesting activity were observed during the field survey.

The trees and shrubs located within the immediate vicinity of the proposed utility line trench route provide suitable nesting habitat for several avian species. Therefore, pursuant to the MBTA and CFG Code, installation of the proposed facility should be conducted outside the nesting season. The nesting season generally extends from early February through August, but can vary slightly from year to year based upon seasonal weather conditions.

If facility installation must occur during the nesting season, a qualified biologist should conduct a nesting bird survey to identify any potential nesting activity. If active nests are observed, construction activity must be prohibited within a 500-foot (~160-meter) buffer around the nest until the nestlings have fledged. All construction activity within the vicinity of active nests must be conducted in the presence of a qualified biological monitor. Construction activity may encroach into the buffer area at the discretion of the biological monitor.

Northern Long-Eared Bat (NLEB)

The project is located outside of the NLEB's range. Therefore, no further action with USFWS or FCC is needed.

Sensitive Biological Resources Impact Analysis.

Based on the information provided by AT&T Mobility LLC and EAS' biological evaluation:

- The project site contains no suitable habitat for any sensitive plant species. Therefore, no sensitive plant species have a moderate or high potential to occur onsite and focused surveys are not recommended.
- Sensitive Wildlife Species: The project site contains suitable habitat for Mohave ground squirrel.

- Mohave ground squirrel (MGSQ) is state listed as threatened. MGSQ have been known to occur within the vicinity of the project site and suitable habitat for this species occurs on the site. Consequently, MGSQ has a moderate potential to occur on the project site and presence/absence surveys for MGSQ will be required to determine the potential impacts to this species as a result of the construction of the proposed facility. Surveys should be conducted from March 15 – April 15 and follow the standard protocol established by the CDFG. If MGSQ is determined to be present on the project site, potential impacts to this species will require an incidental take State Permit pursuant to Section 2081 of the California Endangered Species Act. Mitigation commonly associated with impacts to MGSQ includes payment of a mitigation fee into an appropriate mitigation bank as determined by CDFG for the loss of suitable habitat.
- As an alternate course of action, the project proponent may forego surveys and assume that Mohave ground squirrel is present on Site. As stated above, potential impacts will require a Section 2081 Permit and payment of a mitigation fee.
- Several burrows suitable for burrowing owl were observed within the vicinity of the project site. No owls or owl sign were observed during the survey and the site is considered unoccupied. Due to the presence of suitable habitat within the vicinity of the project site, a preconstruction clearance survey is recommended within two weeks of the onset of construction activity.
- The proposed project is not located within USFW Designated Critical Habitat for the desert tortoise (*Gopherus agassizii*), federally listed as threatened. The proposed project is directly adjacent to the designated critical habitat. A pre-construction clearance survey should be conducted prior to the start of construction.

We at EAS appreciate the opportunity to assist you on this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'ML', enclosed within a circular scribble. A horizontal line extends from the right side of the signature.

Martyn Leaver
Project Biologist
Environmental Assessment Specialists, Inc.
71 San Marino Avenue
Ventura, CA 93003

Appendix A- Site Photos
Appendix B — Resume

AT&T Mobility Site CSL04091

Helendale, CA

Site Photographs

View of proposed lease area (North)



View of proposed lease area (East)



AT&T Mobility Site CSL04091

Helendale, CA

Site Photographs

View of proposed lease area (South)



View of proposed lease area (West)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View from proposed lease area (North)



View from proposed lease area (East)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View from proposed lease area (South)



View from proposed lease area (West)



AT&T Mobility Site CSL04091

Helendale, CA

Site Photographs

View from near proposed lease area of proposed access road and trench line along Monterey Road (South)



View of proposed access road and trench line along Monterey Road (South)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road, trench line, and surrounding vegetation along Monterey Road (South)



View of proposed access road and trench line along Monterey Road (South)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road and trench line along Monterey Road (South)



View of proposed access road and trench line along Lakeview Drive (East)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road and trench line along Lakeview Drive (East)



View of proposed access road and trench line along Lakeview Drive (East)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road and trench line along Lakeview Drive (West)



View of proposed access road and trench line (North)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road, trench line, and nearby vegetation (North)



View of proposed access road and trench line (North)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road and trench line (North)



View of wooden marker near proposed access road leading to proposed lease area (East)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of proposed access road to proposed lease area (East)



View of SCE manhole to be utilized as proposed AT&T power P.O.C



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of fiber pullbox to be utilized as AT&T telco P.O.C.



View of SCE electric pullbox



AT&T Mobility Site CSL04091

Helendale, CA

Site Photographs

View of existing Verizon myers pedestal



View of existing Nextel/Sprint myers pedestal



View of SCE manhole and utilities air vent



View of air vent for SCE utilities



View of access driveway and gate to Helendale lakeview tank site (North)



Closer view of gate to tank site (North)



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View through fence of equipment for existing towers



View of vegetation near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of vegetation near proposed lease area



View of vegetation near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of vegetation near proposed lease area



View of vegetation near proposed trench line



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of vegetation near proposed trench line



View of vegetation near proposed trench line



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of vegetation near proposed trench line



View of animal burrows near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of ground and vegetation in proposed lease area



View of animal burrow near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of animal burrow near proposed lease area



View of animal burrows near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of debris near proposed lease area



View of debris near proposed lease area



AT&T Mobility Site CSL04091
Helendale, CA
Site Photographs

View of existing tower



View of existing monopine



MARTYN LEAVER

PROFESSIONAL HISTORY

Environmental Assessment
Specialists

Project Manager
Biologist

EDUCATION

B.A., Biological Sciences,
University of
Missouri, Kansas
City. School of
Biological Sciences

BIOLOGIST

Mr. Leaver is a Biologist, Graduated from University of Missouri, school of biological sciences. He has inventoried both plant and wildlife in Missouri, and consulted on Biological projects in California. Mr. Leaver has performed and managed Environmental Assessments and Investigations for the past 20 years. Mr. Leaver has extensive knowledge of the National Environmental Policy Act (NEPA) and National Historic Preservation Action Section 106 requirements for the FCC wireless industry. Mr. Leaver has also been involved in the Consultation with Native American Tribes regarding Telecommunications projects in California.

PROJECT MANAGER

PROFESSIONAL EXPERIENCE

- Provided QA/QC review of environmental reports including NEPA environmental screens, cultural resource surveys, architectural historian surveys, view shed surveys, and biological assessments.
- Managed environmental vendors for EAS West Region (California) and Northwest Region (Washington).
- Participated in tracing source of E.coli contamination, in the Brush Creek Flood Control Project, Kansas City, Missouri.
- Researched the effects of river bank construction on resident beaver populations along the Missouri River.
- Conducted fish population survey on Blue Springs Creek, Blue Springs, Missouri.
- Performed Biological resource investigations with Database searches using the California Natural Diversity Database, for light industrial, telecommunications, commercial facilities, residential developments and vacant parcels.

HELIX Environmental Planning, Inc.
7578 El Cajon Boulevard
La Mesa, CA 91942
619.462.1515 tel
619.462.0552 fax
www.helixepi.com



January 22, 2020

EAS-56

Mr. Gavin Leaver
Environmental Assessment Specialists, Inc.
71 San Marino Avenue
Ventura, CA 93003

Subject: Mohave Ground Squirrel Habitat Assessment
AT&T Mobility LLC Candidate CSL04091 (Helendale Properties)
Helendale, San Bernardino County, California

Dear Mr. Leaver:

HELIX Environmental Planning, Inc. (HELIX) has completed a Mohave ground squirrel (*Xerospermophilus mohavensis*; MGS) habitat assessment for the AT&T Mobility LLC Candidate CSL04091 (Helendale Properties) Wireless Telecommunications Project (project) located in the unincorporated community of Helendale, San Bernardino County, California. This report presents the methods and results of the assessment.

PROJECT SITE LOCATION AND DESCRIPTION

The project site is generally located within the western portion of the City of Helendale, west of Highway 66, east of Highway 395, south of Highway 58, and north of Shadow Mountain Road in unincorporated San Bernardino County, California (Figure 1, *Regional Location*). The site occurs within Township 8 North, Range 5 West, and Section 36 of the Helendale U.S. Geological Survey (USGS) 7.5-minute quadrangle map (Figure 2, *USGS Topography*). Specifically, the project site is located directly north of the intersection of Lakeview Drive and Monterey Road (Figure 3, *Aerial Vicinity*).

The project site is flat, with soils comprised of Cajon loamy sand and an average elevation of approximately 2,605 feet above mean sea level. The project site is undeveloped, with creosote bush scrub occurring to the east, west, and north, and private residential developments occurring to the south and further to the east.

PROJECT DESCRIPTION

The proposed project is an unmanned wireless telecommunications facility, including monopine with mounted panel antennas, equipment shelter, and trenching for power and telco utilities.

METHODS

Pre-Survey Investigation

Prior to conducting field surveys, a thorough review of relevant maps, databases, and literature pertaining to the target species within project vicinity was performed. Recent and historical aerial imagery, soils data, U.S. Geological Survey (USGS) topography, and other maps (Google 2019) of the project site and vicinity were reviewed, in addition to the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB; CDFW 2019), published information from CDFW (CDFG 2010a, CDFG 2010b, CDFG 1990, CDFG 2008), and recent reports of MGS surveys and trapping in the area (Leitner 2015).

Habitat Assessment Survey

The habitat assessment survey for Mohave ground squirrel was conducted on and within 500 feet of the project site (Figure 4, *Survey Area*) by HELIX biologist Dane van Tamelen on January 16, 2020. Mr. van Tamelen walked the entire survey area to allow for 100 percent visual coverage of potential habitat within the survey area. Mr. van Tamelen surveyed the approximately 0.15-acre project site using transects less than 10 meters apart to achieve 100 percent coverage. Additional belt transects were surveyed within 500 feet of the project impact area. Areas with restricted access on private land that included potential habitat were surveyed from the perimeter with binoculars.

MOHAVE GROUND SQUIRREL BIOLOGY

General Description and Life History

MGS is a California endemic species that is listed as threatened under the California Endangered Species Act. The species has been petitioned for listing under the federal Endangered Species Act; however, is not currently federally listed (CDFG 2010a).

MGS is one of two members of the subgenus *Xerospermophilus*, which also includes the round-tailed ground squirrel (*Spermophilus tereticaudus*; RTGS). The ranges of the two species do not overlap. Analysis of chromosomal and genetic data supports the separation of MGS and round-tailed ground squirrel as two separate species.

MGS is a medium-sized ground squirrel that measures 8-9 inches in total length, 2-3 inches in tail length, and 1-1.5 inches in hind foot length. There is little difference in size between the sexes. Dorsal coloration is uniformly light gray or brown, often with a wash of cinnamon or pink, while ventral coloration is creamy. Their ears are small, and eyelids are white. MGS can be distinguished from round-tailed ground squirrel by their shorter, flatter tail, which has a white ventral surface, and their brown, rather than white, cheeks. MGS also has a larger head than round-tailed ground squirrels.

MGS eats a wide variety of green vegetation, seeds, and fruits and forages on the ground or in shrubs and Joshua trees (*Yucca brevifolia*). Squirrels cache collected food and obtain water from their diet; however, they will drink free water if available. MGS are known to use burrows at the base of shrubs for cover and nesting. Nests are built within the burrow system and may be as long as 20 feet, and as deep

as 3.3 feet. Young are born from March to May, with a peak in April, and an average litter size of six (CDFG 1990).

The MGS is a diurnal ground squirrel, and active above ground in the spring and early summer. Emergence dates vary from March to June, depending on elevation. Squirrels begin aestivation in July or August. Stored body fat is the principal source of energy during aestivation, although food is also stored, and captive individuals eat during intermittent periods of wakefulness (CDFG 1990). Natural predators include badgers, foxes, coyotes, hawks, and eagles.

Species Range

The Mohave ground squirrel has a restricted geographic range in the western Mojave Desert in San Bernardino, Los Angeles, Kern, and Inyo counties, ranging from near Palmdale on the southwest to Lucerne Valley on the southeast, Olancho on the northwest and the Avawatz Mountains on the northeast (CDFG 2010a). This species has been found from 1,800 to 5,000 feet elevation (CDFG 1990). There are few historical records of sightings in the general area (CDFW 2019). Approximately two miles northeast, 16 MGS were recorded in 1977, 10 of which were thought to be RTGS hybrids. In 1983, two MGS, one being a known RTGS hybrid, were recorded, and no MGS were detected in 2004, 2006, or 2015. It is evident that, at least historically, the general area contained a population of Mohave ground squirrel, but none have been observed in over 35 years.

Habitat Requirements

Potential habitat is land supporting desert shrub vegetation within or adjacent to the geographic range of the species. Examples of desert shrub vegetation that is known to provide habitat for the Mohave ground squirrel include, but are not limited to, Mojave creosote bush scrub, Mojave mixed woody scrub, and desert saltbush scrub as described in Holland (1986). MGS are found in a variety of habitats of the western Mojave Desert but seem to prefer habitat with a variety of shrub species (CDFG 2010b). This species also feeds in annual grasslands (CDFG 1990). This species prefers sandy to gravelly soils and avoids rocky areas.

RESULTS

Although the survey conducted revealed potentially suitable vegetation and soils for MGS, the species has a low potential to occur on the project site for reasons discussed below.

The project site is located on the southeastern edge of the historic range of MGS with no recent activity recorded nearby. No MGS have been observed within 7 miles of the site in the past 9 years (CDFW 2019), and recent nearby trapping efforts reviewed for this assessment have all been negative (CDFG 2008; Leitner 2015). Despite trapping efforts in San Bernardino County conducted between 2008 and 2012, the efforts did not result in any MGS captures within the project area and vicinity. Furthermore, the southern portion of the historic range was the most intensely sampled and suggests local extirpations may have recently occurred throughout much of the southern part of the historic range (Leitner 2015). The most recent and nearby MGS observation occurred in 2011 approximately 7 miles northwest of the project site. The project site is also over 15 miles southeast of the nearest Bureau of Land Management identified core population area for the species (CDFG 2008).

No MGS or sign were observed within the project site during the habitat assessment. The project site is highly disturbed and dominated by creosote bush (*Larrea tridentata*), stipa grass (*Stipa* spp.), and several other common desert species. Winterfat (*Krascheninnikovia lanata*), spiny hopsage (*Grayia spinosa*), and lyceum (*Lyceum* spp.), three plant species commonly associated with MGS, were not observed on site. Signs of domestic dog, a known MGS predator, were observed on and around the project site. Additional anthropogenic disturbance at and around the site included trash and impacts resulting from off-road vehicle use.

