State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-15444
HRI #
Trinomial CA-RIV-8142; Update
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-38

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, CA **Date** 1953 (photorevised 1979

T 5 S; **R** 2 W; NE ¼ **of** SW ¼ **of Sec** 34; **S.B.B.M.**

c. Address: **City** **Zip**

d. Zone 11S 492722 **mE/** 3727531 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): The site is located approximately 2.0 km southeast of the community of Winchester, 330 m west of Patterson Ave., 320 m south of Patton Ave., within APN 465190059. The site is situated within three discrete clusters of large granitic outcrops, on the eastern slope of a low rocky knoll forming the northeastern-most portion of a series of low hills and knolls. The site is located within the proposed Area of Potential Effect (APE) of the State Route 79 (SR 79) Realignment Project.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): Measuring 40 x 22 m (NW-SE x NE-SW), CA-RIV-8142 is a prehistoric floral resource procurement/processing location containing three granitic outcrops (Features 1–3) with a total of five milling slick features. No cultural materials were observed within the immediate vicinity of the outcrops. This update serves to summarize the results of an Extended Phase I (XPI) testing program conducted at the site in September 2007 and March 2008 for the SR 79 Realignment Project. The purpose of the XPI program was to determine the presence/absence of cultural deposits in subsurface contexts.

XPI testing at CA-RIV-8142 entailed the manual excavation of eight Shovel Probes (SHPs 1-8) 30 cm in diameter placed within and adjacent to the site boundaries near Features 1-3, and/or within those areas appearing to have the highest potential to contain cultural deposits in subsurface contexts (see Site Map). All the excavated sediments were screened through 1/8-in. hardware mesh. Maximum depths achieved during the excavations of SHPs 1-8 ranged from 50 to 190 cm below ground surface; all probes terminated at the contact of decomposing bedrock. SHPs 1and 4-8 proved to be sterile of cultural materials; however, a single white quartz tertiary flake was recovered from the 0-20 cm level of SHP 2, and a crystalline quartz tertiary flake was recovered at 32 cm below the ground surface within SHP 3

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features; AP 16: Other (2 flakes recovered from subsurface contexts during XPI testing).

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Bruce Allen (APN No. 465190059).

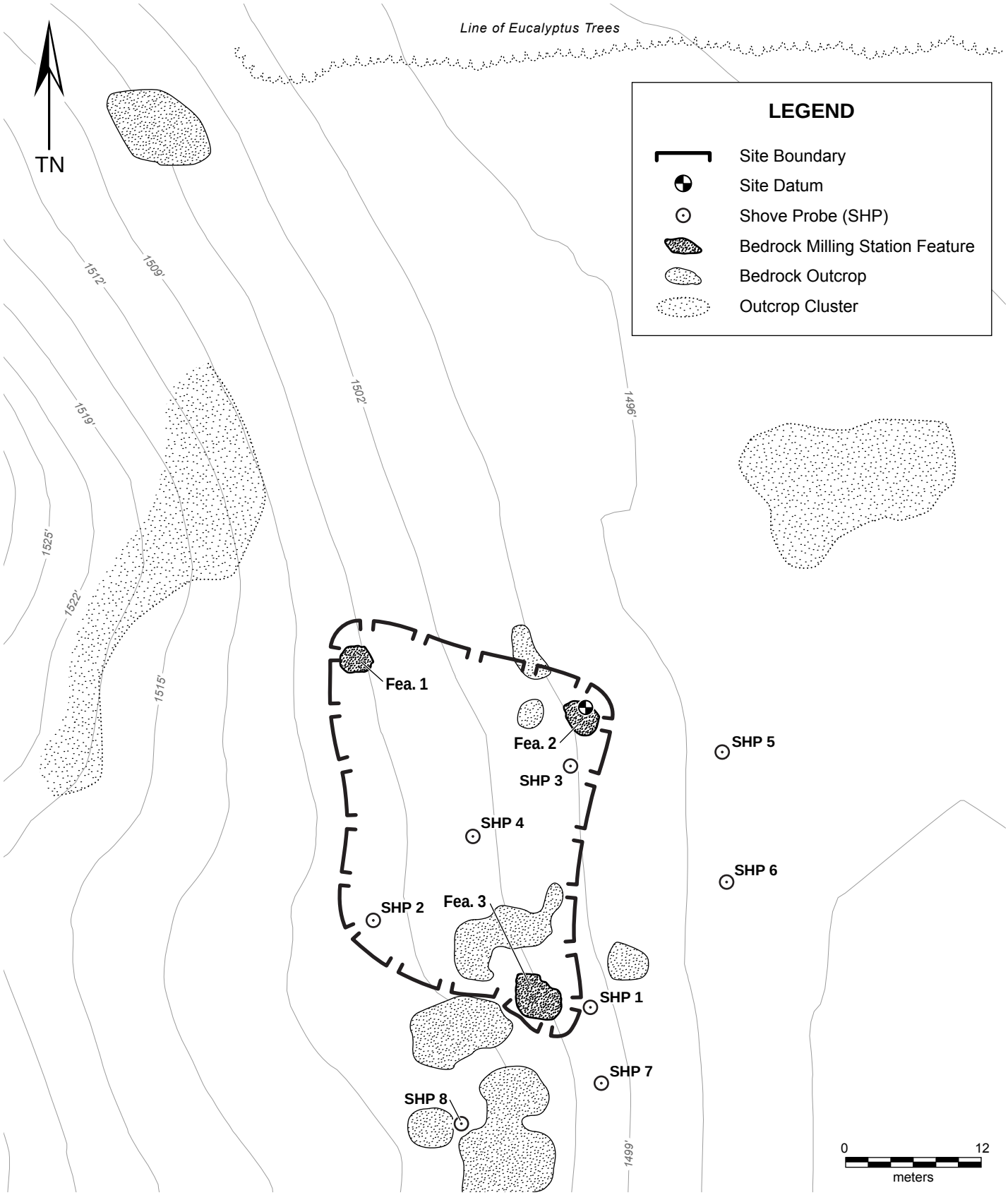
***P8. Recorded by** (Name, affiliation, address): R. J. Lichtenstein, D. Largo, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 11 September 2007; 06 March 2008.

***P10. Type of Survey:** □ Intensive □ Reconnaissance ☒ Other
Describe: XPI testing.

***P11. Report Citation** (Provide full citation or enter "none"): *Draft Extended Phase I Report, 14 Archaeological Sites in Southern San Jacinto Valley: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto and the County of Riverside.* Prepared for Christie Hammond, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record □ Archaeological Site Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record □ Photograph Record Other:


Line of Eucalyptus Trees
TN
LEGEND
Site Boundary
Site Datum
Shove Probe (SHP)
Bedrock Milling Station Feature
Bedrock Outcrop
Outcrop Cluster
1512'
1509'
1502'
1496'
1519'
1525'
1522'
1515'
1499'
Fea. 1
Fea. 2
Fea. 3
SHP 1
SHP 2
SHP 3
SHP 4
SHP 5
SHP 6
SHP 7
SHP 8
0
12
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 33-015444
HRI#
Trinomial CA-RIV-8142; Update

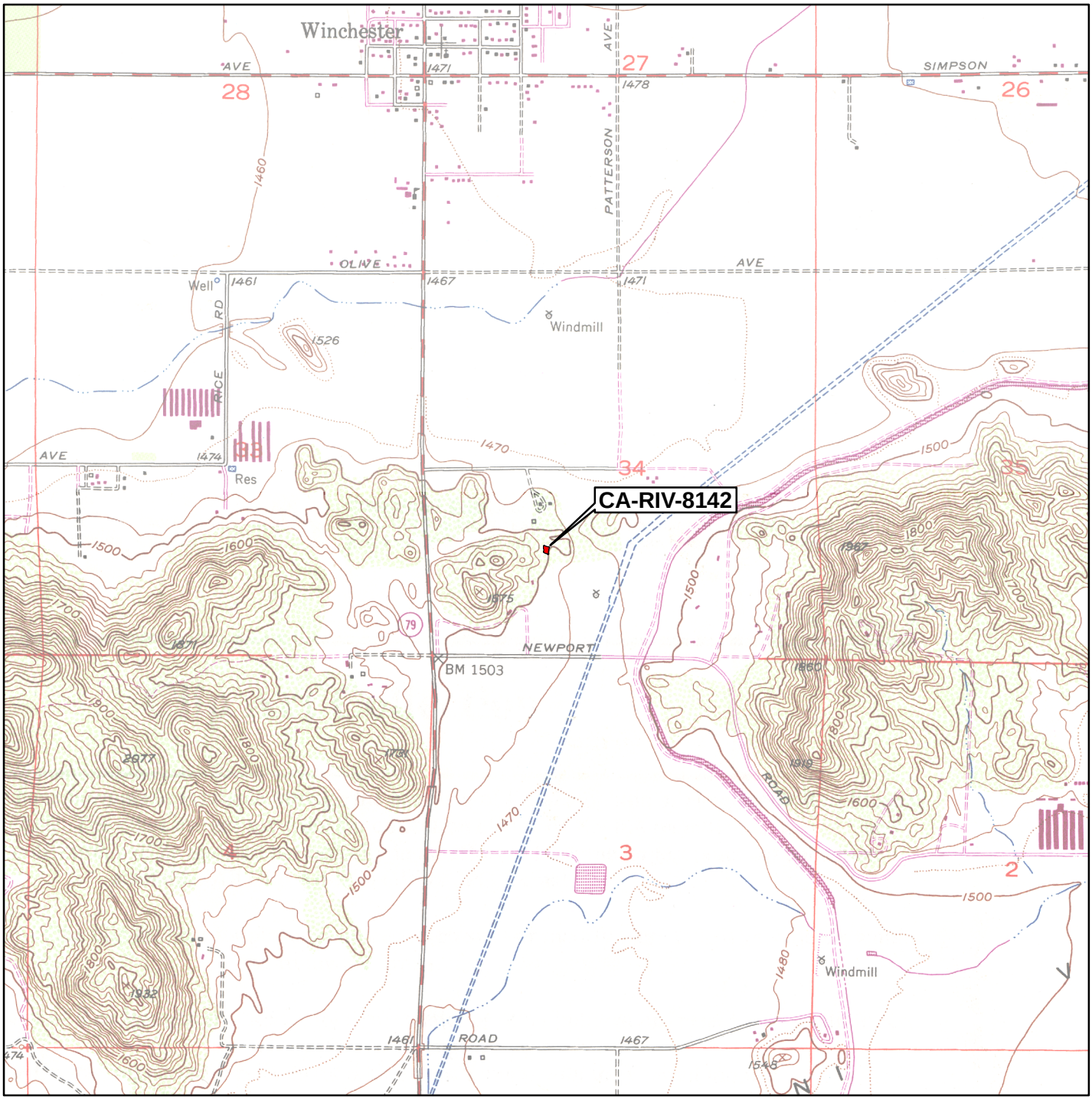
Page 4 **of** 4

***Resource Name or #:** Æ-SR79-38

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

TRUE NORTH

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # 33-15444
HRI #
Trinomial CA-RIV-8142
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-38

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, CA **Date** 1953 (photorevised 1979

T 5 S; **R** 2 W; NE ¼ **of** SW ¼ **of Sec** 34; **S.B.B.M.**

c. Address: **City** **Zip**

d. Zone 11S 492722 **mE/** 3727531 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): The site is located approximately 2.0 km southeast of the community of Winchester, 330 m west of Patterson Ave., 320 m south of Patton Ave., within APN 465190059. The site is situated within three discrete clusters of large granitic outcrops, on the eastern slope of a low rocky knoll forming the northeastern-most portion of a series of low hills and knolls. The site is located within the proposed Area of Potential Effect (APE) of the State Route 79 Realignment Project.

From the intersection of Winchester Rd./SR 79 (current alignment) and Patton Ave., travel 0.3 mi east on Patton Ave.; from here the site is located approximately 350 due south through a privately-owned large field interspersed with rocky knolls. The highest point of the southern end of outcrop Feature 2 (at UTMs 3727540 mN/492733 mE) serves as site datum.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8142 is a 40 x 20-m prehistoric floral resource procurement/processing location containing three granitic outcrops (Features 1–3) with a total of five milling slick features. No cultural materials were observed within the immediate vicinity of the outcrops. The site is situated in discrete outcrop clusters interspersed by disked areas. The site lies on gentle slopes in a mixed erosional/depositional environment with potentially deep (50–60+ cm) sediments, which, in addition to the site's location near the base of the hill system north of Domenigoni Valley, suggest moderate to high potential for subsurface cultural deposits.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Bruce Allen (APN No. 465190059).

***P8. Recorded by** (Name, affiliation, address): C. Bouscaren, S. Wadsworth, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 12 June 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15-m pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record ☒ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other:

ARCHAEOLOGICAL SITE RECORD

***A1. Dimensions: a. Length:** 40 m (NW-SE) **b. Width:** 22 m (NE-SW)
Method of Measurement: □ Paced □ Taped □ Visual estimate ☒ Other GPS mapping
Method of Determination (Check any that apply): □ Artifacts ☒ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: ☒ High □ Medium □ Low Explain: Discrete outcrop features; however, potentially deep soils (50-60+ cm) have potential for subsurface cultural deposits, which may expand the site boundary as currently defined.
Limitations (Check any that apply): □ Restricted access □ Paved/built over □ Disturbances □ Site limits incompletely defined □ Other (Explain): None.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): Surface examination only.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): Features observed consist of one low bedrock exposure (Feature 1) and two outcrops (Features 2 and 3) containing a combined total of five milling slick features (see Milling Station Record for further details).

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with feature): No cultural materials were observed.

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** ☒ Good ☒ Fair □ Poor (Describe disturbances): Site integrity appears to minimally to moderately impaired. The primary disturbances are attributed to natural weathering/exfoliation of the outcrops, disking, and grazing of cattle.

***A8. Nearest Water** (Type, distance, and direction): Salt Creek, a seasonal drainage that has been channelized in recent/modern times, is approximately 1.2 km north of site

***A9. Elevation:** 1,480 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): The site is situated in discrete granitic outcrops on the eastern slope of a low rocky knoll among a series of knolls and hills at the northern base of the hill system north of Domenigoni Valley. Slope ranges from 2–10°; exposure is open/360°. Sediments consist of a moderately deep (50–60+ cm) mixture of light yellowish-brown sandy silt to clay and decomposing granitic soils. Vegetation consists of Riversidian Sage Scrub predominated by invasive species (mustard, foxtail, and fiddleneck), with chamise and California buckwheat growing in undisturbed areas.

A11. Historical Information (Note sources and provide full citations in Field A15 below): N/A

***A12. Age:** ☒ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) □ Turn of century (1880–1914) □ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain):

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): CA-RIV-8142 consists of a prehistoric floral resource procurement/processing location containing three granitic outcrops with a total of five milling slick features. No cultural materials were observed within the immediate vicinity of the bedrock milling features; however, given site's proximity to nearby hills and the partial depositional nature of the immediate environment, potential for buried cultural deposits is estimated as moderate to high.

A14. Remarks: CA-RIV-8142 is located partially within the SR79 Realignment Project Area of Potential Effect (APE); avoidance is recommended. If avoidance is not a feasible option, a limited program of subsurface testing is recommended to verify the absence/presence of subsurface and potentially deeply buried cultural deposits. The qualitative and quantitative data potential of the outcrops and milling features was fully realized during the present site recordation effort.

A15. References (Give full citations including the names and addresses of persons interviewed, if possible): None.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See attached Photograph Record.

***A17. Form Prepared by:** C. Bouscaren **Date:** 12–13 June 2006
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 33-15444
Trinomial CA-RIV-8142

Resource Name or # (Assigned by Recorder): Æ-SR79-38

Form Prepared by: C. Bouscaren **Date:** 13 June 2006

Feature	Outcrop Dimensions (m) and Orientation				Bedrock Type and Condition
1	3.94 NW-SE	x 2.6 NE-SW	x Height	0.45 m	Granitic, moderately exfoliated.
2	3.38 N-S	x 1.88 E-W	x Height	1.0 m	Granitic, minimally to moderately exfoliated.
3	4.67 E-W	x 4.45 N-S	x Height	0.67 m	Granitic, moderately exfoliated.
			x Height		

Feature #	Milling Surface #	Type	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	1	MS	110	44	—	None	Minimally to moderately ground/polished; minimally weathered/exfoliated.
2	1	MS	30	19	—	None	Minimally polished, minimally exfoliated.
2	2	MS	31	21	—	None	Minimally to moderately polished; minimally exfoliated.
3	1	MS	67	41	—	None	Minimally ground/polished; minimally to moderately exfoliated.
3	2	MS	31	28	—	None	Minimally ground/polished; minimally to moderately exfoliated.

Type Key:
CO Conical mortar
OM Oval mortar
SM Saucer mortar
PM Possible mortar
MS Milling slick
BM Basin milling feature
Other:

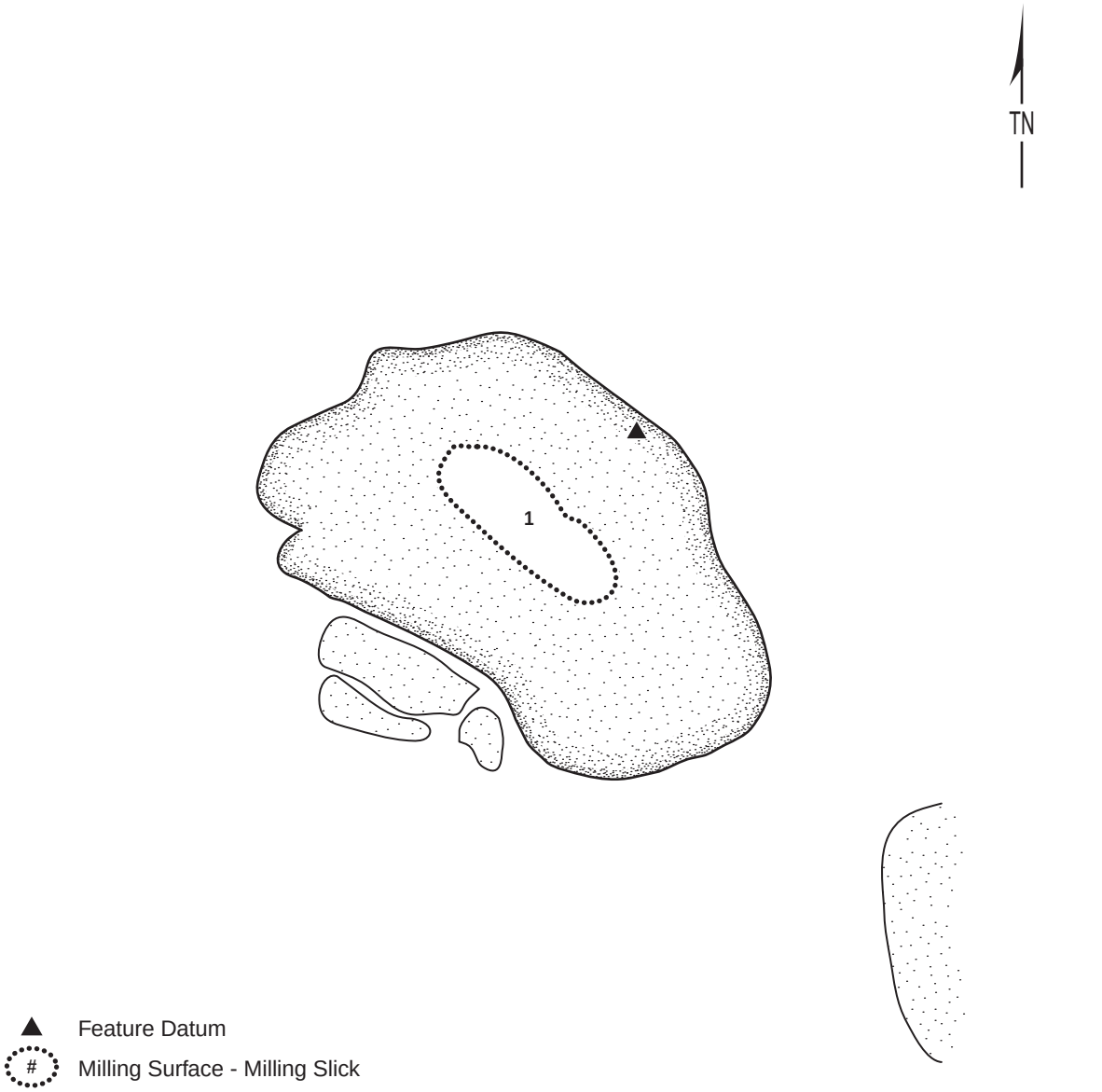
Contents Key:
S Filled with soil
L Filled with leaves
U Unexcavated
R Contains rock
P Contains pestle
M Contains mano
Other:

NOTE: Attach plan(s) of milling stations.