CONCLUSION

The project site does not support high-quality habitat for MGS and the species was found to have a low potential to occur. This conclusion is based on the project's location at the edge of the MGS's historic range, negative trapping records in the project vicinity, lack of shrub species commonly associated with this species, the high level of disturbance, and lack of MGS and other small mammal sign observed on the site.

CLOSING

We appreciate the opportunity to provide you with this habitat assessment letter report. If you have questions regarding the information presented in this letter report, please contact me or Karl Osmundson at (619) 462-1515.

Sincerely,



Dane van Tamelen
Biologist

Attachments:

- Figure 1: Regional Location
- Figure 2: Local Aerial
- Figure 3: Local USGS
- Figure 4: Survey Area

REFERENCES

- California Department of Fish and Game (CDFG). 2010a. Mohave Ground Squirrel Conservation Priorities. Prepared by the Mohave Ground Squirrel Technical Advisory Group. December 23, 2010.
- 2010b. Mohave Ground Squirrel Survey Guidelines. January 2003; Revised July 2010.
2008. Current Status of the Mohave Ground Squirrel. Online:
<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=15148&inline>.
1990. California Wildlife Habitat Relationships System: Mohave Ground Squirrel (*Xerospermophilus mohavensis*). Originally published 1988-1990.
- California Department of Fish and Wildlife (CDFW). 2019. California Natural Diversity Database (CNDDB): Rare Find Database Program, Version 5.1.1. Online database updated June 1.
- Google. 2019. Google Earth 5.0. Available online at: <http://earth.google.com/>
- Holland, R. F. 1986. Preliminary descriptions of the terrestrial natural communities of California. Nongame Heritage Program report. California Department of Fish and Game (Sacramento), 156 pages.
- Leitner, P. 2015. Current Status of the Mohave Ground Squirrel (*Xerospermophilus mohavensis*): A Five-Year Update (2008-2012). *Western Wildlife* 2:9-22

**Appendix D:
NAHC List
NAHC Response Memo
NAHC Tribal Response
NAHC & OCP Letters**

**Native American Heritage Commission
Native American Contact List
San Bernardino County
8/16/2019**

Kern Valley Indian Community

Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA, 93240
Phone: (661) 340 - 0032

Kawaiisu
Tubatulabal
Koso

Serrano Nation of Mission Indians

Wayne Walker, Co-Chairperson
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serranonation1@gmail.com

Serrano

Kern Valley Indian Community

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Kawaiisu
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Serrano

Morongo Band of Mission Indians

Robert Martin, Chairperson
12700 Pumarra Rroad
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Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov

Cahuilla
Serrano

Tubatulabals of Kern Valley

Robert L. Gomez, Chairperson
P.O. Box 226
Lake Isabella, CA, 93240
Phone: (760) 379 - 4590
Fax: (760) 379-4592

Tubatulabal

Morongo Band of Mission Indians

Denisa Torres, Cultural Resources
Manager
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Banning, CA, 92220
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dtorres@morongo-nsn.gov

Cahuilla
Serrano

San Fernando Band of Mission Indians

Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA, 91322
Phone: (503) 539 - 0933
Fax: (503) 574-3308
ddyocum@comcast.net

Kitanemuk
Vanyume
Tataviam

San Manuel Band of Mission Indians

Lee Clauss, Director of Cultural
Resources
26569 Community Center Drive
Highland, CA, 92346
Phone: (909) 864 - 8933
Fax: (909) 864-3370
lclauss@sanmanuel-nsn.gov

Serrano

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed CSL04091 Project, San Bernardino County.



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

Date: September 16, 2019

To: AT&T Mobility, LLC

Site: CSL04091 (Helendale Properties)

TCNS ID: 187991

CASPR No.: 3551A0JZ5F

From: Gavin Leaver

Subject: Summary of Contacted NAHC and Historical Societies Responses

As of the date of this memo, we have received the following responses from notified Native American Tribes in association with the proposed AT&T Mobility, LLC telecommunications project.

- 8/30/2019 Morongo Band of Mission Indians – No Additional Information to Provide

We have not received any response from the contacted Historical Societies regarding the proposed telecommunications project.

Sincerely, _____

A handwritten signature in black ink that reads "Gavin Leaver". The signature is written in a cursive, flowing style.

Gavin Leaver

Environmental Assessment Specialists, Inc.

Natalie Johnston

From: Gavin Leaver
Sent: Friday, August 30, 2019 1:21 PM
To: Natalie Johnston
Subject: FW: CSL04091

Gavin Leaver
Environmental Assessment Specialists, Inc.
GJL1999@EASenv.com
Cell: 818 389 1506



From: Tribal Historic Preservation Office <thpo@morongo-nsn.gov>
Sent: Friday, August 30, 2019 1:19 PM
To: Gavin Leaver <gjl1999@easenv.com>
Subject: CSL04091

Hello,

Regarding the above referenced project, we have no additional information to provide at this time.

Thank you for reaching out to our office.

Sincerely,

Travis Armstrong
Tribal Historic Preservation Officer
Morongo Band of Mission Indians
951-755-5259
Email: thpo@morongo-nsn.gov



The information contained in this communication is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, or distribution of this information is strictly prohibited and may be unlawful.

For your safety, the contents of this email have been scanned for viruses and malware.



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

San Bernardino Zoning Planning
County Government Center
385 N. Arrowhead Ave.
San Bernardino, CA 92415

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

Environmental Assessment Specialists, Inc. (EAS) is under contract with AT&T Mobility, LLC (AT&T) to submit this proposed telecommunication site information to Native American tribal groups and other interested parties for review. Your response would be greatly appreciated. This submittal is being requested for compliance with Federal Communications Commission (FCC) regulation 47 CFR 1.1201-19 to determine if the site will impact historic places and/or archaeologically sensitive sites. Below please find the proposed site description for the above-referenced telecommunications facility.

Site Location and Description

The lease area lies in S36, T8N, R5W (San Bernardino Baseline and Meridian) as shown on the USGS Helendale, CA 7.5-minute quadrangle map. AT&T proposes the installation of a new wireless telecommunications facility at this location. Proposed is the installation of a new monopine with antennas. Associated equipment will be placed at grade within a new lease area. Trenching will be required for utilities.

If you have any questions regarding historical resources, please feel free to contact me at (818) 898-4866, or via U.S. mail or e-mail at the addresses listed below. Thank you for your consideration, and we hope to hear from you soon. (Note: If requesting monitoring, please send an e-mail or letter [via U.S. mail] for our records.)

Sincerely,

Gavin Leaver

Environmental Assessment Specialists, Inc.

Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

San Bernardino History & Pioneer Society
796 N D St
San Bernardino, CA 92401

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

San Manuel Band of Mission Indians
Lee Clauss, Director-CRM Dept.
26569 Community Center Drive
Highland, CA 92346

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P.O. Box 343
Patton, CA 92369

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Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Tubatulabals of Kern Valley
Robert L. Gomez Jr., Tribal Chairperson
P.O. Box 226
Lake Isabella, CA 93240

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Kern Valley Indian Community
Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA 93283

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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Environmental Assessment Specialists, Inc.

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Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Morongo Band of Mission Indians
Denisa Torres, Cultural Resources Manager
12700 Pumarra Road
Banning, CA 92220

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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If you have any questions regarding historical resources, please feel free to contact me at (818) 898-4866, or via U.S. mail or e-mail at the addresses listed below. Thank you for your consideration, and we hope to hear from you soon. (Note: If requesting monitoring, please send an e-mail or letter [via U.S. mail] for our records.)

Sincerely,

Gavin Leaver

Environmental Assessment Specialists, Inc.

Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Kern Valley Indian Community
Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA 93283

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

Serrano Nation of Mission Indians
Wayne Walker, Co-Chairperson
P.O. Box 343
Patton, CA 92369

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

San Fernando Band of Mission Indians
Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA 91322

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September 2, 2019

San Manuel Band of Mission Indians
Lee Clauss, Director-CRM Dept.
26569 Community Center Drive
Highland, CA 92346

RE: SECOND REQUEST: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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September 2, 2019

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Mark Cochrane, Co-Chairperson
P.O. Box 343
Patton, CA 92369

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September 2, 2019

Tubatulabals of Kern Valley
Robert L. Gomez Jr., Tribal Chairperson
P.O. Box 226
Lake Isabella, CA 93240

RE: SECOND REQUEST: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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September 2, 2019

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

RE: SECOND REQUEST: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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September 2, 2019

Kern Valley Indian Community
Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA 93283

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September 2, 2019

Morongo Band of Mission Indians
Denisa Torres, Cultural Resources Manager
12700 Pumarra Road
Banning, CA 92220

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September 2, 2019

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Julie Turner, Secretary
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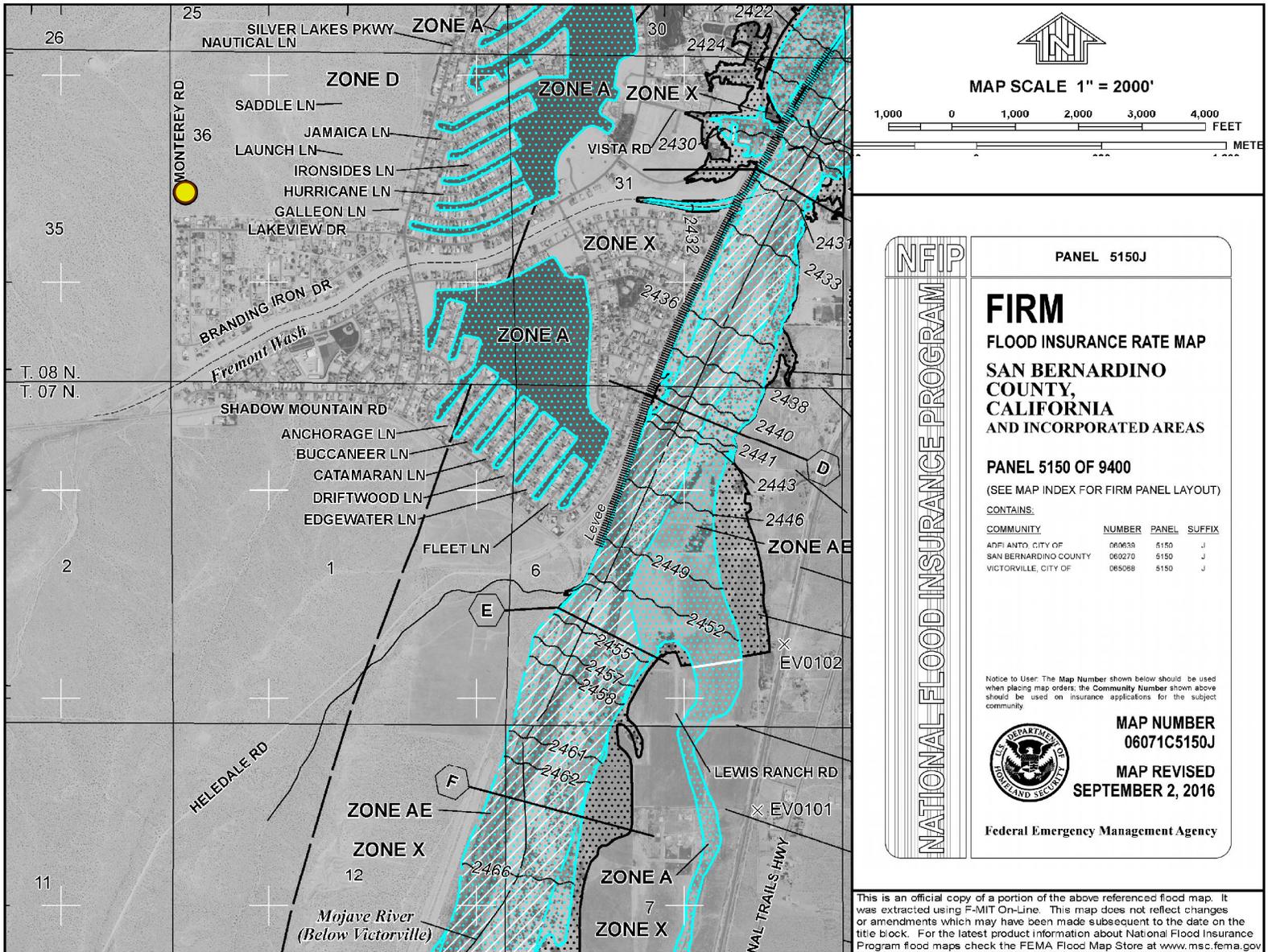
Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344

Appendix E: FEMA Map



Certificate No: 69709668
 Request Date: 07/17/2019
 Completion Date: 07/18/2019



Request ID: 6619229
 Reference: CSL04091
 Coordinates: LAT 34° 44' 29.47" N LON 117° 21' 54.43" W

Flood Zone: Zone D
 Comm Number: 060270
 Map Panel: 06071C5150J
 CommName: San Bernardino County, CA

Appendix F: SHPO Submittal Package



DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION

Lisa Ann L. Mangat, Director

Julianne Polanco, State Historic Preservation Officer
1725 23rd Street, Suite 100, Sacramento, CA 95816-7100
Telephone: (916) 445-7000 FAX: (916) 445-7053
calshpo.ohp@parks.ca.gov www.ohp.parks.ca.gov

October 23, 2019

Reply In Reference To: FCC_2019_0916_008

Carrie Wills
EAS
16485 Laguna Canyon Rd., Suite 150
Irvine, CA 92618

RE: CSL04091 (Helendale Properties) North of Lakeview Drive and East of Monterey Road, Helendale, San Bernardino County, New Tower

Dear Ms. Wills:

The Office of Historic Preservation (OHP) received your submittal initiating consultation on behalf of the Federal Communications Commission (FCC) regarding compliance with Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. 470f), as amended, and its implementing regulation at 36 CFR Part 800. The consultation has been submitted pursuant to the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission, September 2004* (PA). The applicant is requesting OHP to concur that the above referenced undertaking will not affect historic properties.

The FCC licensee or tower company (applicant) proposes to construct and operate an unmanned cellular communications facility at the above-referenced address. The applicant has submitted a project description, maps, photographs, results of a regional information center record search, and evidence of Native American (NA) consultation and public notification.

Based on the applicant's submittal packet, I **concur** that the undertaking as described will not affect historic properties. Should ground disturbing work expose cultural artifacts, please halt such work at the find until an archaeologist meeting the Secretary of the Interior's Professional Standards and Qualifications has determined its nature and significance.

Ms. Carrie Wills
October 23, 2019
Page 2 of 2

FCC_2019_0916_008

Be advised that under certain circumstances, such as an unanticipated discovery or a change in project description, that there may be additional future responsibilities for this undertaking under 36 CFR Part 800. Please direct questions to Michelle C. Messinger, State Historian II at (916) 445-7005 or at Michelle.Messinger@parks.ca.gov

Sincerely,

A handwritten signature in blue ink, consisting of a stylized 'J' followed by a horizontal line extending to the right.

Julianne Polanco
State Historic Preservation Officer

**OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION**

1725 23rd Street, Suite 100
SACRAMENTO, CA 95816-7100
(916) 445-7000 Fax: (916) 445-7053
calshpo@parks.ca.gov
www.ohp.parks.ca.gov



Dear FCC Applicant:

Section 106 FCC submissions will not be accepted unless this cover sheet is completed and attached.

Project Name CSL04091 (Helendale Properties)
Project Address North of Lakeview Drive and East of Monterey Road, Helendale, CA 92342

Based on the information provided on the accompanying FCC Form 620 or Form 621 the following information applies to this project:

X	There are buildings or structures over 45 years of age within this project's direct/indirect area of potential effect (APE).
	There is an archeological site located within this project's direct APE.
	A qualified archeologist has determined that the proposed project area is considered moderately to highly sensitive for archeological resources.

If the above boxes are blank, there are no historic properties within the direct or indirect project area. Therefore, pursuant to Stipulation VII.B.2 of the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* as quoted below, **your Section 106 responsibilities are complete:**

If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of No Historic Properties Affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties Exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

____ Yes, this submission contains an eligibility determination requiring SHPO concurrence. ____ Yes, this submission contains tribal response.

This project will: Not Not Adversely ____ Adversely ____ affect Historic Properties.
The qualified project archeologist acknowledges that a pedestrian survey has been completed, a record search has been conducted at the appropriate California Historic Resources Information Center (IC) and that all submitted information is true.

Archeologist's signature Carrie D. Wills Date September 10, 2019

Please note, this letter pertains only to FCC projects being submitted to the California SHPO for comment.

Sincerely,

Julianne Polanco
State Historic Preservation Officer

New Tower ("NT") Submission Packet

FCC FORM 620

1. Applicant Information

Full Legal Name of Applicant: **AT&T Mobility, LLC c/o Environmental Assessment Specialists, Inc. (EAS)**

Name and Title of Contact Person: **Gavin Leaver**

Address of Contact Person (including Zip Code): **71 San Marino Avenue
Ventura, CA 93003**

Phone: **(818) 898-4866** Fax: **(818) 365-2581**

E-mail address: **gjl1999@easenv.com**

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:
Environmental Assessment Specialists, Inc.

Name of Principal Investigator: **Carrie D. Wills, M.A.**

Title of Principal Investigator: **Registered Professional Archaeologist**

Investigator's Address: **16485 Laguna Canyon Road, Suite 150**

City: **Irvine** State: **CA** Zip Code: **92618**

Phone: **(619) 462-1515** Fax: **(619) 462-0552**

E-mail Address: **ALM@helixepi.com**

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?¹ **YES** / NO.

¹ The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039

Estimated Time Per Response:
.5 to 10 hours

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: **Archaeology**

Other "Secretary of the Interior qualified" staff who worked on the Submission Packet (provide name(s) as well as well as the area(s) in which they are qualified):

3. Site Information: CSL04091 (Helendale Properties)

a. Street Address of Site: **North of Lakeview Drive and East of Monterey Road, Helendale, CA 92342**

County / Parish: **San Bernardino County**

b. Nearest Crossroads: **Lakeview Drive and Monterey Road**

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):
34° 44' 29.47" N; -117° 21' 54.43" W

d. Proposed tower height above ground level:² **120 feet**

e. Tower type:

guyed lattice tower self-supporting lattice monopine

Slim Line pole

² Include top-mounted attachments such as lightning rods.

Applicant's Name: **AT&T Mobility, LLC**
Project Number: **CSL04091**
Project Name: **Helendale Properties**

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Approved by OMB
3060-1039

Estimated Time Per Response:
.5 to 10 hours

4. Project Status:³

- a. Construction not yet commenced;
- b. Construction commenced on [date] _____; or,
- c. Construction commenced on [date] _____ and was completed on [date] _____.

5. Applicant's Determination of Effect:

a. Direct Effects (check one):

- i. No Historic Properties in Area of Potential Effects ("APE") for direct effects;
- ii. "No effect" on Historic Properties in APE for direct effects;
- iii. "No adverse effect" on Historic Properties in APE for direct effects;
- iv. "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. Visual Effects (check one):

- i. No Historic Properties in Area of Potential Effects ("APE") for visual effects;
- ii. "No effect" on Historic Properties in APE for visual effects;
- iii. "No adverse effect" on Historic Properties in APE for visual effects;
- iv. "Adverse effect" on one or more Historic Properties in APE for visual effects.

³ Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. See Section X of the Nationwide Agreement.

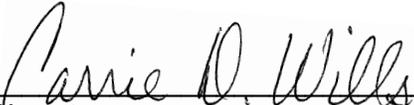
Applicant's Name: **AT&T Mobility, LLC**
Project Number: **CSL04091**
Project Name: **Helendale Properties**

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



Signature

September 10, 2019

Date

Carrie D. Wills, M.A.

Printed Name

Registered Professional Archaeologist
Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503).

Applicant's Name: **AT&T Mobility, LLC**
Project Number: **CSL04091**
Project Name: **Helendale Properties**

ATTACHMENT 1.

CULTURAL RESOURCE ASSESSMENT AND RESUME

Resume for Carrie Wills is also on File at the State OHP.



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003

Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

September 5, 2019

AT&T Mobility, LLC
1452 Edinger Avenue, 3rd Floor
Tustin, CA 92780

Subject: Cultural Resources Records Search and Site Visit Results for AT&T Mobility, LLC Candidate CSLO4091 (Helendale Properties), North of Lakeview Drive and East of Monterey Road, Helendale, San Bernardino County, California (CASPR# 3551AOJZ5F)

At the request of AT&T Mobility, LLC (AT&T), EAS has conducted a cultural resources records search and site visit for AT&T candidate CSLO4091 (Helendale Properties), located north of Lakeview Drive and East of Monterey Road, Helendale, CA 92342. The lease area lies in Section 36 of T.8N, R.5W (San Bernardino Baseline and Meridian) as shown on the USGS *Helendale, CA* 7.5-minute quadrangle map. AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0" x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30-kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power.

The purpose of the record search is to identify all previously recorded cultural resources (prehistoric and historic archaeological sites, historic buildings, structures, objects, or districts) within the area of potential effect (APE), as required by Section 106 of the National Historic Preservation Act (NHPA) of 1966 and its implementing regulations, 36 CFR Part 800. It entails a review of all previously recorded prehistoric and historic archaeological sites situated within a half-mile radius of the candidate, as well as a review of all cultural resource survey/excavation reports. The purpose of the site visit is to determine the APE associated with the candidate. The lease area and the locations of planned project-related excavations (if any) were visited and photographed. The APE was established with reference to planned-for candidate construction methods, the existing topography and the current level of local urbanization

On August 1, 2019, Sarah Williams, M.A. conducted the cultural resources records search at the South Central Coastal Information Center (SCCIC), which is located at the California State University, Fullerton. To identify any historic properties on or near the candidate, we examined current inventories of the National Register of Historic Places (NR), the California Historical Landmarks (CHL), and the California Points of Historical Interest (CPHI). We also reviewed the California State Historic Resources Inventory (HRI) for San Bernardino County to determine any local resources that have been previously evaluated for historic significance. In addition, archival maps were inspected for indications of historical structures in the area.

Cultural Resources Records Search Results

The results of the records search indicate that two cultural resources have been recorded within the search radius (see Table 1 and 2). Eight area-specific survey reports are on file with the SCCIC for the search radius. None of these addressed the candidate location, suggesting the project area has not been previously surveyed for cultural resources (see Table 3).

Table 1: Known Cultural Resources Within a half-mile radius of the candidate location

<u>Site Number</u>	<u>Distance from the candidate</u>	<u>Resource Description</u>
P36-061218	2500 feet north	Isolate chert flake
P36-061216	2500 feet east	Isolate chert flake

Table 2: Structures or Features with a half-mile radius of the candidate location from the San Bernardino County HRI, NR, CR, CHL, and/or CHPI inventories

<u>Address</u>	<u>Distance from the candidate</u>	<u>Resource Description</u>
None		

Table 3: Known Cultural Resources Reports Within a half-mile radius that include the candidate location

<u>NADB Report Number</u>	<u>Additional Details</u>
None	

<u>USGS Archival Topographic Map</u>	<u>Observations</u>
1956 Helendale, CA 7.5'	The general area was undeveloped with one structure in the vicinity. Cultural resources are not depicted at the candidate location.

<u>Cultural Sensitivity Based On The Record Search Data</u>	
Historic	Low
Prehistoric	Unknown

Cultural Setting¹

Four general, but distinctive cultural periods have been identified by Wallace (1955) for the prehistoric occupation of southern California (Early Hunter; Milling Stone; Intermediate; Late).

Early Hunter Period (before 6500 B.C.) sites are characterized by large projectile points and other stone implements adapted to chase big game animals. The large size and weight of the points suggest that the primary weapon for hunting was the dart, propelled by a spear thrower. The lack of grinding tools suggests that the inhabitants were not exploiting the plant foods to the extent that later cultures were. They were nomadic hunters, following the game throughout the seasons. Archaeological sites representing this early period are not common.

The Milling Stone Period (about 6500 B.C. to 1000 B.C.) represents a long period of time characterized by small, highly mobile groups of Native Americans. These groups probably had a seasonal round of settlement that included both inland and coastal residential bases. They relied primarily on grasses and seeds for food. Characteristic inland sites include numerous manos, metates, and hammerstones. Shell middens are more common at coastal sites.

1 References

Bean, L.J. and Charles R. Smith
 1978 Serrano. In R.F. Heizer, (ed.) *Handbook of North American Indians, Vol. 8: California*. Pages 570- 574. Washington, D.C.: Smithsonian Institution.

Wallace, William J.
 1955 A Suggested Chronology for Southern California Coastal Archeology. *Southwestern Journal of Anthropology* 11(3):214-230.

The Intermediate Period occurred from approximately 1000 B.C. to A.D. 750. Mortars and pestles first appear in this period, indicating knowledge of acorn leaching. Use of the acorn probably permitted greater sedentism, especially at inland locations. Large projectile points suggest the use of spear throwers rather than the bow and arrow. Settlement patterns during this period are not well understood.

The Late Period (A.D. 750 to Historic Contact) saw a more semi-sedentary settlement pattern. Smaller projectile points suggest the introduction of the bow and arrow and less or no reliance on the spear thrower.

The Serrano

The Serrano are part of the Takic language family, which is a language group also shared, albeit distantly, by the Luiseno, Tongva, Cahuilla, and Cupeno tribal entities

Although it is difficult to ascribe a definitive boundary for the Serrano, the literature has suggested that this nationality had encompassed a vast and topographically varied area: the localities of eastern Los Angeles County, along the Cajon Pass to Victorville, to the far eastern reaches of Twentynine Palms, which is beyond the foothills of the San Bernardino Mountains, and to the southern extremities of the San Gorgonio Pass. As with most Native peoples, a typical village site would have been located within the accessibility of water and in areas that would provide a good shelter from the wind.

Establishment of APE and Cultural Resources Within

On August 13, 2019, Sarah Williams visited the candidate location to locate, define, and survey the APE (see Exhibit 1 and Exhibit 2). The APE was ascertained by examining the planned candidate construction methods, the existing topography, and the current level of urbanization. AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0" x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30-kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power. Given these parameters, the direct APE is confined to the proposed telecommunications facility and the new trench route(s). The visual indirect APE is considered all that area within a ½-mile radius of those portions of the candidate once completed.

Direct APE Cultural Resources

The results of the site investigation confirm that no previously known cultural resources will be adversely affected by construction of the telecommunications facility. The candidate will be located along an existing dirt road in an undeveloped area of Helendale. The monopine and equipment locations are relatively undisturbed desert land, with some modern trash dumped in the area. Trenching will run south through Monterey Road to an existing pullbox for telco, while power continues until it turns at Lakeview Drive, to an existing Southern California Edison manhole located near the entrance to the Helendale Lakeview Tank Site. The soils have been partially disturbed during the grading of the roads, and heavily in the vicinity of the tank site. Soil visibility is good to moderate in most of the area, and poor for the trenching route near the tank site, with vegetation being the main obstruction in most of the area. A pedestrian survey of the proposed lease area did not reveal any pre-contact cultural materials.

Visual Indirect APE

The results of our records search indicate there are no NR eligible or listed historic resources located within ½ -mile of the candidate. The conditions are as follows:

- North, east, and west of the candidate location is undeveloped, relatively undisturbed desert land. Monterey Road runs to the west of the candidate location.
- South of the candidate location are minimally disturbed desert land and the Helendale Lakeview Tank Site. Beyond is a residential neighborhood.

Photographs are attached.

The topography in the vicinity of the candidate consists of relatively undisturbed land until you get into the residential neighborhood to the south. Surface visibility is good, with some plants obscuring visibility. Vegetation consists of plants in the creosote bush scrub community and non-native bushes, grasses and trees near the residential neighborhood. The nearest water source is the Fremont Wash, located approximately a half mile southeast of the candidate location.

Recommendations

The candidate is located in a relatively undeveloped area north of a residential neighborhood. No NR eligible or listed resources are within a half mile of the candidate location. Additionally, no other previously known cultural resources are located within 2000 feet of the candidate. Therefore, cultural resources will not be affected by the installation of the proposed telecommunications facility CSL04091.

We at EAS appreciate the opportunity to assist you on this project.