Required Information

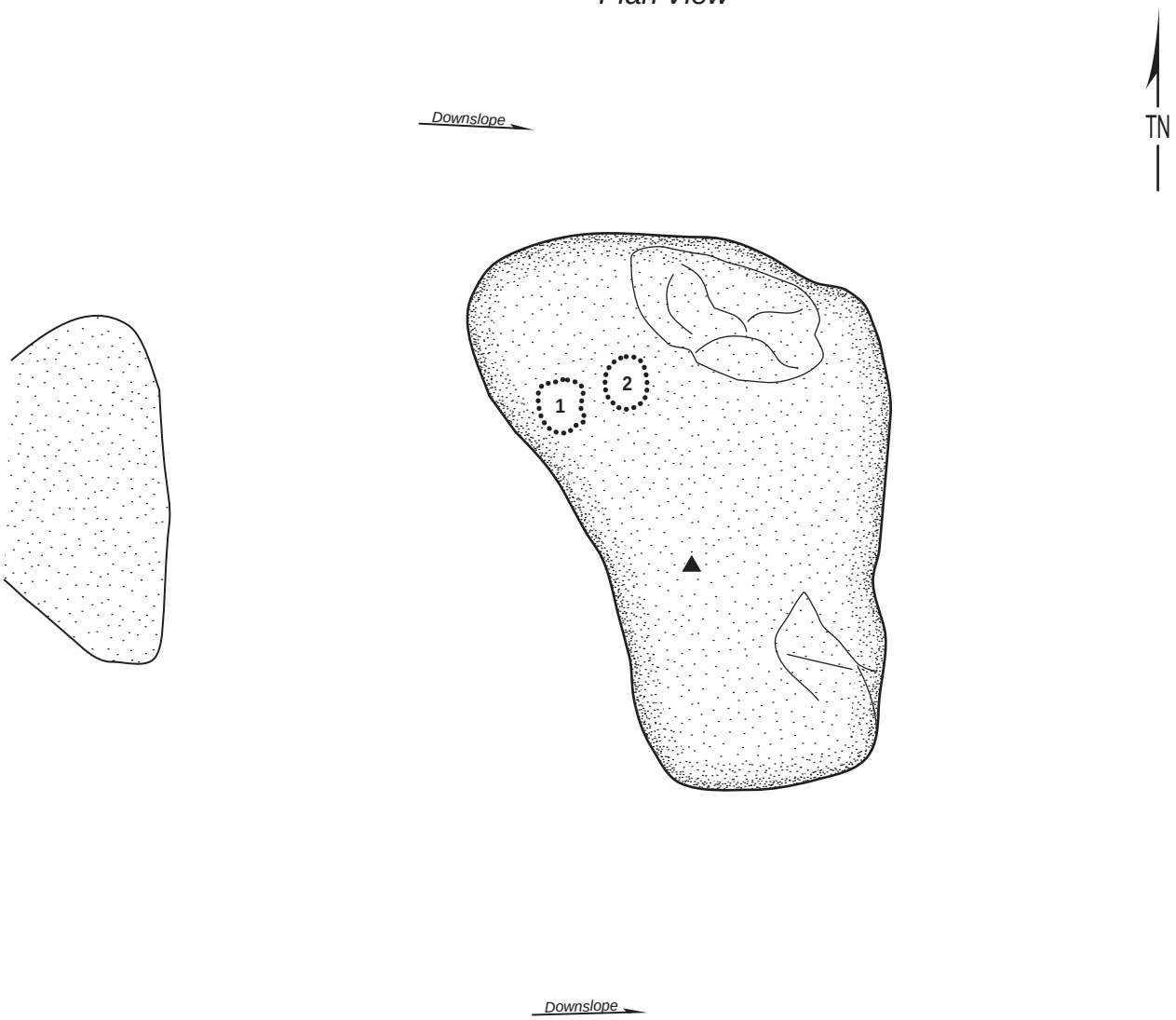
FEATURE 1

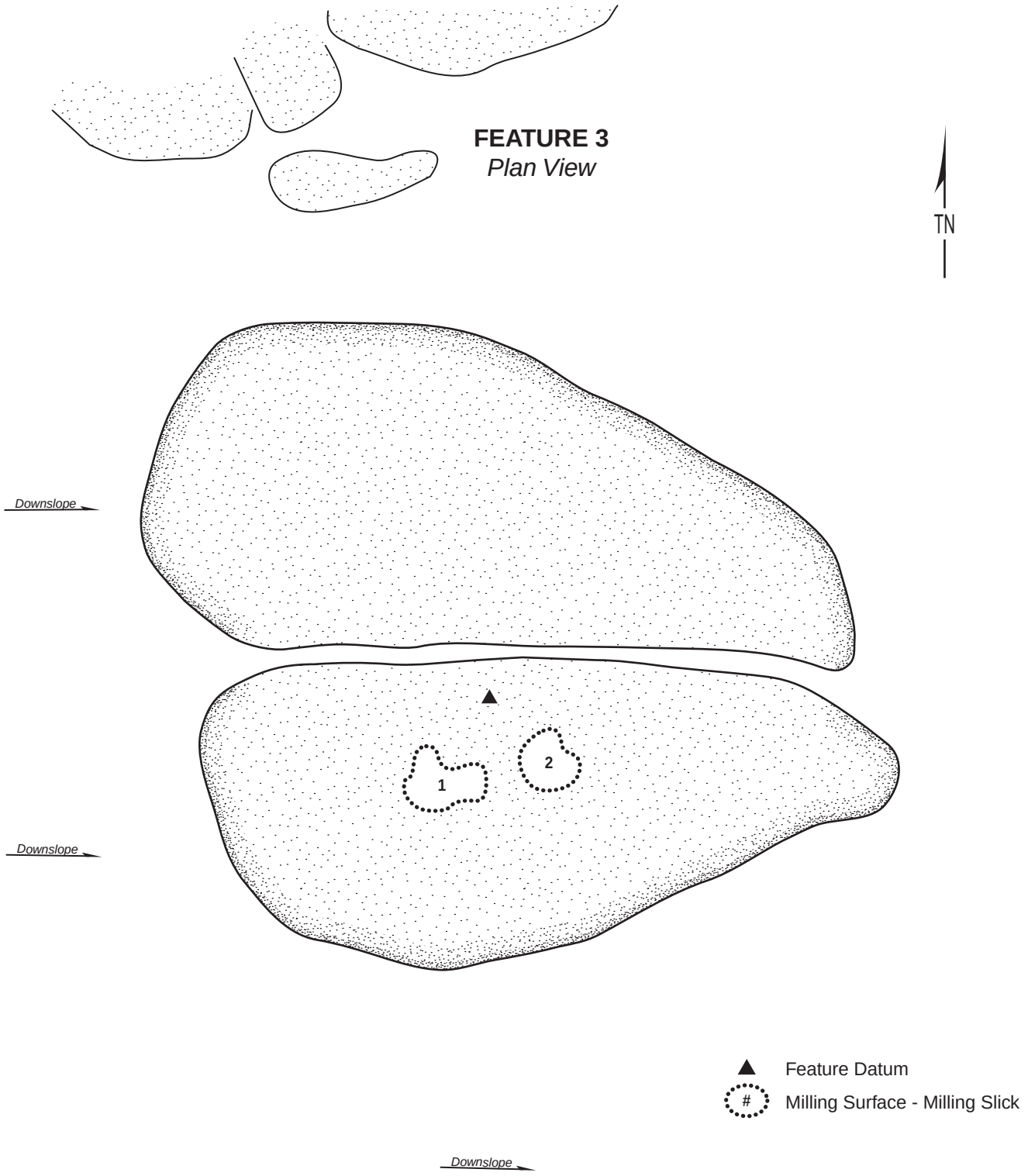
Plan View



FEATURE 2

Plan View

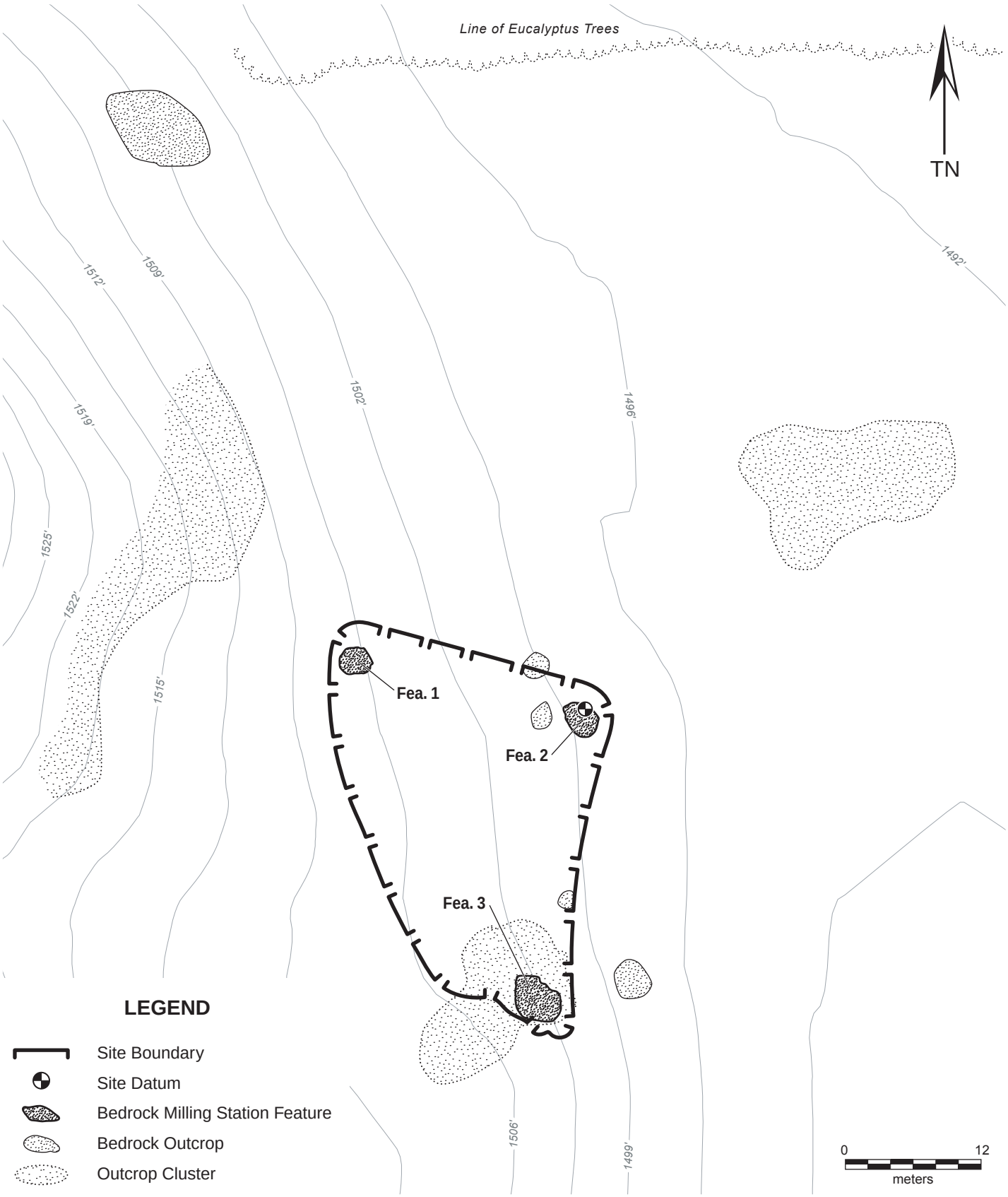



FEATURE 3
Plan View
TN
Downslope
1
2
Downslope
Downslope
Feature Datum
Milling Surface - Milling Slick
0
100
cm

PHOTOGRAPH RECORD

Temporary Number/Resource Name: Æ-SR79-38
Project Name: State Route 79 Realignment Project **Photographer:** S. Wadsworth
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film □ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk ☒ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Flashcard **Roll Number:** SR79-3-dm
Year: 2006

Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
6	12	1600	DSCN0002	CA-RIV-8142; site datum, wrapped rock on Feature 2.	SE
6	12	1615	DSCN0003	CA-RIV-8142; Feature 2, close-up milling slicks 1 and 2.	N
6	13	1100	DSCN0004	CA-RIV-8142; site overview, Feature 3 foreground, Feature 2 background.	N
6	13	1115	DSCN0005	CA-RIV-8142; Feature 3, close-up milling slicks 1 and 2.	N
6	13	1130	DSCN0006	CA-RIV-8142; Feature 1, milling slick 1.	W
6	13		DSCN0007	CA-RIV-8142; site overview, Feature 1 in back, Feature 2 datum in front.	NW


Line of Eucalyptus Trees
TN
1492'
1496'
1502'
1509'
1512'
1519'
1525'
1522'
1515'
1506'
1499'
Fea. 1
Fea. 2
Fea. 3
LEGEND
Site Boundary
Site Datum
Bedrock Milling Station Feature
Bedrock Outcrop
Outcrop Cluster
0
12
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

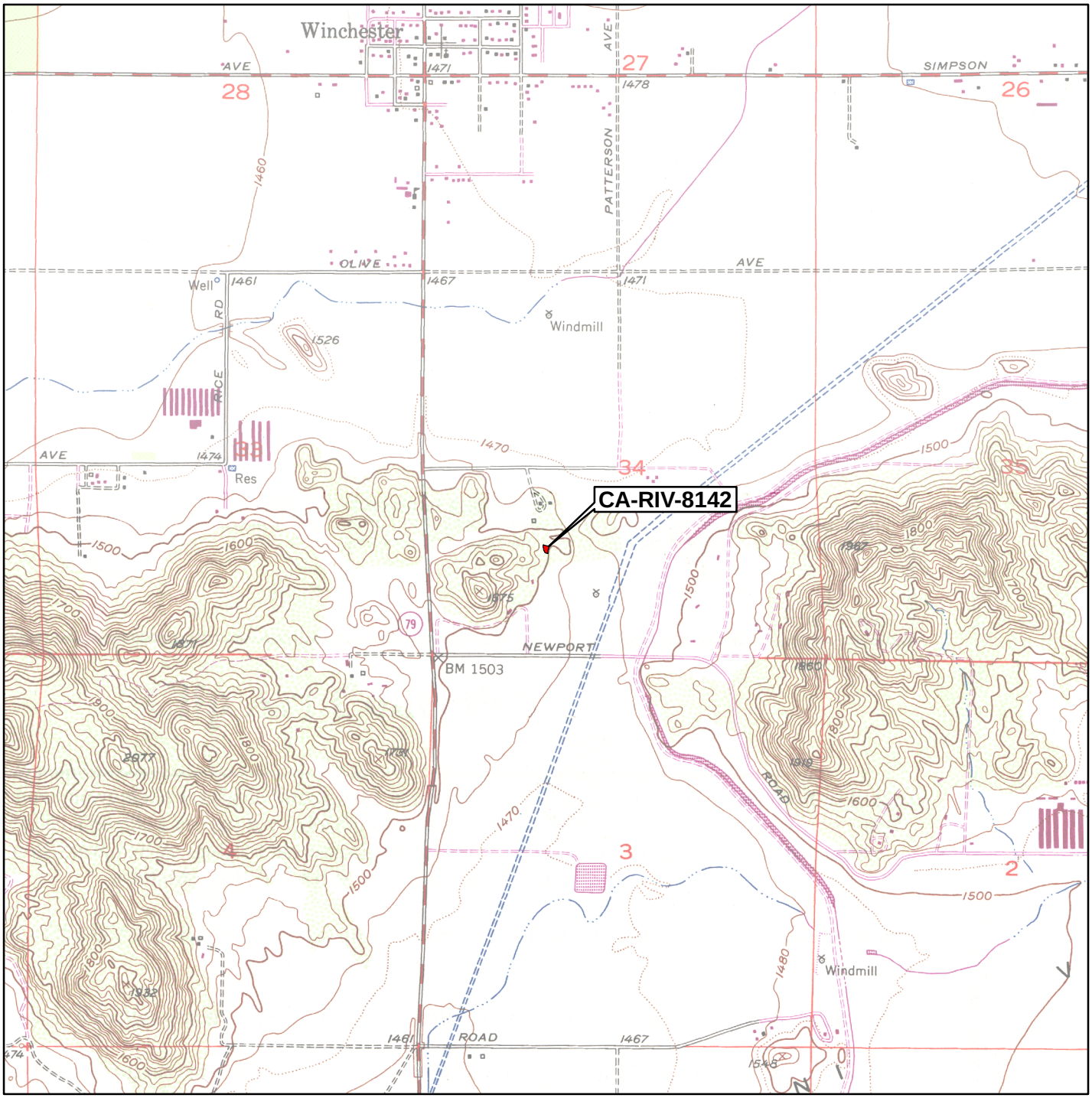
Primary # P33-15444
HRI#
Trinomial CA-RIV-8142

***Resource Name or #:** Æ-SR79-38

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

TRUE NORTH

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

State of California — The Resources Agency **Primary #** 33-15445
DEPARTMENT OF PARKS AND RECREATION **HRI #**
PRIMARY RECORD
Trinomial CA-RIV-8143; Update
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-39

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979

T 5 S; **R** 2 W; NE ¼ **of** SW ¼ **of Sec** 34; **S.B.B.M.**

c. Address: **City** **Zip**

d. Zone 11S 492798 **mE/** 3727645 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): The site is located approximately 1.9 km southeast of the town of Winchester, 225 m south of Patton Ave., 265 m west of Patterson Ave., and within APN 465190059. The site is situated within the proposed State Route 79 (SR 79) Realignment Project Area of Potential Effect (APE) at the northeastern terminus of a field of large granitic outcrops and boulders clustered on a low knoll that forms part of a relatively flat terrace or diffused ridge.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8143 measures 38 x 11 m (NW-SE x NE-SW), and consists of a prehistoric floral resource procurement/processing location containing three granitic outcrops (Features 1–3) with a total of four milling slicks. The milling slicks range from minimally to extensively ground/polished. No other cultural features or materials were observed within the immediate vicinity of the outcrops with milling features. This update serves to summarize the results of an Extended Phase I (XPI) testing program conducted at the site in September 2007 for the SR 79 Realignment Project. The purpose of the XPI program was to determine the presence/absence of cultural deposits in subsurface contexts.