Sincerely,



Sarah A. Williams, M.A.
Archaeologist



Carrie D. Wills, M.A., RPA
Professional Archaeologist



Photograph 1: North facing view from the candidate location



Photograph 2: Northeast facing view from the candidate location



Photograph 3: East facing view from the candidate location



Photograph 4: Southeast facing view from the candidate location



Photograph 5: South facing view from the candidate location



Photograph 6: Southwest facing view from the candidate location



Photograph 7: West facing view from the candidate location



Photograph 8: Northwest facing view of the candidate location



Photograph 9: South facing view of the candidate location



Photograph 10: East facing view of the candidate location



Photograph 11: North facing view of the candidate location



Photograph 12: West facing view of the candidate location



Photograph 13: Southeast facing overview of the candidate location



Photograph 14: South facing view of the trenching route



Photograph 15: North facing view of the trenching route

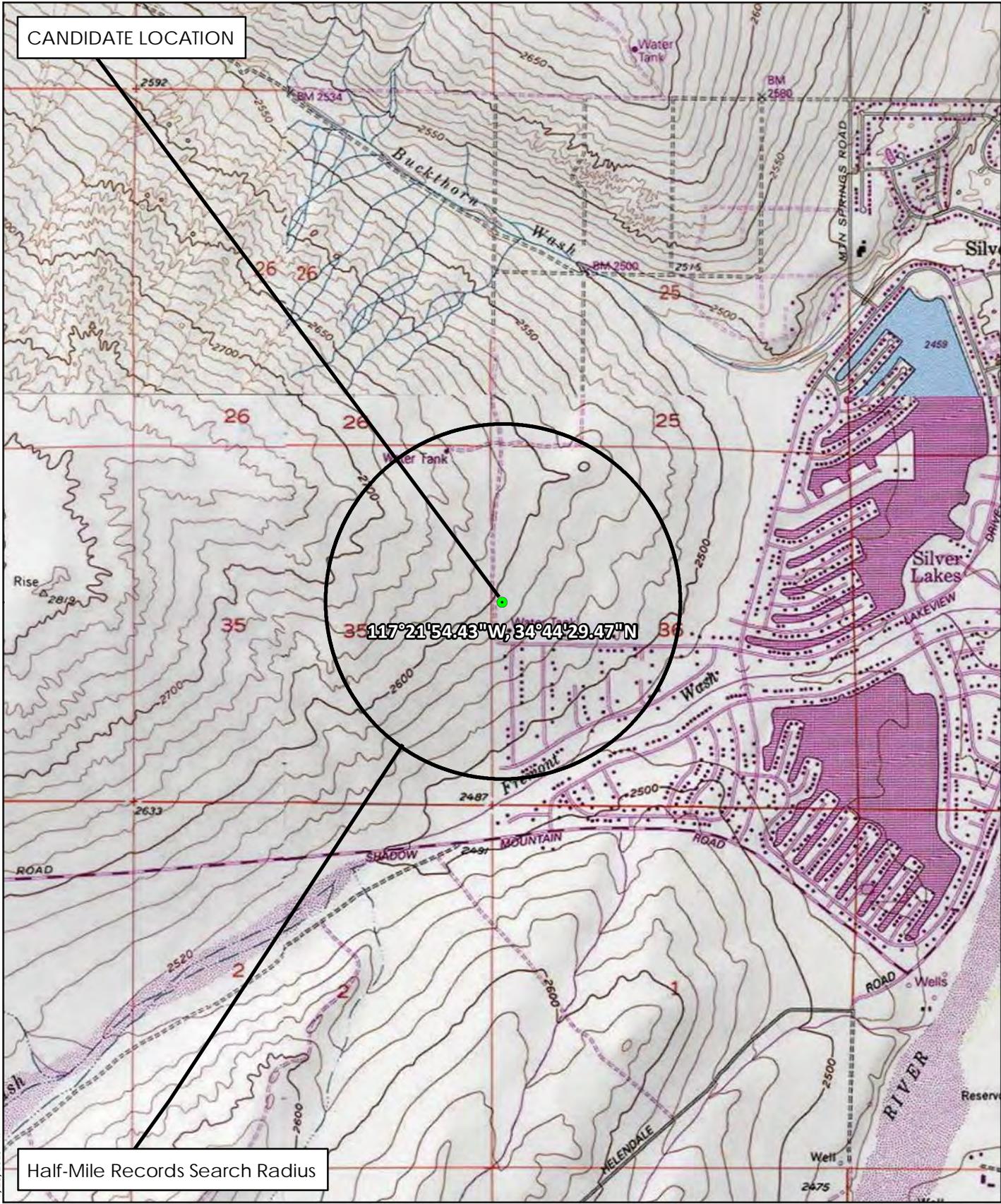


Photograph 16: North facing view of the electrical trenching route

Report List

CSL04091

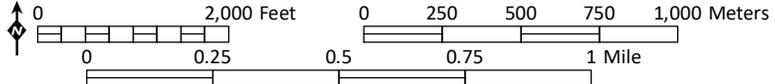
Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
SB-00166	NADB-R - 1060166; Voided - 73-7.1	1973	SAN BERNARDINO COUNTY MUSEUM ASSOCIATION	ARCHAEOLOGICAL SURVEY OF THE MOJAVE RIVER AQUEDUCT AND RECHARGE AREAS	SAN BERNARDINO COUNTY MUSEUM ASSOCIATION	36-000186, 36-000187, 36-000188, 36-000717, 36-000718, 36-000719, 36-000720, 36-000721, 36-000998, 36-000999, 36-002074, 36-002076
SB-02032	NADB-R - 1062032; Voided - 89-7.11	1989	YORK, ANDREW	ARCHAEOLOGICAL INVENTORY OF A PROPOSED FIBER OPTICS CABLE ROUTE BETWEEN RIDGECREST AND HELENDALE, CALIFORNIA	DAMES & MOORE	36-002076, 36-002256, 36-002257, 36-003033, 36-003384, 36-003385, 36-003386, 36-003387, 36-003389, 36-003390, 36-003391, 36-003392, 36-003393, 36-003394, 36-003395, 36-004022, 36-004024, 36-004272, 36-004387, 36-004388, 36-004411, 36-005332, 36-005361, 36-005362, 36-005454, 36-005456, 36-005457, 36-005458, 36-005727, 36-005731
SB-02055	NADB-R - 1062055; Voided - 90-1.2	1990	WHITE, ROBERT S.	AN ARCHAEOLOGICAL ASSESSMENT OF TT 13989; A 287-ACRE PARCEL NEAR HELENDALE, SAN BERNARDINO COUNTY	ARCHAEOLOGICAL ASSOCIATES	36-006573
SB-05292	NADB-R - 1065292	2004	CRUZ, MICHAEL	CULTURAL RESOURCES SURVEY OF THE PROPOSED HELENDALE CELLULAR TOWER SITE; MONTEREY ROAD, HELENDALE, SAN BERNARDINO COUNTY, CALIFORNIA		
SB-05434	NADB-R - 1065434	2005	McKenna, Jeanette A.	A Phase I Cultural Resources Investigation of the Proposed Silber Mountain Estates Project Area (APNs 0465-631-016 thru 0465-631-24 in the Silver Lakes Area of San Bernardino County, California.	McKenna et al	
SB-05951		2007	Bonner, Wayne and Aislin-Kay, Maimie	Cultural Resource Records Search and Site Visit Results for T-Mobile Telecommunications Facility Candidate IE04836B (Spring/Nextel Colo) 26538 Lakeview Drive, Helendale, San Bernardino County, California	MBA	
SB-07169		2012	Billat, Lorna	Helendale Tower Collocation, Project Number LA5633A	EarthTouch	
SB-08156		2015	Fulton, Phil	Cultural Resource Assessment Class III Inventory	LSA Associates, Inc.	36-005292, 36-005951, 36-007169



CANDIDATE LOCATION

117°21'54.43"W, 34°44'29.47"N

Half-Mile Records Search Radius



CSL04091: USGS Helendale, CA 7.5' Topographic Map

Project Topographic Map



OVERVIEW

- 20+ Years' Experience
- Master's degree, Anthropology – California State University, Hayward
- Bachelor's degree, Anthropology – California State University, Hayward
- Registered Professional Archaeologist #11138
- Meets Secretary of Interior's Standards for Archaeology

Carrie D. Wills, M.A., RPA, has been a Senior Project Archaeologist for the past 20+ years working at both prehistoric and historic sites. Ms. Wills has coordinated compliance efforts and trained teams ranging in size from 2 to 12 professional archaeologists/architectural historians in the complexities of small and large scale projects and managed their time and reviewed their reports prior to submittal. Some of the talents she brings to the table combine the ability to quickly and efficiently organize, evaluate, and complete numerous projects within stringent deadlines. Ms. Wills has consistently provided feasible solutions that protect significant resources while staying within budgetary constraints. Additionally, she has excellent communication skills and enjoys working and coordinating with co-workers, other scientists, and agency personnel. Ms. Wills has always been a self-starter and is personally and professionally motivated to ensure that each of the projects she works on adheres to the highest professional standards and is completed on time and within budget.

Ms. Wills has extensive experience managing projects that include pre-field assessments, archival research, pedestrian field surveys, site evaluation and testing, and data recovery and analysis for both prehistoric and historic projects. Her experience includes conducting field research, evaluating sites and features for historic significance and preparing reports that comply with the CEQA, Section 106 and NEPA.

Ms. Wills' management skills include writing proposals that reflect a concise understanding of the project objectives and provides the client with a reasonable budget and workable time frame. She has managed projects from the early planning stages (hiring crew members, coordinating transportation, hotels, and equipment) to organizing and assigning daily tasks and ensuring that the project stays on time and within budget. She has extensive experience coordinating with various agencies including USACE, BOR, and city and county governments. Perhaps one of her main strengths is her ability to organize, write, and edit comprehensive reports that meet all of the individual agency requirements, provide the most salient details about the project, and comply with CEQA, Section 106, and NEPA regulations.

In addition, Ms. Wills has conducted numerous consultations with Native American tribal representatives and government agencies and has good working relationships built on mutual trust and respect.

RELATED EXPERIENCE

The Conservation Center for Wildlife Care, Saratoga, Santa Clara County. At the request of the Peninsula Humane Society and SPCA, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey, for the approximately 170 acre APE at the proposed Conservation Center for Wildlife Care located outside the City of Saratoga. In addition, coordinated with the project's architectural historian on the building/structure evaluations and recorded the structures on appropriate DPR forms. The final Section 106 report was presented to the USACE for submittal to the SHPO for concurrence with the Finding of No Adverse Effect.

Section 106 Assessment – DSRSD Central Dublin Recycled Water Distribution and Retrofit Project, City of Dublin, Alameda County, California. As project archaeologist/manager, conducted a cultural resource investigation that included record search reviews, historic map reviews, and a limited field survey of the proposed Central Dublin Recycled Water Distribution and Retrofit Project Area of Potential Effect (APE) that fulfilled the protocols associated with Section 106 of NHPA. The results of the investigation were submitted to archaeological staff at the Bureau of Reclamation and received concurrence with MBA's findings of effect.

Section 106 Assessment – Lake Solano Regional Park Visitor’s Center Project, County of Solano. As project archaeologist, Ms. Wills conducted a cultural resource investigation that included record search reviews and a pedestrian field survey. As the project had a federal nexus, the work included a comprehensive report that met the criteria in Section 106 of the National Historic Preservation Act. The lead agency was the Bureau of Reclamation which has specific procedures that must be followed when unanticipated human remains or cultural resources are discovered. In addition to complying with the Bureau of Reclamation procedures, the results of the research and field survey were submitted to the State Historic Preservation Officer (SHPO) for concurrence with the stated recommendations.

Section 106 Assessment /HABS Documentation – St. Regis Napa Valley Project, City of Napa, Napa County. Served as the archaeologist for a historical and architectural analysis of a historic structure in the County of Napa. Following the evaluation of the historic significance of the structure and recording it to HABS standards, the results were sent to SHPO and received concurrence with the finding of no adverse effect to historic resources.

Section 106 Evaluation – Dixon Veterans Memorial Hall Project and the Benicia Veterans Memorial Hall Project, County of Solano. Served as the lead technical consultant for an analysis of two historic structures within the County of Solano. After evaluating and recording the buildings to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

Section 106 Evaluation – Solano County Free Library Center Project, County of Solano. Served as the lead technical consultant for a historical and architectural analysis of an historic structure in the County of Solano. Also served as the senior project archaeologist. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

Section 106 Evaluation – Suisun Veterans Memorial Building Project, Suisun City. Served as the lead technical consultant for a historical and architectural analysis of an older structure in the City of Suisun City. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA’s findings of no effect to historic resources.

East Cypress Partners, LLC, Baldochi Project, City of Oakley, Contra Costa County. As lead archaeologist, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey of the Baldocchi Project APE for East Cypress Partners, LLC. Totalling approximately 30 acres, the project included evaluation of a small homestead’s buildings and structures for submittal to the Bureau of Reclamation who in turn submitted the findings to the State Historic Preservation Officer (SHPO) for concurrence.

Branciforte Project, Santa Cruz, CA. Ms. Wills conducted various tasks within an area considered highly sensitive for archaeological resources including developing an Archaeological Monitoring and Data Recovery Plan that detailed the treatment of the known archeological site during project development. To define the possible subsurface areas where unknown human remains may have been present, at the request of the City and the Native American monitor, the highly unusual procedure of using cadaver dogs to search the area was implemented. The excavated artifacts and resources are currently being analyzed, cataloged and prepared for curation and a comprehensive report is in the final stages of completion.

Bailey-Fellowes Dike Breach Assessment. As Project Manager, Ms. Wills conducted a feasibility study and estimated cost for breaching Fellows Dike at Calero Reservoir and relocating the CRHR eligible Bailey-Fellowes House and eight other associated structures for the of Santa Clara Water District (District). The District chose two alternatives for analysis: one to repair the dike and retain the structures in place and the other to breach the dike and inundate the House and other buildings. Ms. Wills led a team of geologists, house moving companies, historic building designers, structural architects, and geologists, to analyze the two alternatives and provide the District with a feasible analysis to make their decision.

General Plan Update, County of Monterey. As senior project archaeologist, assisted in updating the General Plan with new policies including archaeological, historical, and paleontological resources. Tasks included a review of existing policies and suggestions for alternatives and updates relevant to current trends. Worked closely with Monterey County staff, agency personnel, and sub-consultants to ensure a high quality, timely Plan Update.

Historic American Buildings Survey Documentation – Larkspur 16.8-Acre Project, City of Larkspur, Marin County. Serving as project archaeologist, conducted a field survey, records and map review, and historic building evaluation for more than 20 buildings and structures associated with the circa 1920–1980 Niven Nursery in the City of Larkspur. The existing buildings and greenhouses that retained their historic integrity were evaluated for historic significance, recorded on appropriate Department of Parks and Recreation (DPR) forms, and documented to Historic American Building Survey (HABS) standards. Additionally, two prehistoric sites were previously recorded within the project area, and although neither of them was found during the pedestrian survey, to ensure site protection, construction monitoring was recommended during all ground-disturbing activities in these areas.

Historic American Buildings (HABS) Survey – KB Home Monte Vista, City of San Jose. Served as project manager for the KB Home Monte Vista Project. Conducted Historic American Buildings Survey Level III documentation for a large multi-structure canning facility, Del Monte Plant #3, in San Jose. Tasks included producing over 200 large-format, black and white photographs of exterior and interior views of the existing structures. The MBA historic report augmented the photographic documentation by placing the structures within the appropriate historic context and addressing both the architectural and historical aspects of the site's significance. Specifically, the historical report focused on the Plant's contribution to the growth of the canning industry in San José. The plant was also assessed for historic significance and found to meet the criteria for listing on the National Register of Historic Places as a District along with two other local Del Monte canneries. MBA coordinated with state, federal, and city agencies including, but not limited to, City of San Jose Department of Planning and the National Park Service HABS/Historic American Engineering Record coordinator.

Cultural Resources Assessment – Zone 3A, Line D Capacity Improvements Project and Zone 5, Line A West Levee Improvements Projects, County of Alameda. Served as project manager and senior archaeologist, conducting a cultural resource assessment for the Zone 3A Line D Capacity Improvements Project, Hayward, and the Zone 5 Line A West Levee Improvements Project, Union City. The assessment consisted of record searches, review of historic literature, and more than 20 historic aerials to provide an understanding of development within the project areas and a historical context for the projects.

Telecommunications Projects – Most Northern CA Counties. Serving as senior project archaeologist, conducted record searches and map reviews, field surveys, historic building and ground disturbance evaluations, and authored compliance reports for SHPO submittal for over 1,000 telecommunications sites. Coordinated efforts with archaeologists, architectural historians, GIS co-workers, environmental firms, and numerous carriers including AT&T, T-Mobile, Sprint and Verizon.

PROFESSIONAL AFFILIATIONS

- Society for Historical Archaeology
- Society for California Archaeology
- Register of Professional Archaeologists #11138



AT&T MOBILITY

SITE NUMBER: CSL04091

SITE NAME: HELENDALE PROPERTIES

PACE #MRL0S008220 | FA #10581718 | USID #232713

A/E DOCUMENT REVIEW STATUS

Status Code	Accepted – With minor or no comments, construction may proceed
1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
4	<input type="checkbox"/>

Not Accepted – Please resolve comments and resubmit

Review not required. Construction may proceed.

Acceptance does not constitute approval of design details, calculations, analysis, test methods or materials developed or selected by the subcontractor and does not relieve subcontractor from full compliance obligations.

ENG	CONST
Reviewed	

Status By	Date

DRAWING INDEX (ZONING)

REV.	DESCRIPTION
0	TITLE SHEET
0	SITE PLAN
0	EQUIPMENT AREA PLAN
0	ANTENNA LAYOUT PLAN AND SCHEDULE
0	ELEVATIONS
0	W/C---VERTIV PANEL SCHEDULE & SINGLE LINE DIAGRAM
0	TOPOGRAPHIC SURVEY
0	TOPOGRAPHIC SURVEY

DIRECTIONS

- DRIVING DIRECTIONS FROM AT&T WIRELESS, TUSTIN
- DEPART EDINGER AVE TOWARD RED HILL AVE.
 - TAKE RAMP LEFT FOR CA-55 N.
 - TAKE RAMP RIGHT FOR CA-55 N TOWARD CHAPMAN AVE.
 - KEEP STRAIGHT ONTO CA-91 E.
 - AT EXIT 141, TAKE RAMP RIGHT FOR US-95 S TOWARD BAKSTOWN, ONTARIO.
 - AT EXIT 141, TAKE RAMP RIGHT FOR US-95 S TOWARD ADELANTO / BISHOP.
 - KEEP STRAIGHT ONTO US-95 S.
 - TURN RIGHT ONTO SHADOW MOUNTAIN RD.
 - TURN RIGHT ONTO SILVER LAKES PKWY.
 - TURN LEFT ONTO LAKEVIEW DR.
 - TURN LEFT ONTO LAKEVIEW DR.
 - ARRIVE AT SITE ON YOUR RIGHT.

PROJECT INFORMATION

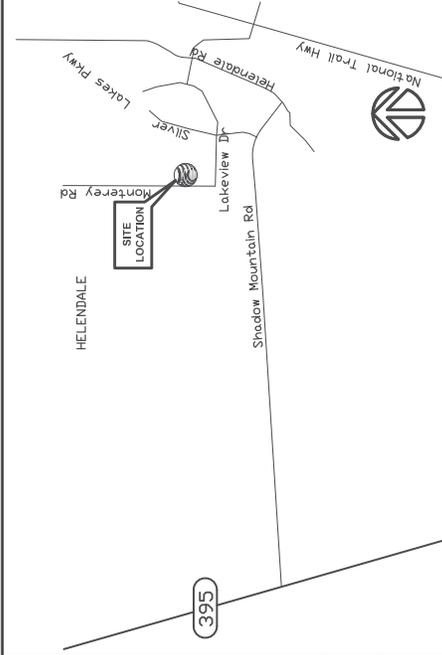
SCOPE OF WORK: AN UNMANNED TELECOMMUNICATIONS FACILITY INCLUDING THE INSTALLATION OF:

- (1) 120' HIGH MONOPINE.
- 20 X 30 X 8' HIGH SMOOTH CMU WALL ENCLOSURE WITH 4-0" WIDE GATE ON 6' RAISED CONCRETE PAD.
- (12) 8-0" HIGH PANEL ANTENNAS
- (1) STEEL W/IC EQUIPMENT CABINET WITH CMU WALL ENCLOSURE.
- (1) 12-0" W/IC EQUIPMENT CABINET WITH CMU WALL ENCLOSURE.
- INSTALL (6) RRUS; (6) SURGE SUPPRESSORS AND (1) GPS ANTENNA.
- (1) 2-0" DISH ANTENNA.
- INSTALL (1) 30KW DC GENERATOR.
- POWER, FIBER, TELCO AND COAX RUNS.

N/O LAKEVIEW DR. AND EAST OF MONTEREY RD.
 LLOYD AND MELECO COSTALES
 APPLICANT: AT&T WIRELESS 1452 EDINGER AVENUE, 3RD FLOOR TUSTIN, CA 92780
 JURISDICTION: SAN BERNARDINO COUNTY
 APN: 0465-111-24
 CURRENT ZONING: RL5 (RURAL LIVING)
 CURRENT LAND USE: V-B
 NEW OCCUPANCY/USE: TYPE U (UNMANNED TELECOMMUNICATIONS FACILITY)
 LEASE AREA: 824 SQ. FT. + 124 SQ. FT. = 924 SQ. FT. TOTAL
 AERIAL LEASE AREA: 124 SQ. FT.

COORDINATES: 34°42'29.47" N
 LONGITUDE: 117°21'54.43" W
 DATUM: (NAD 83)
 ELEVATION: 2597'
 AMSL: (NAVD83)
 POWER COMPANY: SCE
 CONTACT PERSON: ---
 TEL COMPANY: ---
 CONTACT PERSON: ---

VICINITY MAP



SITE QUALIFICATION PARTICIPANTS

A/E	NAME/CONTACT	COMPANY	NUMBER
SAC	D.K. DO/BOC YU	DOI PACIFIC	(949) 475-1000
ZONING	CHARLES SAUNDERS	COASTAL BUSINESS GROUP	(760) 271-6189
RF	CHARLES SAUNDERS	COASTAL BUSINESS GROUP	(760) 271-6189
CONST	TARIK QUAZZANI	AT&T	---
LL/OWNER	RON VANDERWAL	BECHTEL COMMUNICATIONS	(714) 343-0831
	LLOYD & MELECO COSTALES	OWNER	---

NO.	DATE	ISSUED FOR	REVISIONS
0	05/08/18	INCORP. DRW COMMENTS	RF BCK (DO)
1	05/08/18	ISSUED FOR 2D REVIEW AND COMMENTS	RF BCK (DO)
			BY CHK (APP)

1452 EDINGER AVENUE, 3RD FLOOR
 TUSTIN, CA 92780

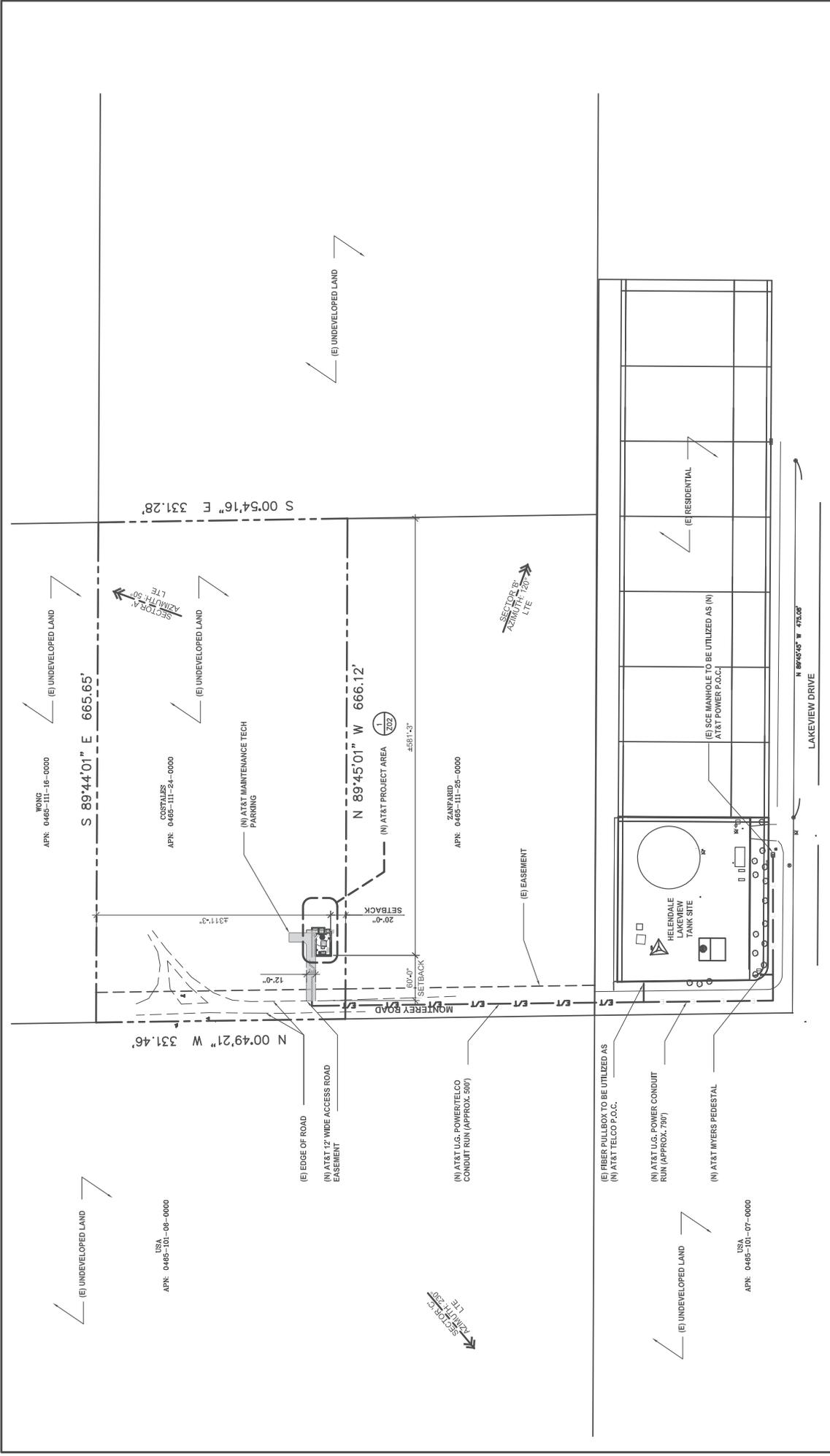
CSL04091 – HELENDALE PROPERTIES
 PACE #MRL0S008220 | FA #10581718
 USID #232713
 N/O LAKEVIEW DR. AND EAST OF MONTEREY RD.
 HELENDALE, CA 92342

DCI PACIFIC
 A/E/C WORKS
 ARCHITECTURE | ENGINEERING | CONSULTING
 3130 CENTRAL EXPRESSWAY
 IRVINE | CA 92614

AT&T MOBILITY
 TUSTIN, CA

TITLE SHEET
 JOB NO. 25736-615
 DRAWING NUMBER AA-ES0322-101
 REV. 0

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DCI PACIFIC
AIEIC WORKS
ARCHITECTURE | ENGINEERING | CONSULTING
31200E | BRYAN BLVD | SUITE 110
BRYAN | CA 92514

at&t
MOBILITY
1402 EDINGER AVENUE, 3RD FLOOR
TUSTIN, CA 92780

SITE PLAN

CSLO4091 – HELENDALE PROPERTIES
PACE #MRLOS008220 | FA #10581718
USID #232713
N/O LAKEVIEW DR. AND EAST OF MONTEREY RD.
HELENDALE, CA 92342

SCALE AS SHOWN **DESIGNED** **DRAWN**

NO.	DATE	ISSUED FOR	REVISIONS	BY	CHK	APPD
0	05/28/19	IN CORP. DRM COMMENTS		RF	BRK	DOD
1	05/28/19	ISSUED FOR 2D REVIEW AND COMMENTS		RF	BRK	DOD