XPI testing at CA-RIV-8143 entailed the manual excavation of three Shovel Probes (SHPs 1-3) 30 cm in diameter placed within and immediately adjacent to the Project APE near Feature 3, and within those areas appearing to have the highest potential to contain cultural deposits in subsurface contexts (see Site Map). All the excavated sediments were screened through 1/8-in. hardware mesh. Maximum depths achieved during the excavations of SHPs 1-3 ranged from 57 to 110 cm below ground surface, and all probes terminated at the contact of decomposing bedrock. No cultural materials were recovered from subsurface contexts within SHPs 1-3, suggesting that it is highly unlikely that buried cultural deposits are present at CA-RIV-8143.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Bruce Allen (APN No. 465190059).

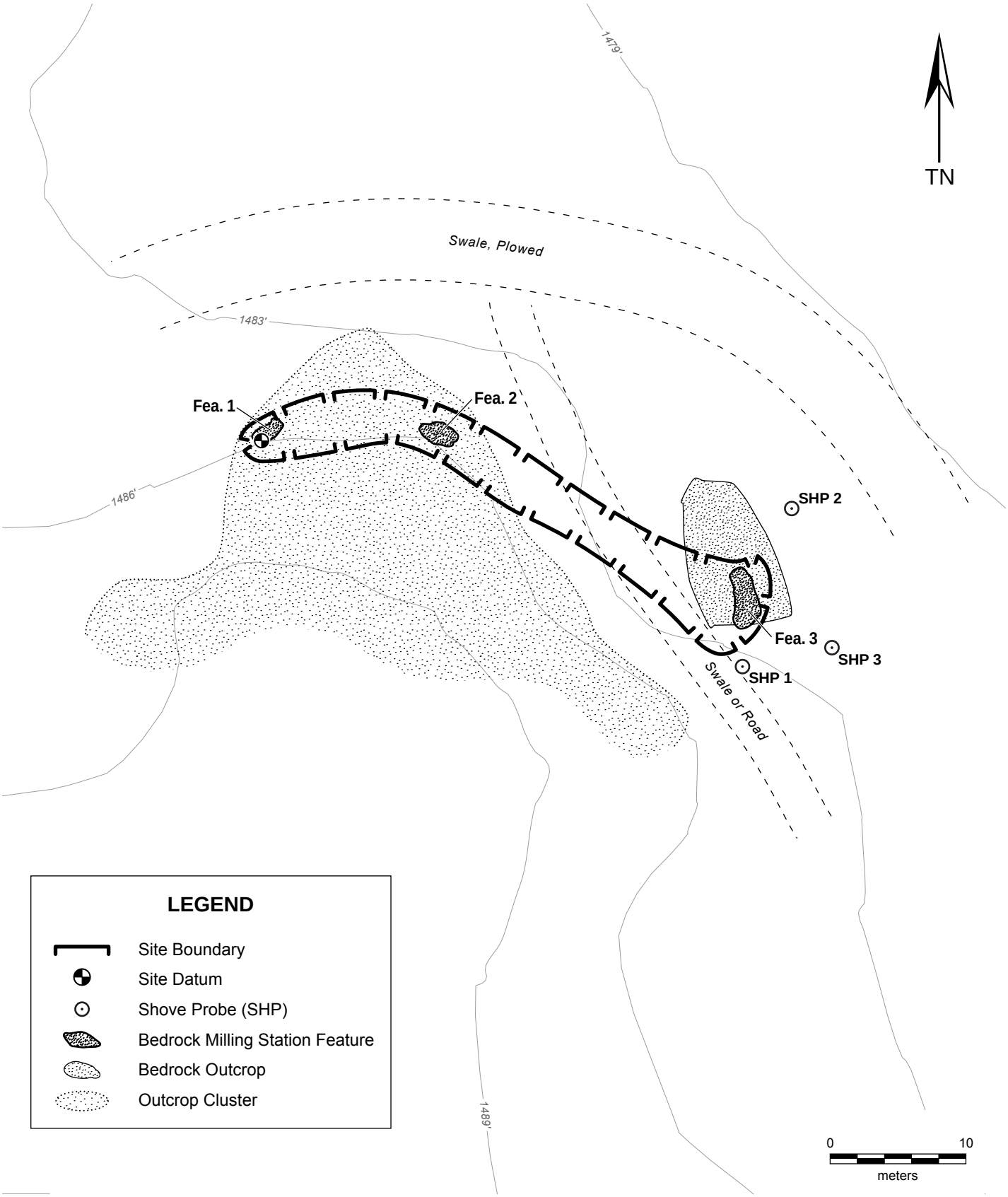
***P8. Recorded by** (Name, affiliation, address): R. J. Lichtenstein, D. Largo, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 10 September 2007.

***P10. Type of Survey:** □ Intensive □ Reconnaissance ☒ Other
Describe: XPI testing.

***P11. Report Citation** (Provide full citation or enter "none"): *Draft Extended Phase I Report, 14 Archaeological Sites in Southern San Jacinto Valley: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto and the County of Riverside.* Prepared for Christie Hammond, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record □ Archaeological Site Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record □ Photograph Record Other:


TN
1479'
Swale, Plowed
1483'
Fea. 1
Fea. 2
1486'
SHP 2
Fea. 3
SHP 3
SHP 1
Swale or Road
1489'
LEGEND
Site Boundary
Site Datum
Shove Probe (SHP)
Bedrock Milling Station Feature
Bedrock Outcrop
Outcrop Cluster
0
10
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 33-015445
HRI#
Trinomial CA-RIV-8143; Update

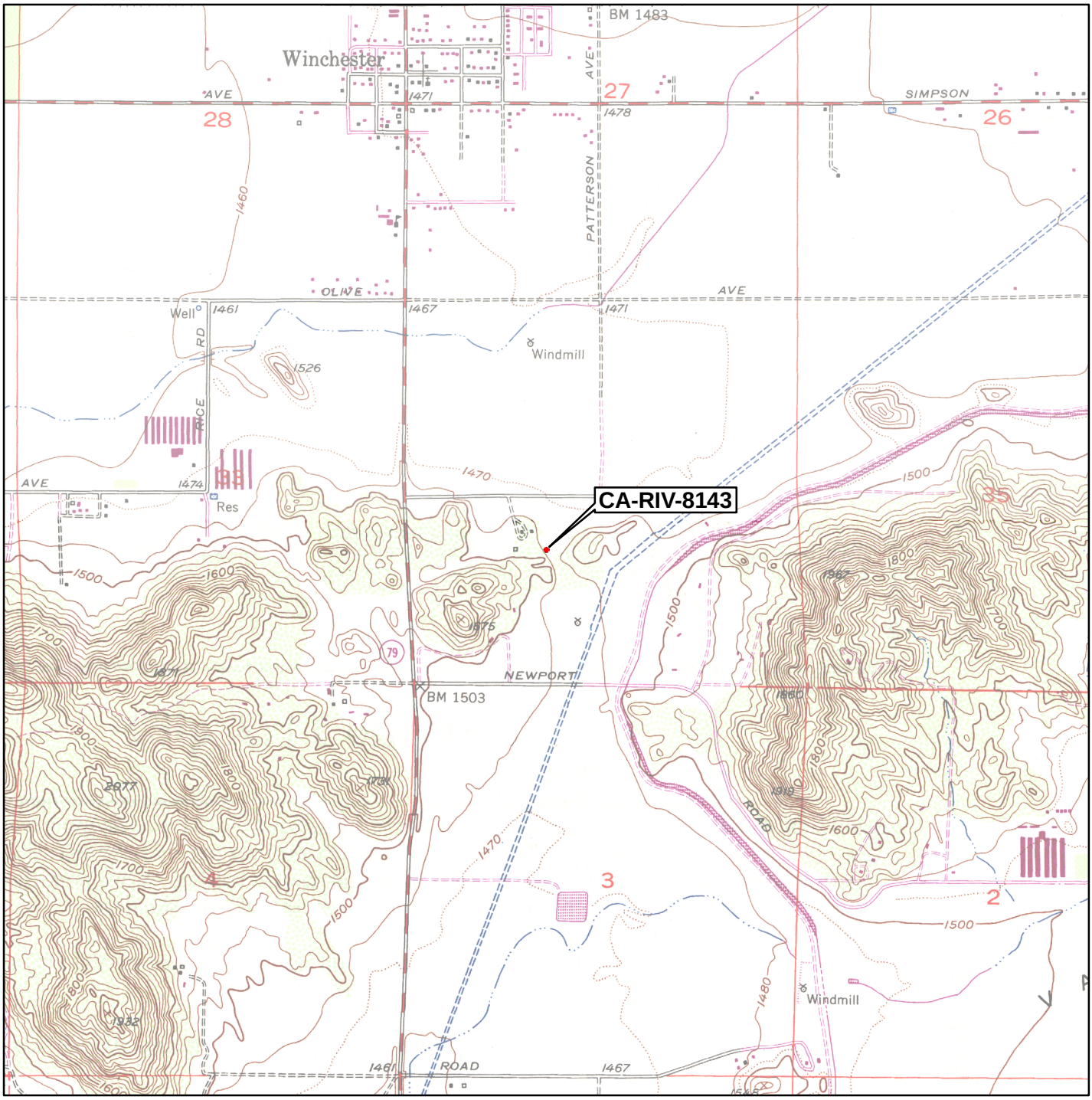
Page 4 **of** 4

***Resource Name or #:** Æ-SR79-39

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # 33-15445
HRI #
Trinomial CA-RIV-8143
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-39

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979

T 5 S; **R** 2 W; NE ¼ **of** SW ¼ **of Sec** 34; **S.B.B.M.**

c. Address: **City** **Zip**

d. Zone 11S 492798 **mE/** 3727645 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): The site is located approximately 1.9 km southeast of the town of Winchester, 225 m south of Patton Ave., 265 m west of Patterson Ave., and within APN 465190059. The site is situated at the northeastern terminus of a field of large granitic outcrops and boulders clustered on a low knoll that forms part of a relatively flat terrace or diffused ridge. The highest point of a 80 x 75 x 70-cm (L x W x H) elevated, broken segment near the west end of outcrop Feature 1 serves as both Feature 1 and site datum, at UTM coordinates 3727649 mN/492778 mE. The site is located within the proposed SR 79 Realignment Project Area of Potential Effect (APE).

From the intersection of Winchester Rd./SR 79 (current alignment) and Patton Ave., travel 0.5 mi east to the Patterson Ave. intersection. From the southwest corner of the intersection, walk approximately 330 m at 233° (SW) to the site.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8143 is a 38 x 11-m prehistoric floral resource procurement/processing location containing three granitic outcrops (Features 1–3) with a total of four milling slicks. The milling slicks range from minimally to extensively ground/polished. No other cultural features or materials were observed within the immediate vicinity of the outcrops; however, excepting a roughly 7 m-wide disked swath, ground surface visibility in the immediate site area is poor due to dense vegetation. Additionally, although sediments appear relatively shallow (±20–40 cm) on-site, areas of greater deposition occur in the immediate site vicinity with apparently deeper (±50–100 cm) sediments, and there is minimal to moderate potential for subsurface cultural deposits.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Bruce Allen (APN No. 465190059).

***P8. Recorded by** (Name, affiliation, address): C. Bouscaren, S. Wadsworth, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 13 June 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15-m pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record ☒ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other:

ARCHAEOLOGICAL SITE RECORD

***A1. Dimensions: a. Length:** 38 m (NW-SE) **b. Width:** 11 m (NE-SW)
Method of Measurement: □ Paced □ Taped □ Visual estimate ☒ Other GPS mapping
Method of Determination (Check any that apply): □ Artifacts ☒ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: □ High ☒ Medium □ Low Explain: Three discrete outcrop milling features; ground surface visibility is poor (< 10%) due to dense vegetation. Minimal to moderate potential for subsurface cultural deposits exists, which may expand the site boundary as currently defined.
Limitations (Check any that apply): □ Restricted access □ Paved/built over □ Disturbances □ Site limits incompletely defined □ Other (Explain): None.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only; however, although sediments appear relatively shallow (±20–40 cm) on-site, areas of greater deposition occur in the immediate site vicinity with apparently deeper (±50–100+ cm) sediments, and there is minimal to moderate potential for subsurface cultural deposits.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): Surface examination only.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): Features observed consist of three granitic outcrops/exposures (Features 1–3) with a total of four milling slicks. The milling slicks range from minimally to extensively ground/polished, and are minimally to extensively weathered (see Milling Station Record for further details).