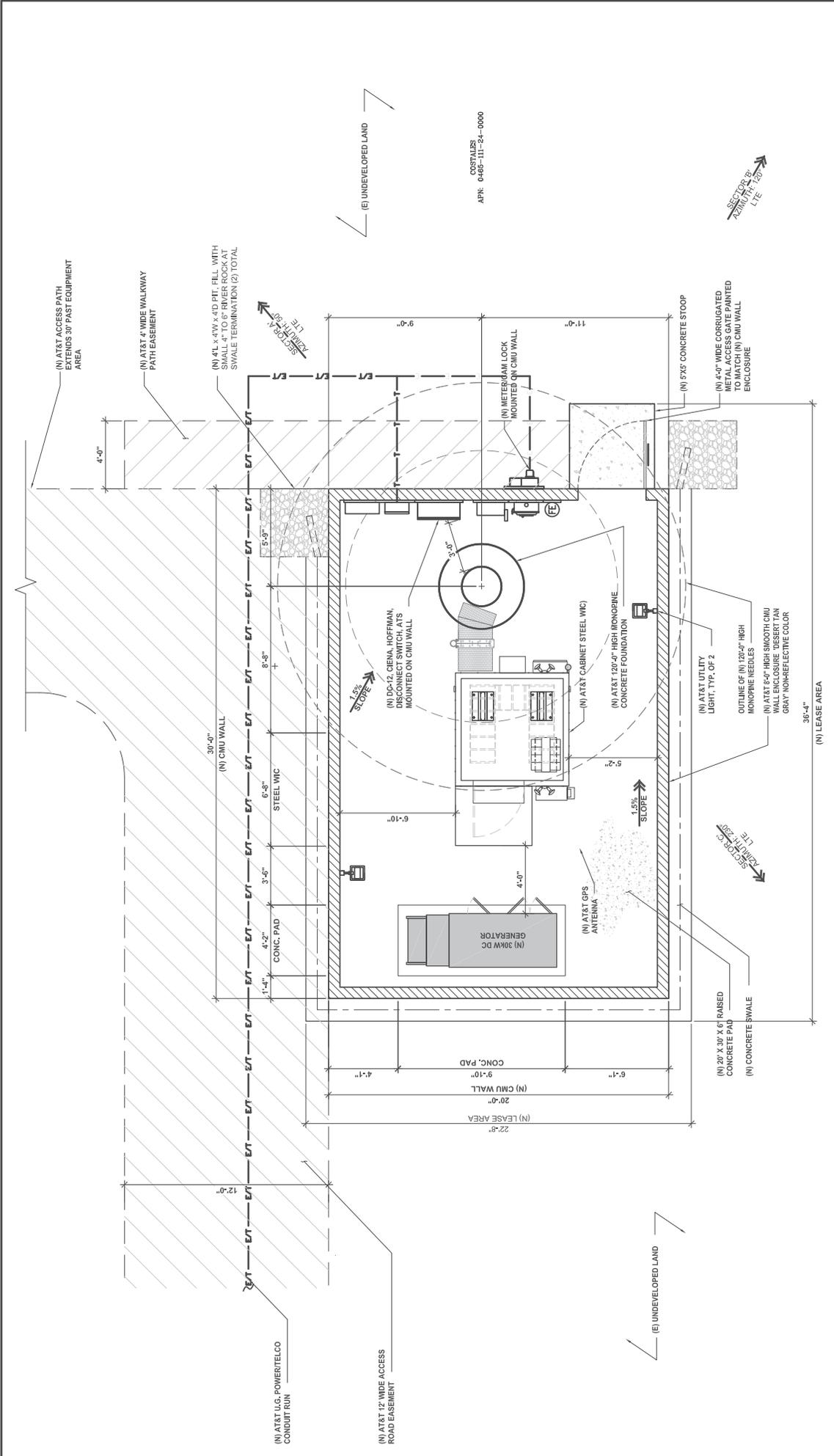
SCALE 1" = 60'-0"

AT&T MOBILITY
TUSTIN, CA

SITE PLAN

JOB NO. 25736-615 DRAWING NUMBER AA-ES0322-201

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SCALE: 3/8" = 1'-0"

1

AT&T MOBILITY
TUSTIN, CA

EQUIPMENT AREA PLAN

JOB NO. 25736-615
DRAWING NUMBER AA-ES0322-202

NO.	DATE	ISSUED FOR	REVISIONS	SCALE	AS SHOWN	DESIGNED	DRAWN
0	05/28/18	INCORP. DRW. COMMENTS	RF	RF	RF	RF	RF
1	05/28/18	ISSUED FOR 2D REVIEW AND COMMENTS	RF	RF	RF	RF	RF

1402 EDINGER AVENUE, 3RD FLOOR
TUSTIN, CA 92780

CSLO4091 - HELENDALE PROPERTIES
PACE #MRLOS008220 | FA #10581718
USID #232713
N/O LAKEVIEW DR. AND EAST OF MONTEREY RD.
HELENDALE, CA 92342

DCI PACIFIC
AIEIC WORKS

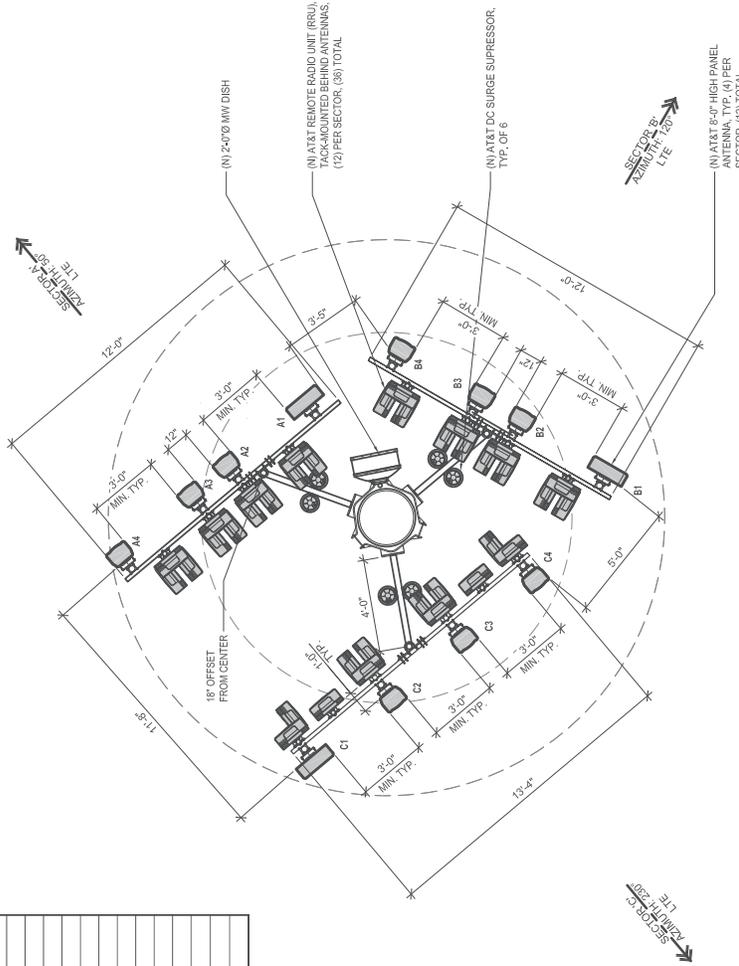
ARCHITECTURE | ENGINEERING | CONSULTING
3120 COMMERCE STREET, SUITE 110
IRVINE, CA 92614

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NOTE: MONOPINE BRANCHES & EQUIPMENT NOT SHOWN IN PLAN VIEW FOR CLARITY.

SECTOR	TECHNOLOGY	ANTENNA		SIZE	ANTENNA AZIMUTH	RAD CENTER	TRANSMISSION LINES (LENGTH FT. +/-)	
		MFR./MODEL NO.	DC CABLE (AWG #)				JUMPER LENGTH	DC CABLE (AWG #)
SECTOR "A"	A1	TBD PANEL ANTENNA	8'	50	110'-0"	<12'	+/- 180'	
	A2	TBD PANEL ANTENNA	8'	50	110'-0"	<12'	+/- 180'	
	A3	TBD PANEL ANTENNA	8'	50	110'-0"	<12'	+/- 180'	
	A4	TBD PANEL ANTENNA	8'	50	110'-0"	<12'	+/- 180'	
SECTOR "B"	B1	TBD PANEL ANTENNA	8'	120	110'-0"	<12'	+/- 180'	
	B2	TBD PANEL ANTENNA	8'	120	110'-0"	<12'	+/- 180'	
	B3	TBD PANEL ANTENNA	8'	120	110'-0"	<12'	+/- 180'	
	B4	TBD PANEL ANTENNA	8'	120	110'-0"	<12'	+/- 180'	
SECTOR "C"	C1	TBD PANEL ANTENNA	8'	230	110'-0"	<12'	+/- 180'	
	C2	TBD PANEL ANTENNA	8'	230	110'-0"	<12'	+/- 180'	
	C3	TBD PANEL ANTENNA	8'	230	110'-0"	<12'	+/- 180'	
	C4	TBD PANEL ANTENNA	8'	230	110'-0"	<12'	+/- 180'	

SECTOR	RRU UP or DOWN	RRU LOCATION (DISTANCE FROM ANTENNA)	RRU MIN. CLEARANCES	
			ABOVE	BELOW / SIDES
SECTOR "A"	A1	UP 3	18"	8"
	A2	UP 3	18"	8"
	A3	UP 3	18"	8"
	A4	UP 3	18"	8"
SECTOR "B"	B1	UP 3	18"	8"
	B2	UP 3	18"	8"
	B3	UP 3	18"	8"
	B4	UP 3	18"	8"
SECTOR "C"	C1	UP 3	18"	8"
	C2	UP 3	18"	8"
	C3	UP 3	18"	8"
	C4	UP 3	18"	8"



DCI PACIFIC
AIEIC WORKS
ARCHITECTURE | ENGINEERING | CONSULTING
31200 RAYBURN AVENUE | SUITE 110
IRVINE | CA 92614

at&t
MOBILITY
1402 EDINGER AVENUE, 3RD FLOOR
TUSTIN, CA 92780

ANTENNA LAYOUT PLAN & SCHEDULE

CSL04091 – HELENDALE PROPERTIES
PACE #MRLOS008220 | FA #10581718
USID #232713
N/O LAKEVIEW DR. AND EAST OF MONTEREY RD.
HELENDALE, CA 92342

ANTENNA LAYOUT PLAN & SCHEDULE

AT&T MOBILITY
TUSTIN, CA

NO.	DATE	ISSUED FOR	REVISIONS	BY	CHK	APPD
0	05/28/18	INCORP. DRN. COMMENTS		RF	BRK	DDO
1	05/08/18	ISSUED FOR 2D REVIEW AND COMMENTS		RF	BRK	DDO

JOB NO. 25736-615
DRAWING NUMBER AA-ES0322-203

SCALE: AS SHOWN

DESIGNED: []

DRAWN: []

SCALE: 3/8" = 1'-0"

1

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FLOYD SURVEYING

1-A ACCURACY CERTIFICATION

AT&T SITE NO: CSL04091 **FIELD SURVEY DATE:** April 8, 2019
SITE NAME: HELENDALE PROPERTIES
PROJECT TYPE: RAWLAND
SITE ADDRESS: N/O LAKEVIEW DR & EAST OF MONTEREY RD
HELENDALE, CA 92342
COUNTY: SAN BERNARDINO
REVISION: 1

I hereby certify that the Coordinates at the center of the proposed sectors are as follows:

GEOGRAPHIC COORDINATES (NAD 83-Epoch 2010)

SECTOR:	<u>A, B & C</u>	<u>DECIMAL DEGREES</u>
LATITUDE:	N 34°44'29.47"	34.741520 °
LONGITUDE:	W 117°21'54.43"	-117.365118 °

Geodetic coordinates were established using Trimble 5700/5800 GPS receivers and Trimble Geodetic Office processing software version 1.60.

I further certify that the elevations and heights referenced hereon are as follows:

ELEVATIONS (NAVD88)

Elevations (AMSL)	Heights (AGL)
Above Mean Sea Level	Above Ground Line

ELEVATION AT GROUND LEVEL.....

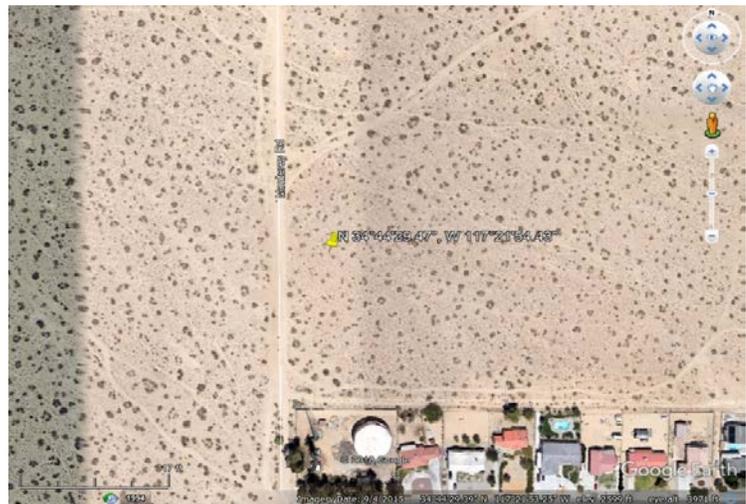
2597 FEET

The horizontal accuracy of the latitude and longitude at the center of each sector falls within fifteen (15) feet. The elevations (NAVD88) of the ground and fixtures fall within three (3) feet. The measured heights (AGL) are within +/- one (1) foot vertically.

BENCHMARK USED: National Geodetic Survey Continues Operating Reference Station: JPLM
ELEVATION: 1503.49' NAVD88



David A. Floyd, PLS #7676
Date: 5/31/2019



ATTACHMENT 2.

ADDITIONAL SITE INFORMATION

Site ID: **CSL04091 (Helendale Properties)**

Site Location: **North of Lakeview Drive and East of Monterey Road, Helendale, San Bernardino County, CA 92342**

APN: **0465-111-24-0000**

Current Uses: **Open Space**

At the request of AT&T Mobility, LLC (AT&T), Environmental Assessment Specialists, Inc. (EAS) has conducted a cultural resources record search and site visit for AT&T candidate CSL04091 (Helendale Properties), located at North of Lakeview Drive and East of Monterey Road, Helendale, San Bernardino County, CA 92342. The lease area lies in Section 36 of T.8N, R.5W (San Bernardino Baseline and Meridian) as shown on the USGS Helendale, CA 7.5-minute quadrangle map .

AT&T proposes to install 12 panel antennas, 36 RRUs, 6 surge suppressors, and 1 2' diameter microwave antenna on a new 120' tall monopine. Equipment will be located within a new 20'-0"x 30'-0" equipment enclosure. The equipment enclosure will house 1 steel WIC equipment cabinet, 1 GPS antenna mounting on the shelter, 1 30-kw DC generator. Ground disturbance will be required for underground power and telco conduit, approximately 500' for telco and 790' for power.

Extent of ground disturbance or building modification: **See above.**

ATTACHMENT 3.

TRIBAL AND NHO INVOLVEMENT

See NAHC-Sacred Lands File Check and Letters sent to tribal Groups or individuals identified by NAHC; Comments attached (if applicable)

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: <http://www.nahc.ca.gov>
Twitter: @CA_NAHC



August 16, 2019

Natalie Johnston
Environmental Assessment Associates

VIA Email to: nj2018@easenv.com

RE: CSL04091 Project, San Bernardino County

Dear Ms. Johnston:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: steven.quinn@nahc.ca.gov.