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with feature): None observed.

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** □ Good ☒ Fair □ Poor (Describe disturbances): Site integrity appears minimally to moderately impaired, with the primary disturbances attributed to natural weathering/exfoliation of the outcrops and milling slicks, especially Milling Slick #1 on Feature 1. Additionally, a segment of the elevated portion of Feature 1, immediately east of Feature 1/site datum, appears to have been mechanically broken. A dirt road or swale bisects the site between outcrop Features 2 and 3, and plowed and/or disked areas occur in the field immediately north and east of the site.

***A8. Nearest Water** (Type, distance, and direction): Salt Creek, a seasonal drainage that has been channelized in modern times, is located approximately 0.9 km due north of the site.

***A9. Elevation:** 1,485 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): CA-RIV-8143 is situated on a slope at the northeastern terminus of a field of large granitic boulder outcrops on a low north-northeast trending terrace or diffused ridge. Slope is gentle (< 10°), with a generally northeastern aspect; exposure is open/360°. Sediments immediately surrounding the bedrock milling outcrops consist of shallow (±10–40 cm), decomposing granitic soils, while apparently deeper (±50–100 cm) sediments occur adjacent to and beyond the toe of the slope. Vegetation consists of buckwheat and chamise, although most of the disturbed areas are thick with mustard, foxtail, and fiddleneck.

A11. Historical Information (Note sources and provide full citations in Field A15 below): N/A

***A12. Age:** ☒ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) □ Turn of century (1880–1914) □ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain):

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): CA-RIV-8143 consists of a prehistoric floral resource procurement/processing location containing three granitic outcrop milling features with a total of four milling slicks. No other cultural features or materials were observed within the immediate vicinity of the outcrops; however, excepting a roughly 7 m-wide disked swath, ground surface visibility in the immediate site area is poor due to dense vegetation. Additionally, although sediments appear relatively shallow (±20–40 cm) on-site, areas of greater deposition occur in the immediate site vicinity with apparently deeper (±50–100 cm) sediments, and there is minimal to moderate potential for subsurface cultural deposits.

A14. Remarks: CA-RIV-8143 is located within the proposed SR 79 Realignment Project APE; avoidance is recommended. If avoidance is not a feasible option, a limited program of subsurface testing is recommended to determine the absence/presence of subsurface cultural deposits. The qualitative and quantitative data potential of the outcrops milling features themselves was fully realized by the present site recordation efforts.

A15. References (Give full citations including the names and addresses of persons interviewed, if possible): None.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See attached Photograph Record.

***A17. Form Prepared by:** C. Bouscaren **Date:** 12–13 June 2006
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 33-15445
Trinomial CA-RIV-8143

Resource Name or # (Assigned by Recorder): Æ-SR79-39

Form Prepared by: C. Bouscaren

Date: 13 June 2006

Feature	Outcrop Dimensions (m) and Orientation				Bedrock Type and Condition
1	2.5 NE-SW	x 1.2 SE-NW	x Height	0.9 m	Granitic, extensively exfoliated and possibly mechanically broken.
2	3.1 E-W	x 1.4 N-S	x Height	0.55 m	Granitic exposure, moderately weathered/exfoliated.
3	5.0 N-S	x 2.0 E-W	x Height	0.65 m	Granitic exposure with split boulder resting on it; extensively exfoliated.
			x Height		

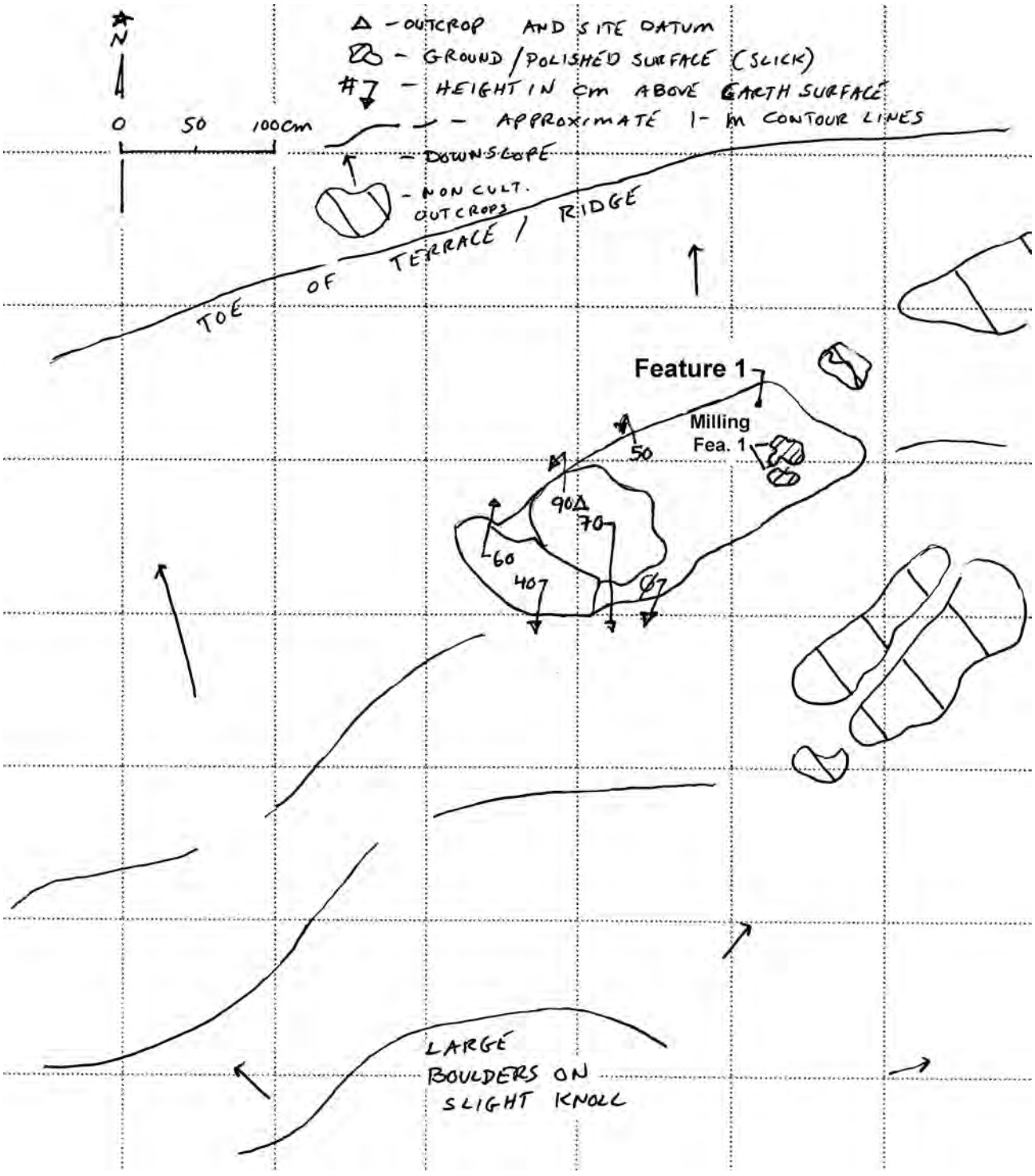
Feature #	Milling Surface #	Type	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	1	MS	27	18	—	None	Discontinuous due to exfoliation; minimally to extensively ground/polished and fragmented by extensive exfoliation.
2	1	MS	46	41	—	None	Feature datum; moderately to extensively exfoliated.
2	2	MS	28	17	—	None	
3	1	MS	25	17	—	None	Minimally to moderately ground/polished; minimally exfoliated/weathered; Feature datum.

Type Key:
CO Conical mortar
OM Oval mortar
SM Saucer mortar
PM Possible mortar
MS Milling slick
BM Basin milling feature
Other:

Contents Key:
S Filled with soil
L Filled with leaves
U Unexcavated
R Contains rock
P Contains pestle
M Contains mano
Other:

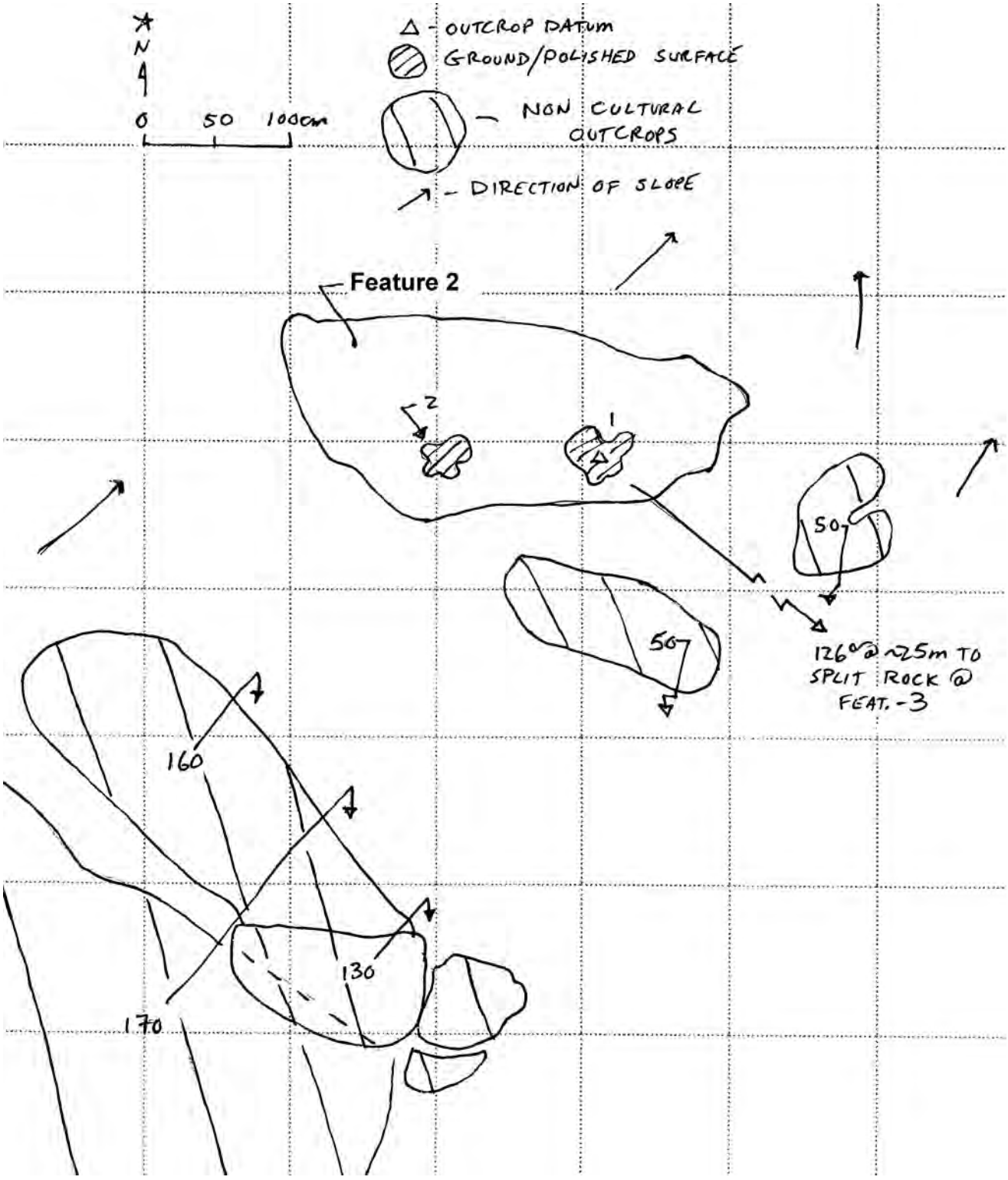
FEATURE 1

Plan View



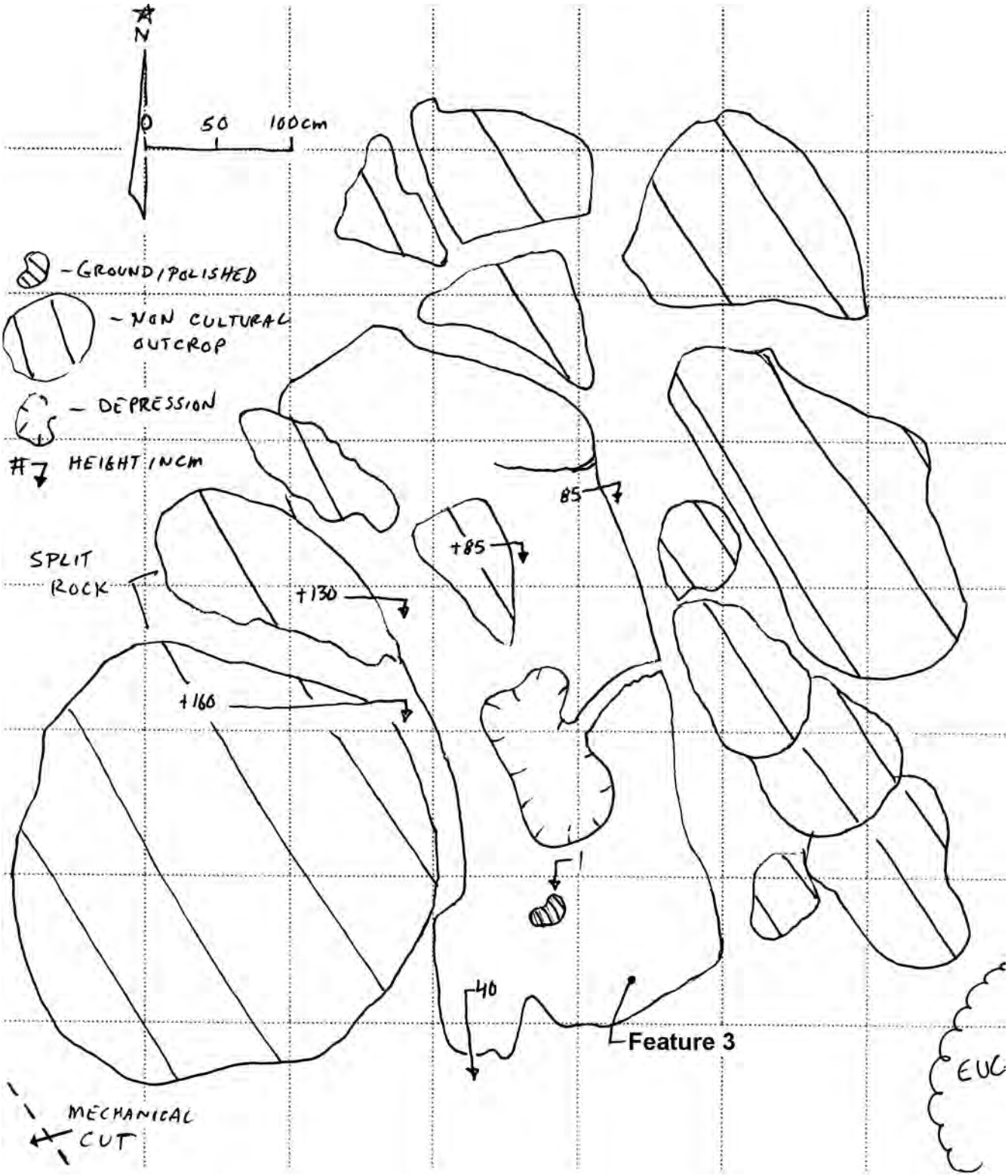
FEATURE 2

Plan View



FEATURE 3

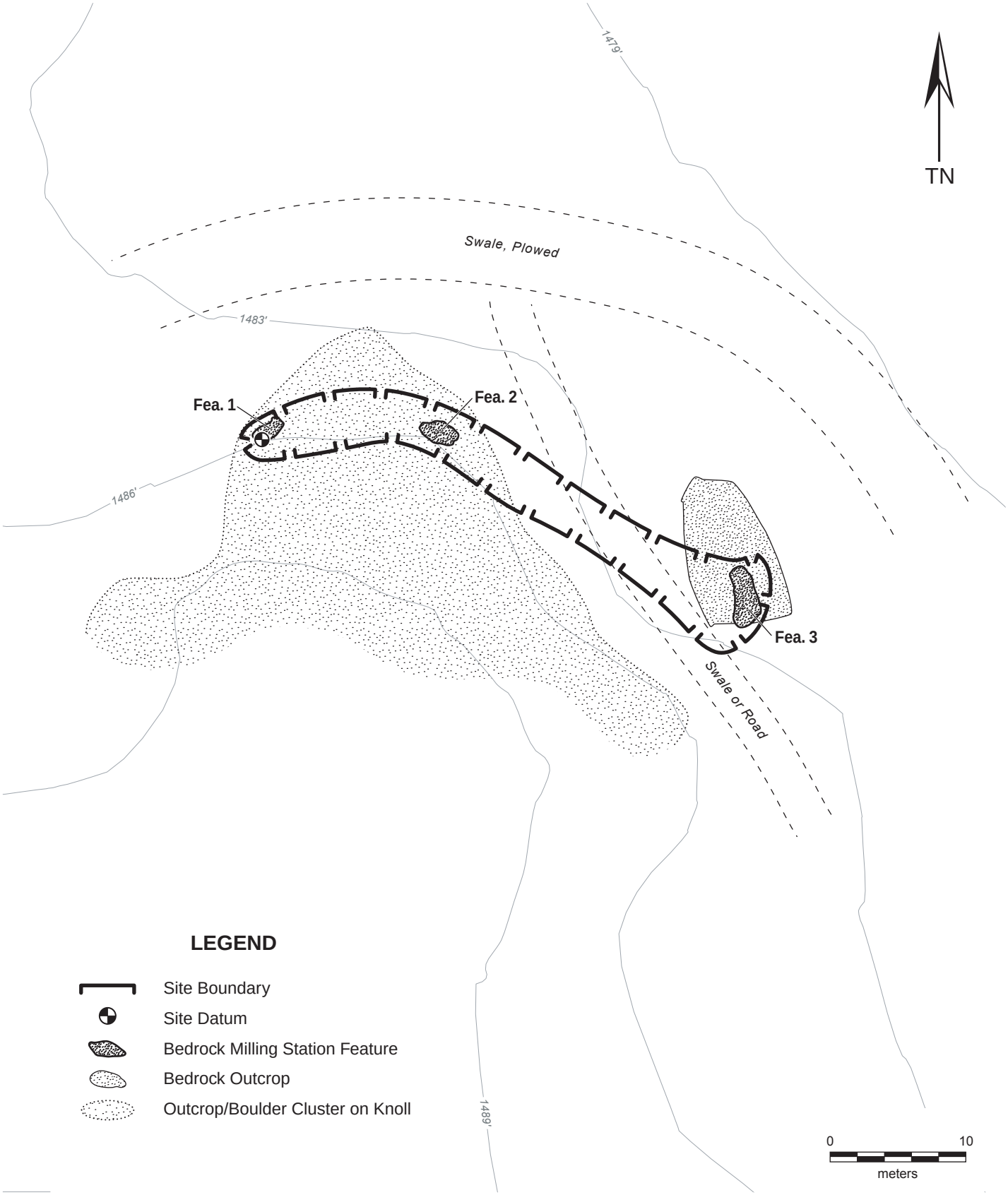
Plan View



PHOTOGRAPH RECORD

Temporary Number/Resource Name: Æ-SR79-39
Project Name: State Route 79 Realignment Project **Photographer:** S. Wadsworth
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film □ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk ☒ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Flashcard **Roll Number:** SR79-3-dm
Year: 2006

Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
6	13	1420	DSCN0008	CA-RIV-8143; Feature 2, milling slick 1 right, milling slick 2 left.	N
6	13	1500	DSCN0009	CA-RIV-8143; Feature 1, milling slick 1, site datum high point at left.	N
6	13	1509	DSCN0010	CA-RIV-8143; site overview, Feature 1 front, Feature 2 center, Feature 3 back.	E
6	13	1515	DSCN0011	CA-RIV-8143; Feature 3, milling slick 1 close-up.	N
6	13	1520	DSCN0012	CA-RIV-8143; view from Feature 2 across swale toward Feature 3 behind split rock.	SE
6	13	1530	DSCN0013	CA-RIV-8143; site datum on Feature 1.	S


TN
1479'
Swale, Plowed
1483'
Fea. 1
Fea. 2
1486'
Fea. 3
Swale or Road
1489'
LEGEND
Site Boundary
Site Datum
Bedrock Milling Station Feature
Bedrock Outcrop
Outcrop/Boulder Cluster on Knoll
0
10
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

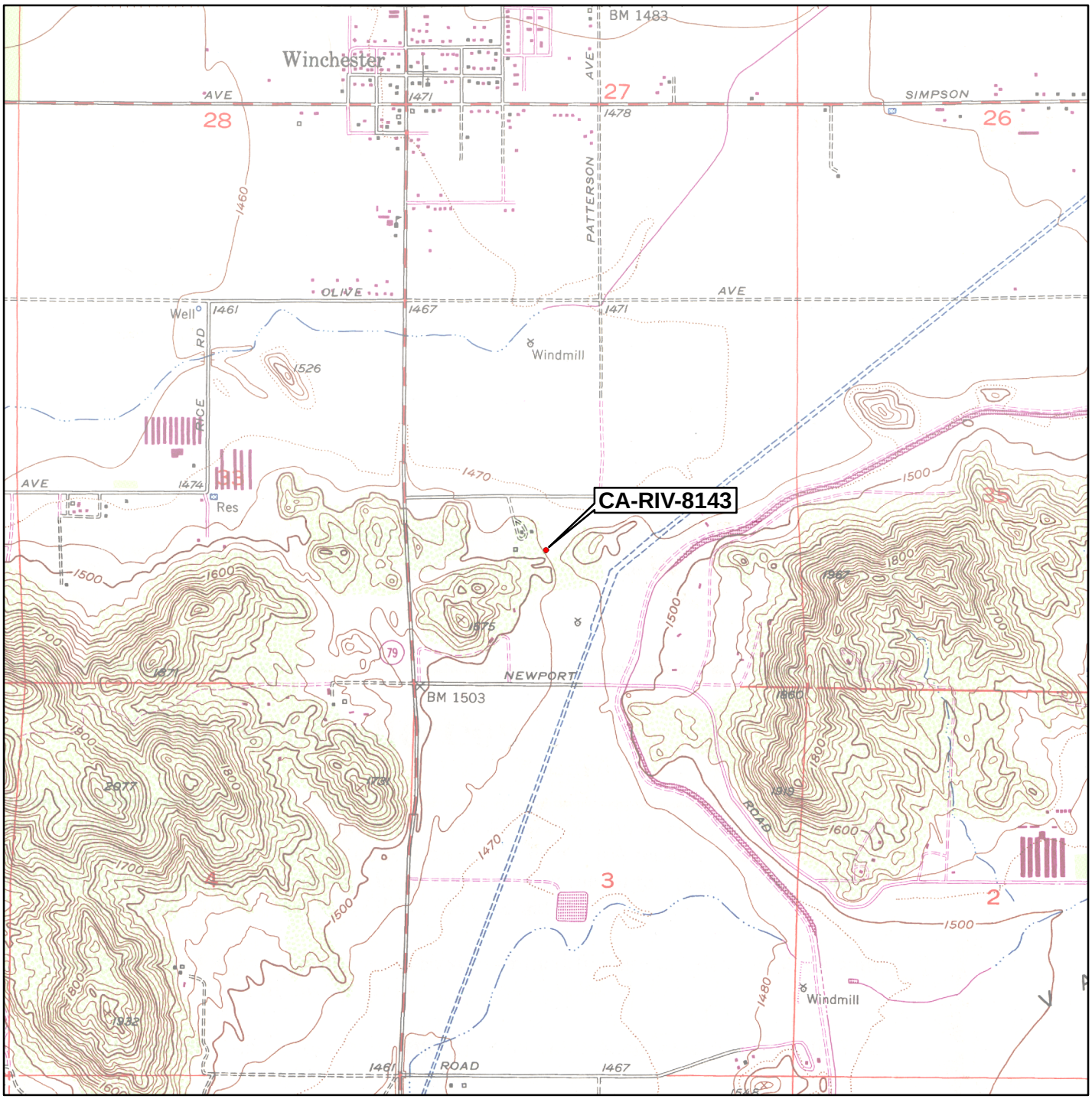
Primary # P33-15445
HRI#
Trinomial CA-RIV-8143

***Resource Name or #:** Æ-SR79-39

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

TRUE NORTH

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # 33-15449
HRI #
Trinomial CA-RIV-8147; Update
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-56

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, CA **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; SE ¼ **of** SW ¼ **of Sec** ; **S.B.B.M.**

c. Address: 33350 Newport Rd. **City** Winchester **Zip** 92596

d. Zone 11S 492690 **mE/** 3727377 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): Located immediately adjacent to the proposed State Route 79 (SR79) Realignment Project Area of Potential Effect (APE), CA-RIV-8147 is situated approximately 2.1 km southeast of the town of Winchester, 450 m east of Winchester Rd./SR 79 (current alignment), and 280 m north of Newport Rd within APN 465190031. The site is situated at the northeast edge of a prominent cluster of granitic boulders and outcrops in a fenced enclosure adjacent and west of the gravel driveway leading to 33350 Newport Rd, approximately 5 m south of the gate that accesses the residence.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8147 is a prehistoric floral resource procurement/processing location consisting of a single, small (2.2 x 1.0 x 0.4 m: L x W x H), low-lying granitic outcrop (Feature 1) with three milling slicks ranging from minimally to moderately ground/polished; one of the slicks (Milling Slick #2) is truncated by extensive exfoliation. No other cultural features or materials were observed within the immediate vicinity of the bedrock outcrop. However, immediately northwest of Feature 1 within the Project APE, the ground has been extensively disturbed and landscaped. This update serves to summarize the results of an Extended Phase I (XPI) testing program conducted at the site in September 2007 for the SR 79 Realignment Project. The purpose of the XPI program was to determine the presence/absence of cultural deposits in subsurface contexts.