Sincerely,

A handwritten signature in blue ink that reads "Steven Quinn".

Steven Quinn
Associate Governmental Program Analyst

Attachment

**Native American Heritage Commission
Native American Contact List
San Bernardino County
8/16/2019**

Kern Valley Indian Community

Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA, 93240
Phone: (661) 340 - 0032

Kawaiisu
Tubatulabal
Koso

Serrano Nation of Mission Indians

Wayne Walker, Co-Chairperson
P. O. Box 343
Patton, CA, 92369
Phone: (253) 370 - 0167
serranonation1@gmail.com

Serrano

Kern Valley Indian Community

Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA, 93283
Phone: (760) 378 - 2915
bbutterbredt@gmail.com

Kawaiisu
Tubatulabal
Koso

Serrano Nation of Mission Indians

Mark Cochrane, Co-Chairperson
P. O. Box 343
Patton, CA, 92369
Phone: (909) 528 - 9032
serranonation1@gmail.com

Serrano

Morongo Band of Mission Indians

Robert Martin, Chairperson
12700 Pumarra Rroad
Banning, CA, 92220
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov

Cahuilla
Serrano

Tubatulabals of Kern Valley

Robert L. Gomez, Chairperson
P.O. Box 226
Lake Isabella, CA, 93240
Phone: (760) 379 - 4590
Fax: (760) 379-4592

Tubatulabal

Morongo Band of Mission Indians

Denisa Torres, Cultural Resources
Manager
12700 Pumarra Rroad
Banning, CA, 92220
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov

Cahuilla
Serrano

San Fernando Band of Mission Indians

Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA, 91322
Phone: (503) 539 - 0933
Fax: (503) 574-3308
ddyocum@comcast.net

Kitanemuk
Vanyume
Tataviam

San Manuel Band of Mission Indians

Lee Clauss, Director of Cultural
Resources
26569 Community Center Drive
Highland, CA, 92346
Phone: (909) 864 - 8933
Fax: (909) 864-3370
lclauss@sanmanuel-nsn.gov

Serrano

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed CSL04091 Project, San Bernardino County.



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

San Manuel Band of Mission Indians
Lee Clauss, Director-CRM Dept.
26569 Community Center Drive
Highland, CA 92346

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

Environmental Assessment Specialists, Inc. (EAS) is under contract with AT&T Mobility, LLC (AT&T) to submit this proposed telecommunication site information to Native American tribal groups and other interested parties for review. Your response would be greatly appreciated. This submittal is being requested for compliance with Federal Communications Commission (FCC) regulation 47 CFR 1.1201-19 to determine if the site will impact historic places and/or archaeologically sensitive sites. Below please find the proposed site description for the above-referenced telecommunications facility.

Site Location and Description

The lease area lies in S36, T8N, R5W (San Bernardino Baseline and Meridian) as shown on the USGS Helendale, CA 7.5-minute quadrangle map. AT&T proposes the installation of a new wireless telecommunications facility at this location. Proposed is the installation of a new monopine with antennas. Associated equipment will be placed at grade within a new lease area. Trenching will be required for utilities.

If you have any questions regarding historical resources, please feel free to contact me at (818) 898-4866, or via U.S. mail or e-mail at the addresses listed below. Thank you for your consideration, and we hope to hear from you soon. (Note: If requesting monitoring, please send an e-mail or letter [via U.S. mail] for our records.)

Sincerely,

Gavin Leaver

Environmental Assessment Specialists, Inc.

Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P.O. Box 343
Patton, CA 92369

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71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Tubatulabals of Kern Valley
Robert L. Gomez Jr., Tribal Chairperson
P.O. Box 226
Lake Isabella, CA 93240

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12301 Kenny Drive
Granada Hills CA 91344



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Kern Valley Indian Community
Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA 93283

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Sincerely,

Gavin Leaver

Environmental Assessment Specialists, Inc.

Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

Morongo Band of Mission Indians
Denisa Torres, Cultural Resources Manager
12700 Pumarra Road
Banning, CA 92220

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

Kern Valley Indian Community
Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA 93283

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August 19, 2019

Serrano Nation of Mission Indians
Wayne Walker, Co-Chairperson
P.O. Box 343
Patton, CA 92369

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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August 19, 2019

San Fernando Band of Mission Indians
Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA 91322

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September 2, 2019

San Manuel Band of Mission Indians
Lee Clauss, Director-CRM Dept.
26569 Community Center Drive
Highland, CA 92346

RE: SECOND REQUEST: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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September 2, 2019

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P.O. Box 343
Patton, CA 92369

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September 2, 2019

Tubatulabals of Kern Valley
Robert L. Gomez Jr., Tribal Chairperson
P.O. Box 226
Lake Isabella, CA 93240

RE: SECOND REQUEST: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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September 2, 2019

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

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September 2, 2019

Kern Valley Indian Community
Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA 93283

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Denisa Torres, Cultural Resources Manager
12700 Pumarra Road
Banning, CA 92220

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September 2, 2019

Kern Valley Indian Community
Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA 93283

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Wayne Walker, Co-Chairperson
P.O. Box 343
Patton, CA 92369

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Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA 91322

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Gavin Leaver

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Please mail your response to:

12301 Kenny Drive
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ATTACHMENT 4.
LOCAL GOVERNMENT

See Attached Documentation



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

San Bernardino Zoning Planning
County Government Center
385 N. Arrowhead Ave.
San Bernardino, CA 92415

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

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12301 Kenny Drive
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ATTACHMENT 5.
PUBLIC INVOLVEMENT

See Attached Documentation

SAN BERNARDINO COUNTY SUN

This space for filing stamp only

473 E CARNEGIE DR #200, SAN BERNARDINO, CA 92408
Telephone (909) 889-9666 / Fax (909) 884-2536

GAVIN LEAVER
ENVIRONMENTAL ASSESSMENT SPECIALISTS
71 SAN MARINO AVENUE
VENTURA, CA - 93003

SB #: 3276635

PUBLIC NOTICE

In accordance with Sec. 106 of the Programmatic Agreement, AT&T plans to install a 120'-0" Monopine within a 22' by 36' lease area at N/O LAKEVIEW DR & EAST OF MONTEREY RD, HELENDALE, CA 92342 . Please direct comments to Gavin L. at 818-898-4866 regarding site CSL04091.
7/25, 7/26/19

SBS-3276635#

PROOF OF PUBLICATION

(2015.5 C.C.P.)

State of California)
County of SAN BERNARDINO) ss

Notice Type: GPN - GOVT PUBLIC NOTICE

Ad Description:
CSL04091

I am a citizen of the United States and a resident of the State of California; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer and publisher of the SAN BERNARDINO COUNTY SUN, a newspaper published in the English language in the city of SAN BERNARDINO, county of SAN BERNARDINO, and adjudged a newspaper of general circulation as defined by the laws of the State of California by the Superior Court of the County of SAN BERNARDINO, State of California, under date 06/27/1952, Case No. 73081. That the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

07/25/2019, 07/26/2019

Executed on: 07/26/2019
At Riverside, California

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Signature



Email * A 0 0 0 0 0 5 1 6 6 5 6 4 *

ATTACHMENT 6.
ADDITIONAL CONSULTING PARTIES

See Attached Documentation



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

August 19, 2019

San Bernardino History & Pioneer Society
796 N D St
San Bernardino, CA 92401

RE: Cultural Resource Identification Study/Sacred Lands File Search for Proposed AT&T Mobility, LLC Telecommunications Site CSL04091 (Helendale Properties) N/O Lakeview Dr & East of Monterey Rd, Helendale, San Bernardino County, California, CASPR # 3551A0JZ5F

Environmental Assessment Specialists, Inc. (EAS) is under contract with AT&T Mobility, LLC (AT&T) to submit this proposed telecommunication site information to Native American tribal groups and other interested parties for review. Your response would be greatly appreciated. This submittal is being requested for compliance with Federal Communications Commission (FCC) regulation 47 CFR 1.1201-19 to determine if the site will impact historic places and/or archaeologically sensitive sites. Below please find the proposed site description for the above-referenced telecommunications facility.

Site Location and Description

The lease area lies in S36, T8N, R5W (San Bernardino Baseline and Meridian) as shown on the USGS Helendale, CA 7.5-minute quadrangle map. AT&T proposes the installation of a new wireless telecommunications facility at this location. Proposed is the installation of a new monopine with antennas. Associated equipment will be placed at grade within a new lease area. Trenching will be required for utilities.

If you have any questions regarding historical resources, please feel free to contact me at (818) 898-4866, or via U.S. mail or e-mail at the addresses listed below. Thank you for your consideration, and we hope to hear from you soon. (Note: If requesting monitoring, please send an e-mail or letter [via U.S. mail] for our records.)

Sincerely,

Gavin Leaver

Environmental Assessment Specialists, Inc.

Please mail your response to:

12301 Kenny Drive
Granada Hills CA 91344

ATTACHMENT 7.

AREA OF POTENTIAL EFFECTS (APE)

ATTACHMENT 8.

**HISTORIC PROPERTIES IDENTIFIED IN THE APE FOR
VISUAL EFFECTS**

ATTACHMENT 9.

**HISTORIC PROPERTIES IDENTIFIED IN THE APE FOR
DIRECT EFFECTS**

ATTACHMENT 10.

EFFECTS ON IDENTIFIED PROPERTIES

ATTACHMENT 11.

PHOTOGRAPHS

ATTACHMENT 12.

MAPS

**For Attachments 7-12:
See CULTURAL RESOURCES ASSESSMENT in Attachment 1.**

Appendix G: TCNS Package



Environmental Assessment Specialists, Inc.

71 San Marino Avenue, Ventura CA 93003

Office: (805) 650-0949 Fax: (805) 650-8054 www.easenv.com

Date: December 3, 2019
To: AT&T Mobility, LLC
From: Environmental Assessment Specialist, Inc.
Subject: TCNS Completion Memo
AT&T Mobility, LLC Candidate CSL04091 (Helendale Properties)

Site ID#: CSL04091 (Helendale Properties)
CASPR No. 3551A0JZ5F
TCNS ID#: 187991

As of December 3, 2019, the following tribes have been contacted through the Tower Construction Notification System (TCNS) regarding the proposed AT&T Mobility, LLC telecommunications project CSL04091. All contacted Native American tribes have either responded, or the allotted time given by the tribes has expired [please see details below].

- **Eastern Shoshone Tribe [Josh Mann, THPO]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019
- **Fort Mojave Indian Tribe [Linda D. Otero, Cultural Society Director]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019
- **Skull Valley Band of Goshute Indians [Montana & Associates, Attorney]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - Response received 07/26/2019 request consultation
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Tribe cleared the site 12/03/2019 no adverse effect
- **Chemehuevi Tribe [Matthew Leivas Sr. Director of Cultural Center]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Response received 11/14/2019 Out of Area, Defer
- **Northwestern Band of Shoshone Nation [Attorney Montana & Associates, LLC]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - Response received 07/26/2019 requesting consultation
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Tribe cleared the site 10/09/2019 no issues/notify if discovery
- **San Manuel Band of Mission Indians [Jessica Mauk, Cultural Resources Analyst]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Response Received 08/06/2019 No Interest, Notify if Discovery

- **Morongo Band of Mission Indians [Travis Armstrong, Tribal Historic Preservation Officer]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019

- **Pauma/Yuima Band of Mission Indians [Chris Devers, Cultural Clerk]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - Tribe cleared the site 09/04/2019 no interest/notify if discovery

- **Ramona Band of Cahuilla [John Gomez, Cultural Resources Coordinator]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019

- **Soboba Band of Luiseno Indians [Joseph Ontiveros, Director of Cultural Resources]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019

- **Twenty Nine Palms Band of Mission Indians [Anthony Madrigal, Tribal Historic Preservation Officer]**
 - Contacted by FCC on 07/23/2019 via e-106 system email
 - E-106 uploaded onto the FCC system, consultation complete 10/02/2019
 - Cleared by Referral 11/29/2019

AT&T Mobility, LLC may now consider the TCNS portion of this project as complete.

Sincerely,



Gavin Leaver
Project Manager
Environmental Assessment Specialists, Inc.
71 San Marino Avenue
Ventura CA 93003

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Monday, July 22, 2019 11:37 PM
To: Natalie Johnston
Subject: Proposed Tower Structure Info - Email ID #6364645

Dear Natalie Johnston,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 07/23/2019

Notification ID: 187991

Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.

Consultant Name: Natalie Johnston

Street Address: 71 San Marino Ave

City: Ventura

State: CALIFORNIA

Zip Code: 93003

Phone: 805-650-0949

Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna

Latitude: 34 deg 44 min 29.5 sec N

Longitude: 117 deg 21 min 54.4 sec W

Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)

City: Helendale

State: CALIFORNIA

County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Friday, July 26, 2019 12:02 AM
To: Natalie Johnston
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #6366402

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO Josh Mann - Eastern Shoshone Tribe - (PO Box: 538) Fort Washakie, WY - jmann@easternshoshone.org; falene.russette@iresponse106.com - 307-438-0094 - electronic mail and regular mail
Exclusions: The ancestors of the Eastern Shoshone Tribe lived a long and storied history across several states on their westward journey from the Western area to present-day Wyoming. This journey, confirmed by tribal oral history,

ethnographies, and archaeological evidence, took place over multiple generations and through the present-day states of North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, Montana, Idaho, Washington, Oregon, California, Utah, Nevada, Arizona, New Mexico and Texas. Significant historical resources throughout this region include major sacred sites including burial sites, occupation areas, medicinal plant and resource collection areas, and other significant traditional cultural properties (TCPs). Therefore, based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this proposed project and are requesting to be consulted on this proposed project as required by the mandates expressed in 36 CFR 800, EO 13175, and the FCC National Programmatic Agreement as traditionally associated peoples (TAPs) and a sovereign nation with legal responsibility for heritage preservation on ancestral homelands. Please utilize the online Tribal 106 processing system to submit your project details, at <http://iresponse106.com>.

2. Acting Director Bryan Etsitty - Colorado River Indian Tribes - 26600 Mohave Road Parker, AZ - anita.flores@crit-nsn.gov - 928-669-5822 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Colorado River Indian Tribes within 30 days after notification through TCNS, the Colorado River Indian Tribes has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Colorado River Indian Tribes in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. Culture Society Director Linda D Otero - Fort Mojave Indian Tribe - AhaMakav Cultural Society (PO Box: 5990) Mohave Valley, AZ - lindaotero@fortmojave.com - 928-768-4475 - electronic mail and regular mail

4. Attorney Montana & Associates LLC - Skull Valley Band of Goshute Indians - N12923 N Prairie Rd Osseo, WI - skullvalleybandofgoshutefcctns@outlook.com - 605-881-1227 - electronic mail and regular mail

5. Director of Cultural Center Matthew Leivas Sr. - Chemehuevi Tribe - (PO Box: 1976) Havasu Lake, CA - cultural@cit-nsn.gov; sec.treas@cit-nsn.gov - 760-858-1115 - electronic mail

6. Attorney Montana & Associates LLC - Northwestern Band of Shoshone Nation - N 12923 N. Prairie Rd Osseo, WI - Northwesternbandshoshonetcnsfcc@outlook.com - 605-881-1227 - electronic mail

7. Cultural Resources Analyst Jessica Mauck - San Manuel Band of Mission Indians - 26569 Community Center Drive Highland, CA - jmauck@sanmanuel-nsn.gov - 909-725-9054 - electronic mail

8. Chairman Shane Chapparosa - Los Coyotes Reservation - (PO Box: 189) Warner Springs, CA - los_coyotes@ymail.com; loscoyotes_ta@yahoo.com - 760-782-0711 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Los Coyotes Reservation within 30 days after notification through TCNS, the Los Coyotes Reservation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Los Coyotes Reservation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

9. Tribal Historic Preservation Officer Travis Armstrong - Morongo Band of Mission Indians - 12700 Pumarra Drive Banning, CA - thpo@morongo-nsn.gov; ABenally@morongo-nsn.gov - 951-755-5256 - electronic mail and regular mail

10. Cultural Clerk Chris Devers - Pauma/Yuima Band of Mission Indians - (PO Box: 369) Pauma Valley, CA - cultural@pauma-nsn.gov - 760-742-1289 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Pauma/Yuima Band of Mission Indians within 30 days after notification through TCNS, the Pauma/Yuima Band of Mission Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Pauma/Yuima Band of Mission Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

11. Cultural Resources Coordinator John Gomez - Ramona Band of Cahuilla - (PO Box: 391372) Anza, CA - jgomez@ramonatribe.com - 951-941-4943 - electronic mail

12. Director of Cultural Resources Joseph Ontiveros - Soboba Band of Luiseno Indians - 23906 Soboba Road (PO Box: 487) San Jacinto, CA - lshaker@soboba-nsn.gov - 951-654-5544 - electronic mail

13. Tribal Historic Preservation Officer Anthony L Madrigal Jr - Twenty Nine Palms Band of Mission Indians - 46-200 Harrison Place Coachella, CA - TNPConsultation@29palmsbomi-nsn.gov; sbliss@29palmsbomi-nsn.gov - 760-775-3259 - electronic mail and regular mail
Exclusions: Anthony Madrigal, Jr., Tribal Historic Preservation Officer TNPConsultation@29palmsbomi-nsn.gov.
Please call (760) 863-2489, if you have any questions.

14. Chairman White Dove Kennedy - Timbisha Shoshone Tribe - 621 West Line St. - Suite 109 (PO Box: 1779) Bishop, CA - administrator@timbisha.com - 760-872-3614 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Timbisha Shoshone Tribe within 30 days after notification through TCNS, the Timbisha Shoshone Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Timbisha Shoshone Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

15. Deputy SHPO William Collins - Arizona State Parks - 1300 West Washington Phoenix, AZ - wcollins@pr.state.az.us - 602-542-4174 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/23/2019
Notification ID: 187991
Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna

Latitude: 34 deg 44 min 29.5 sec N

Longitude: 117 deg 21 min 54.4 sec W

Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)

City: Helendale

State: CALIFORNIA

County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

<https://www.fcc.gov/wireless/available-support-services>

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Tuesday, October 1, 2019 2:22 AM
To: Natalie Johnston
Subject: Section 106 New Filing Submitted- Email ID #4005382

The following new Section 106 filing has been submitted:

File Number: 0008820209
TCNS Number: 187991
Purpose: New Tower Submission Packet

Notification Date: 7AM EST 10/02/2019

Applicant: AT&T Mobility, LLC
Consultant: Environmental Assessment Specialists, Inc.
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: CSL04091 (Helendale Properties)
Site Address: North of Lakeview Drive & East of Monterey Road (CSL04091)
Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.
Site Coordinates: 34-44-29.5 N, 117-21-54.4 W
City: Helendale
County: SAN BERNARDINO
State:CA
Lead SHPO/THPO: California Office of Historic Preservation

Consultant Contact Information:
Name: Environmental Assessment Specialists, Inc.
Title: Registered Professional Archaeologist
PO Box:
Address: 16485 Laguna Canyon Road
Suite 150
City: Irvine
State: CA
Zip: 92618
Phone: 619-462-1515
Fax:
Email: nj2018@easenv.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Thursday, November 14, 2019 9:33 AM
To: Natalie Johnston
Cc: tcns.fccarchive@fcc.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 187991) - Email ID #6504618

Dear Natalie Johnston,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cultural Center Director Bridget Sandate of the Chemehuevi Tribe in reference to Notification ID #187991:

This area is not within the areas frequented by Chemehuevi people, therefore, we will defer all comments to the local tribes.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 07/23/2019
Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Friday, July 26, 2019 5:05 PM
To: Natalie Johnston
Subject: Reply to Proposed Tower Structure (Notification ID: 187991) - Email ID #6370792

Dear Natalie Johnston,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Attorney Montana & Associates LLC of the Northwestern Band of Shoshone Nation in reference to Notification ID #187991:

We have an interest in this site and would like the applicant to contact us.
Montana & Associates LLC
605-881-1227

You MUST email ALL info to Northwesternbandshoshonetcnsfcc@outlook.com. It is not enough to submit JUST to the TCNS system. Failure to email all info will result in you being out of compliance with the 106 process.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 07/23/2019
Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: Northwestern Band Of The Shoshone Nation <Northwesternbandshoshonetcnsfcc@outlook.com>
Sent: Wednesday, October 9, 2019 10:49 AM
To: Natalie Johnston
Subject: TCNS Reviews

The Northwestern Band of Shoshone Nation has reviewed TCNS 187663 188592 187990 188336 187991

Thank-you for the necessary documentation for us to review your proposed projects. We have no issues with any historic properties within the APE that we have affiliation to. Please contact us in the event the ground disturbance inadvertently uncovers human remains and or archaeological/cultural material. Should any changes in the project be made please notify this office of the changes before further project planning continues.

Thank-you

Montana & Associates LLC For
Northwestern Band Of The Shoshone Nation
N 12923 N Prairie Rd
Osseo, WI 54758

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Wednesday, September 4, 2019 11:26 AM
To: Natalie Johnston
Cc: tcns.fccarchive@fcc.gov; cultural@pauma-nsn.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 187991) - Email ID #6406274

Dear Natalie Johnston,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cultural Clerk Chris Devers of the Pauma/Yuima Band of Mission Indians in reference to Notification ID #187991:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 07/23/2019
Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Tuesday, August 6, 2019 11:25 AM
To: Natalie Johnston
Cc: tcns.fccarchive@fcc.gov; jmauck@sanmanuel-nsn.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 187991) - Email ID #6377615

Dear Natalie Johnston,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cultural Resources Analyst Jessica Mauck of the San Manuel Band of Mission Indians in reference to Notification ID #187991:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 07/23/2019
Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Friday, July 26, 2019 4:48 PM
To: Natalie Johnston
Subject: Reply to Proposed Tower Structure (Notification ID: 187991) - Email ID #6370688

Dear Natalie Johnston,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Attorney Montana & Associates LLC of the Skull Valley Band of Goshute Indians in reference to Notification ID #187991:

We have an interest in this site and would like the applicant to contact us.
Montana & Associates LLC
605-881-1227

You MUST email ALL info to Skullvalleybandofgoshutefcctcns@outlook.com. It is not enough to submit JUST to the TCNS system. Failure to email all info will result in you being out of compliance with the 106 process.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 07/23/2019
Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO

Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.

Ground Elevation: 791.6 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 36.6 meters above ground level

Overall Height AMSL: 828.2 meters above mean sea level

Natalie Johnston

From: Gary Montana <garymontana@montanaandassociates.com>
Sent: Tuesday, December 3, 2019 3:24 PM
To: Natalie Johnston
Subject: Re: FW: TCNS #187991, AT&T site CSL04091

On behalf of the Crow Creek Tribe of South Dakota we have reviewed as requested the information supplied for this deployment and find no adverse effects as to the proposed "ground disturbance". Furthermore, it has been held that only tribal entities are to only entity that can determine their own cultural landscapes - not non-native specialists. (See Keetoowah et al. v. F.C.C., (2019) that overturned WT 17-79).

Sincerely,

Gary J. Montana, Senior Attorney, CCreek Sioux Tribe, Skull Valley, NW Band of Shoshone and the Omaha Tribe of Nebraska.

On 12/3/2019 1:20 AM, Natalie Johnston wrote:

Following up for Skull valley and Northwestern/

Sincerely,

Natalie

Natalie Johnston

Environmental Assessment Specialists, Inc.

nj2018@EASenv.com



From: Natalie Johnston
Sent: Monday, October 7, 2019 10:05 PM
To: Natalie Johnston <nj2018@easenv.com>
Subject: TCNS #187991, AT&T site CSL04091

Please find attached the Cultural Report for the subject site. Please note that the e-106 was uploaded to the FCC website on 10/02/2019. Please let me know if you have any questions or require any additional information.

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Monday, November 11, 2019 9:25 PM
To: Natalie Johnston
Subject: Confirmation - Referral of a Proposed Tower Construction Notification - Email ID #6495395

Dear Natalie Johnston,

Your referral of a proposed tower structure notification has been successfully submitted via the Tower Construction Notification System. The Federal Communications Commission (FCC) will be processing this referral for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages, and Native Hawaiian Organizations as specified by Section IV.G of the Nationwide Programmatic Agreement and the Wireless Infrastructure Second Report and Order dated March 30, 2018. You will receive a Proposed Construction of Communications Facilities Notification of Final Contacts when the FCC has completed processing this referral. Below are the details you provided in the referral of the tower you have proposed to construct:

Notification Received: 07/23/2019
Notification Referred: 11/12/2019

Notification ID: 187991
Tower Owner Individual or Entity Name: Environmental Assessment Specialists, Inc.
Consultant Name: Natalie Johnston
Street Address: 71 San Marino Ave
City: Ventura
State: CALIFORNIA
Zip Code: 93003
Phone: 805-650-0949
Email: nj2018@easenv.com

Structure Type: TREE - When used as a support for an antenna
Latitude: 34 deg 44 min 29.5 sec N
Longitude: 117 deg 21 min 54.4 sec W
Location Description: North of Lakeview Drive & East of Monterey Road (CSL04091)
City: Helendale
State: CALIFORNIA
County: SAN BERNARDINO
Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.
Ground Elevation: 791.6 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 36.6 meters above ground level
Overall Height AMSL: 828.2 meters above mean sea level

Entities Who Have Not Responded:

Eastern Shoshone Tribe
Contact Date: 07/24/2019

Fort Mojave Indian Tribe
Contact Date: 07/24/2019

Chemehuevi Tribe
Contact Date: 07/24/2019

Morongo Band of Mission Indians
Contact Date: 07/24/2019

Ramona Band of Cahuilla
Contact Date: 07/24/2019

Soboba Band of Luiseno Indians
Contact Date: 07/24/2019

Twenty Nine Palms Band of Mission Indians
Contact Date: 07/24/2019

**Note that the FCC will assign a unique Notification ID number for a site where the initial contact was not made through TCNS. You will need to reference this Notification ID number when you update your project's Status with us.

Natalie Johnston

From: towernotifyinfo@fcc.gov
Sent: Thursday, November 14, 2019 6:02 AM
To: Natalie Johnston
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #25322

Environmental Assessment Specialists, Inc.
Natalie Johnston
71 San Marino Ave
Ventura, CA 93003

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 11/07/2019 and 11/14/2019. Our contact with these Tribal Nations or NHOs was sent on 11/14/2019.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 11/14/2019, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).

2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 188335 Referred Date: 11/12/2019 Location: 1371 N. Citrus Avenue (CLL06374-SV0301), Covina, CA
Detailed Description of Project: AT&T proposes a collocation on an existing building. Trenching for utilities is required
Tribe Name: Eastern Shoshone Tribe
Tribe Name: Soboba Band of Luiseno Indians
Tribe Name: Twenty Nine Palms Band of Mission Indians

TCNS# 188336 Referred Date: 11/12/2019 Location: 2660 Pearblossom Highway (CLL02084), Los Angeles, CA
Detailed Description of Project: AT&T proposes to install antennas onto a faux water tower. Trenching will be required for utilities.
Tribe Name: Eastern Shoshone Tribe
Tribe Name: Soboba Band of Luiseno Indians
Tribe Name: Twenty Nine Palms Band of Mission Indians

TCNS# 187991 Referred Date: 11/12/2019 Location: North of Lakeview Drive & East of Monterey Road (CSL04091), Helendale, CA
Detailed Description of Project: AT&T proposes to install a new monopine with antennas. Ground disturbance is proposed.
Tribe Name: Chemehuevi Tribe
Tribe Name: Eastern Shoshone Tribe
Tribe Name: Fort Mojave Indian Tribe
Tribe Name: Morongo Band of Mission Indians
Tribe Name: Ramona Band of Cahuilla
Tribe Name: Soboba Band of Luiseno Indians
Tribe Name: Twenty Nine Palms Band of Mission Indians

TCNS# 188517 Referred Date: 11/12/2019 Location: APN: 3001-001-908 (CLL05408), Palmdale, CA
Detailed Description of Project: AT&T proposes to install antennas onto an existing water tank. Trenching is required for utilities.
Tribe Name: Eastern Shoshone Tribe
Tribe Name: Soboba Band of Luiseno Indians
Tribe Name: Twenty Nine Palms Band of Mission Indians

TCNS# 187096 Referred Date: 11/13/2019 Location: 820 Rider Street (CSL00287), Perris, CA
Detailed Description of Project: AT&T proposes to install an extension to an existing monopole. Some ground disturbance is required for equipment and trenching.
Tribe Name: Pauma/Yuima Band of Mission Indians

LEGEND:

* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.