Due to the ground disturbance present within the Project APE immediately northwest of Feature 1, XPI studies at CA-RIV-8147 entailed the excavation of one 30 cm diameter Shovel Probe (i.e., SHP 1) outside of the Project APE and northeast from Feature 1 in undisturbed sediments. All the sediments excavated from SHP 1 were screened through 1/8-in. hardware mesh. SHP 1 achieved a depth of 55 cm below ground surface before terminating at the contact of granitic bedrock. No cultural materials were recovered. Considering the site type (one outcrop with milling slicks), the extensively disturbed nature of the sediments within the area, and the negative testing results, it appears highly unlikely that any subsurface cultural deposits are present at the site.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Mary Dee Robinson (APN 465190031).

***P8. Recorded by** (Name, affiliation, address): R. J. Lichtenstein, D. Largo, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 10 September 2007.

***P10. Type of Survey:** □ Intensive □ Reconnaissance ☒ Other
Describe: XPI testing.

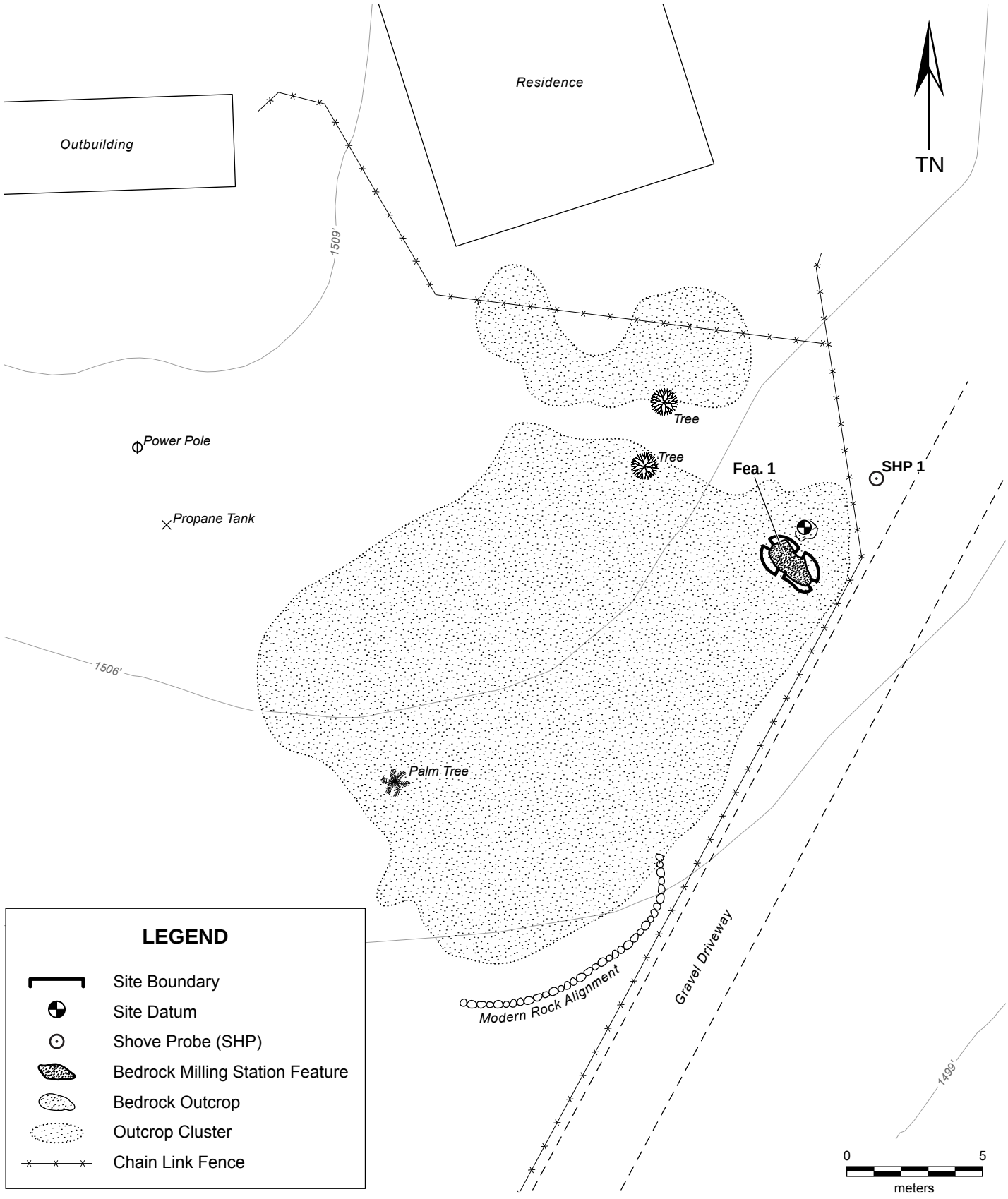
***P11. Report Citation** (Provide full citation or enter "none"): *Draft Extended Phase I Report, 14 Archaeological Sites in Southern San Jacinto Valley: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto and the County of Riverside.* Prepared for Christie Hammond, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record □ Archaeological Site Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record □ Photograph Record Other:

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION **SKETCH MAP**	**Primary #** 33-15449 **HRI #** **Trinomial** CA-RIV-8147; Update

Page 3 **of** 4 ***Resource Name or #** (Assigned by recorder): Æ-SR79-56

***Drawn by:** T. Everette, R. Lichtenstein **Scale:** 1" = 5 m ***Date of map:** September 2007



State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 33-015449
HRI#
Trinomial CA-RIV-8147; Update

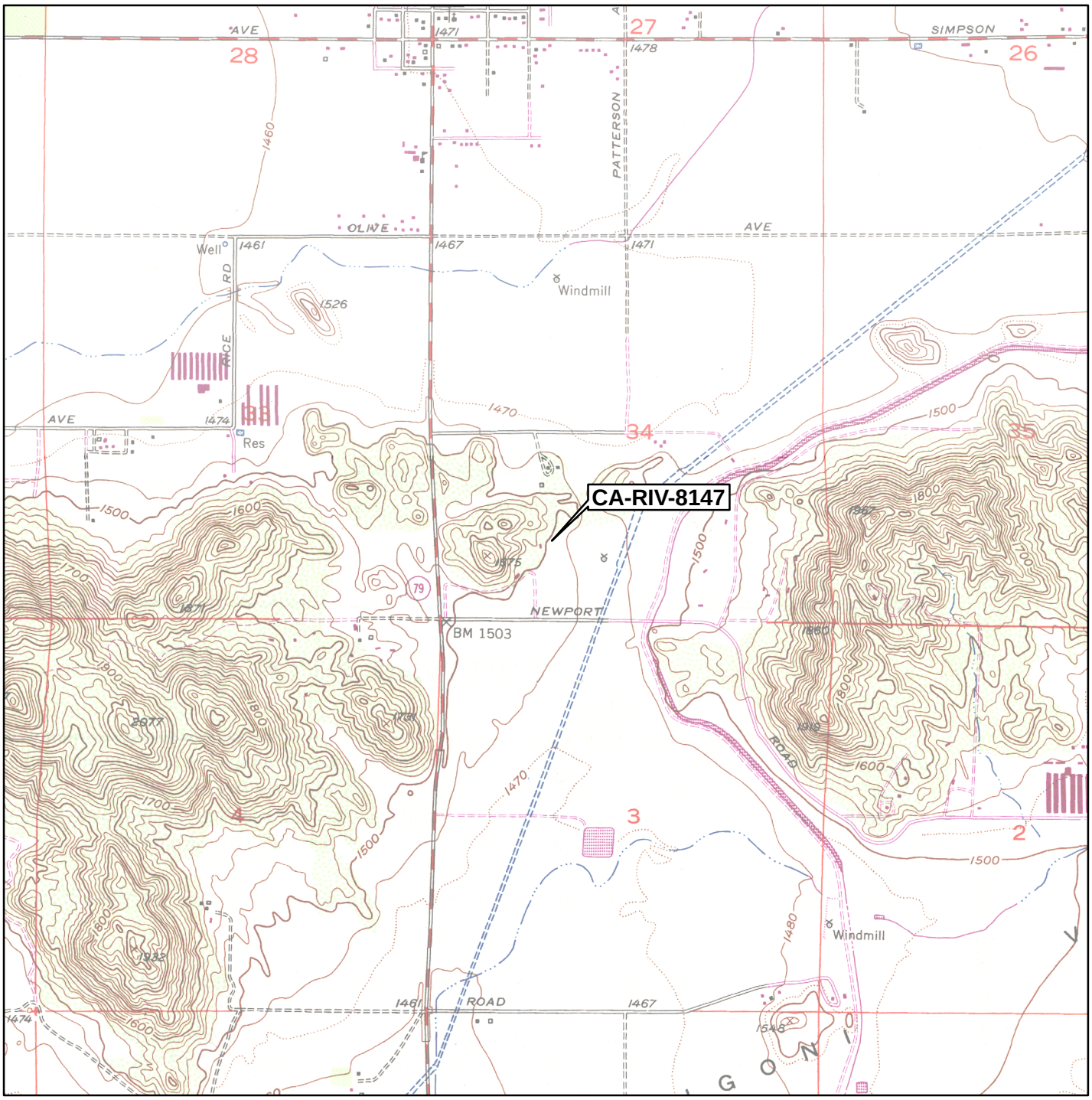
Page 4 **of** 4

***Resource Name or #:** Æ-SR79-56

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

State of California — The Resources Agency **Primary #** 33-15449
DEPARTMENT OF PARKS AND RECREATION **HRI #**
PRIMARY RECORD
Trinomial CA-RIV-8147
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-56

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, CA **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; SE ¼ **of** SW ¼ **of Sec** ; **S.B.B.M.**

c. Address: 33350 Newport Rd. **City** Winchester **Zip** 92596

d. Zone 11S 492690 **mE/** 3727377 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): CA-RIV-8147 is located approximately 2.1 km southeast of the town of Winchester, 450 m east of Winchester Rd./SR 79 (current alignment), 280 m north of Newport Rd, within APN 465190031. The site is situated at the northeast edge of a prominent cluster of granitic boulders and outcrops, in a fenced enclosure adjacent west to the gravel driveway leading to 33350 Newport Rd, approximately 5 m south of the gate that accesses the residence. The site is located within the proposed SR79 Realignment Project Area of Potential Effect (APE).

From the intersection of Winchester Rd./SR 79 (current alignment) and Newport Rd., travel approximately 0.25 mi east on Newport Rd to the driveway entrance to 33350 Newport Rd.; from here the site is located approximately 285 m north-northeast following the driveway, in a fenced enclosure immediately west of the driveway. The highest point of a boulder measuring 80 x 50 x 50 cm (L x W x H), located within 20 cm northeast of outcrop Feature 1, serves as site datum.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8147 is a small (2.2 x 1.0 x 0.4-m) prehistoric floral resource procurement/processing location consisting of a single, low-lying, granitic outcrop (Feature 1) with three milling slicks. The milling slicks range from minimally to moderately ground/polished; Milling Slick #2 is truncated by extensive exfoliation. No other cultural features or materials were observed within the immediate vicinity of the bedrock outcrop. However, at least two other known prehistoric milling sites are located within 100 m, CA-RIV-8148 and CA-RIV-8160 (see A13 below). Additionally, the outcrop is situated less than 100 m east of the base of a prominent granitic hill, on a gentle slope with potentially deep (100+ cm) sediments, and there is a minimal to moderate potential for subsurface cultural deposits.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Mary Dee Robinson (APN 465190031).

***P8. Recorded by** (Name, affiliation, address): C. Bouscaren, T. Everette, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 10 and 14 August 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15-m pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record ☒ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other:

ARCHAEOLOGICAL SITE RECORD

 *__Resource Name or #__ (Assigned by recorder) Æ-SR79-56

***A1. Dimensions: a. Length:** 2.2 m (NNW-SSE) **b. Width:** 1.0 m (WSW-ENE)
Method of Measurement: □ Paced ☒ Taped □ Visual estimate ☒ Other GPS mapping
Method of Determination (Check any that apply): □ Artifacts ☒ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: ☒ High □ Medium □ Low Explain: A single discrete outcrop milling feature. However, there is minimal to moderate potential for subsurface cultural deposits, which may expand the site boundary as currently defined.
Limitations (Check any that apply): □ Restricted access □ Paved/built over □ Disturbances □ Site limits incompletely defined □ Other (Explain): None.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only; however, the site is situated on a gentle slope and is surrounded by potentially deep (100+ cm) decomposing granitic soils, and there is minimal to moderate potential for subsurface cultural deposits.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): Surface examination only; however, given the site type, presence is unlikely.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): A single granitic outcrop (Feature 1) containing three milling slick features was observed. The milling slicks range from minimally to moderately ground/polished; Milling Slick #2 is truncated by extensive exfoliation (see Milling Station Record for further details).

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with feature): None observed.

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** □ Good ☒ Fair □ Poor (Describe disturbances): Site integrity appears to be minimally to moderately impaired, with the primary disturbance attributed to natural weathering/exfoliation of the outcrop feature and milling slicks (e.g., Milling Slick #2 is truncated by extensive exfoliation). The site is located in a fenced enclosure immediately west of a gravel driveway and approximately 5 m south of a gate to the residence on the property.

***A8. Nearest Water** (Type, distance, and direction): Salt Creek, an intermittent drainage that has been channelized in modern times, lies approximately 1.2 km north.

***A9. Elevation:** 1,502 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): CA-RIV-8147 is situated at the northeastern edge of a distinct cluster of low granitic outcrops and boulders approximately 75 m east of the base of a prominent, northeast/southwest-trending granitic hill. Slope on site is gentle (< 5°) with a southeastern aspect; exposure is open/360°. Sediments consist of potentially deep (±50–100 cm) decomposing granitic soils. Vegetation consists of ornamental cactus on-site, with some native tobacco plants immediately adjacent to the outcrop; local native vegetation consists of Riversidian Sage-Scrub communities.

A11. Historical Information (Note sources and provide full citations in Field A15 below): N/A

***A12. Age:** ☒ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) □ Turn of century (1880–1914) □ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain):

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): CA-RIV-8147 consists of a small prehistoric floral resource procurement/processing location containing a single cultural granitic outcrop with three milling slick features. The site is located near the base of a prominent granitic hill, on a gentle slope with potentially deep (100+ cm) sediments, and there is a minimal to moderate potential for subsurface cultural deposits.

The site is also located within 100 m of two other known prehistoric sites with milling features (CA-RIV-8148 and CA-RIV-8160), and may be associated and/or contemporaneous.

A14. Remarks: CA-RIV-8147 is located within the proposed SR 79 Realignment Project APE; avoidance is recommended. If avoidance is not a feasible option, a limited testing program is recommended to determine the presence/absence of subsurface cultural materials. The qualitative and quantitative data potentials of the bedrock milling features themselves have been fully realized by the present site recordation efforts.

A15. References (Give full citations including the names and addresses of persons interviewed, if possible): None.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See attached Photograph Record.

***A17. Form Prepared by:** C. Bouscaren **Date:** 10 and 14 August 2006
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 33-15449
Trinomial CA-RIV-8147

Resource Name or # (Assigned by Recorder): Æ-SR79-56

Form Prepared by: R. Lichtenstein **Date:** 13 July 2006

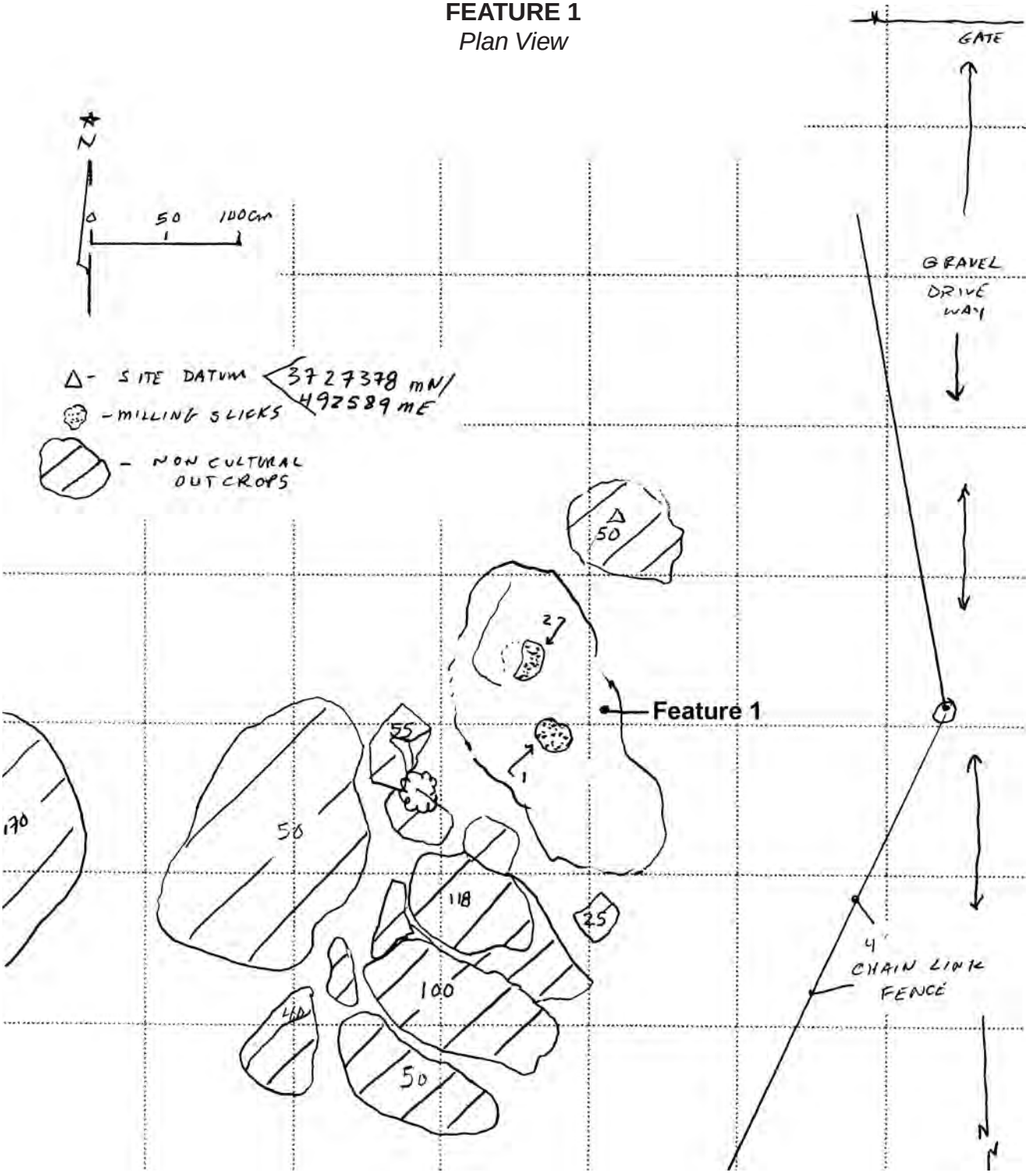
Feature	Outcrop Dimensions (m) and Orientation			Bedrock Type and Condition
1	2.6 NW-SE	**x** 2.3 NNE-SSW	**x Height** 1.25	Granitic, several cemented cracks, moderately weathered/exfoliated.
			x Height	
			x Height	
			x Height	
			x Height	

Feature #	Milling Surface #	Type	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	1	MS	30	30	N/A	None	Feature 1 and site datum; minimally to moderately ground/polished, minimally weathered/ exfoliated.
1	2	MS	30	20	N/A	None	Moderately ground/polished; minimally weathered/exfoliated.
1	3	MS	25	16	N/A	None	Minimally ground/polished; minimally weathered/exfoliated.

Type Key:
CO Conical mortar
OM Oval mortar
SM Saucer mortar
PM Possible mortar
MS Milling slick
BM Basin milling feature
Other:

Contents Key:
S Filled with soil
L Filled with leaves
U Unexcavated
R Contains rock
P Contains pestle
M Contains mano
Other:

FEATURE 1
Plan View



PHOTOGRAPH RECORD

Temporary Number/Resource Name: Æ-SR79-56
Project Name: State Route 79 Realignment Project **Photographer:** T. Everette
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film □ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk ☒ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Flashcard **Roll Number:** SR79-19-dm
Year: 2006

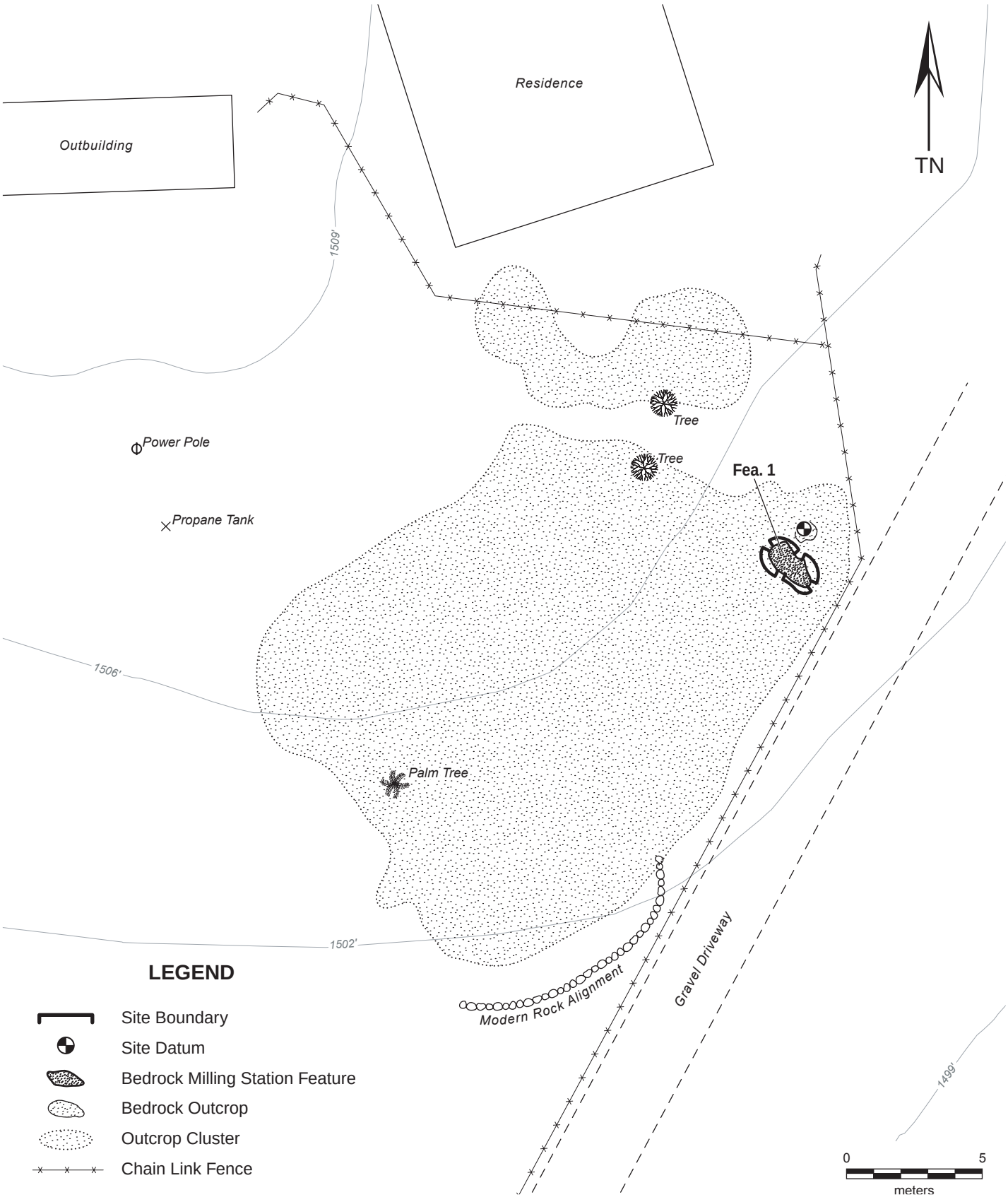
Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
8	10		DSCN0013	CA-RIV-8147; site overview from datum.	N
8	10		DSCN0014	CA-RIV-8147; site overview from datum.	E
8	10		DSCN0015	CA-RIV-8147; site overview from datum.	S
8	10		DSCN0016	CA-RIV-8147; site overview from datum.	W
8	10		DSCN0017	CA-RIV-8147; site datum, Feature 1.	S
8	10		DSCN0018	CA-RIV-8147; site datum detail.	S
8	10		DSCN0019	CA-RIV-8147; Feature 1 overview.	N
8	10		DSCN0020	CA-RIV-8147; Feature 1, milling slicks 1 and 2 detail.	N

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

SKETCH MAP

Primary # 33-15449
HRI #
Trinomial CA-RIV-8147

Page 8 **of** 9
***Resource Name or #** (Assigned by recorder): Æ-SR79-56
***Drawn by:** T. Everette
Scale: 1" = 5 m
***Date of map:** August 2006



*Required Information

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # P33-15449
HRI#
Trinomial CA-RIV-8147

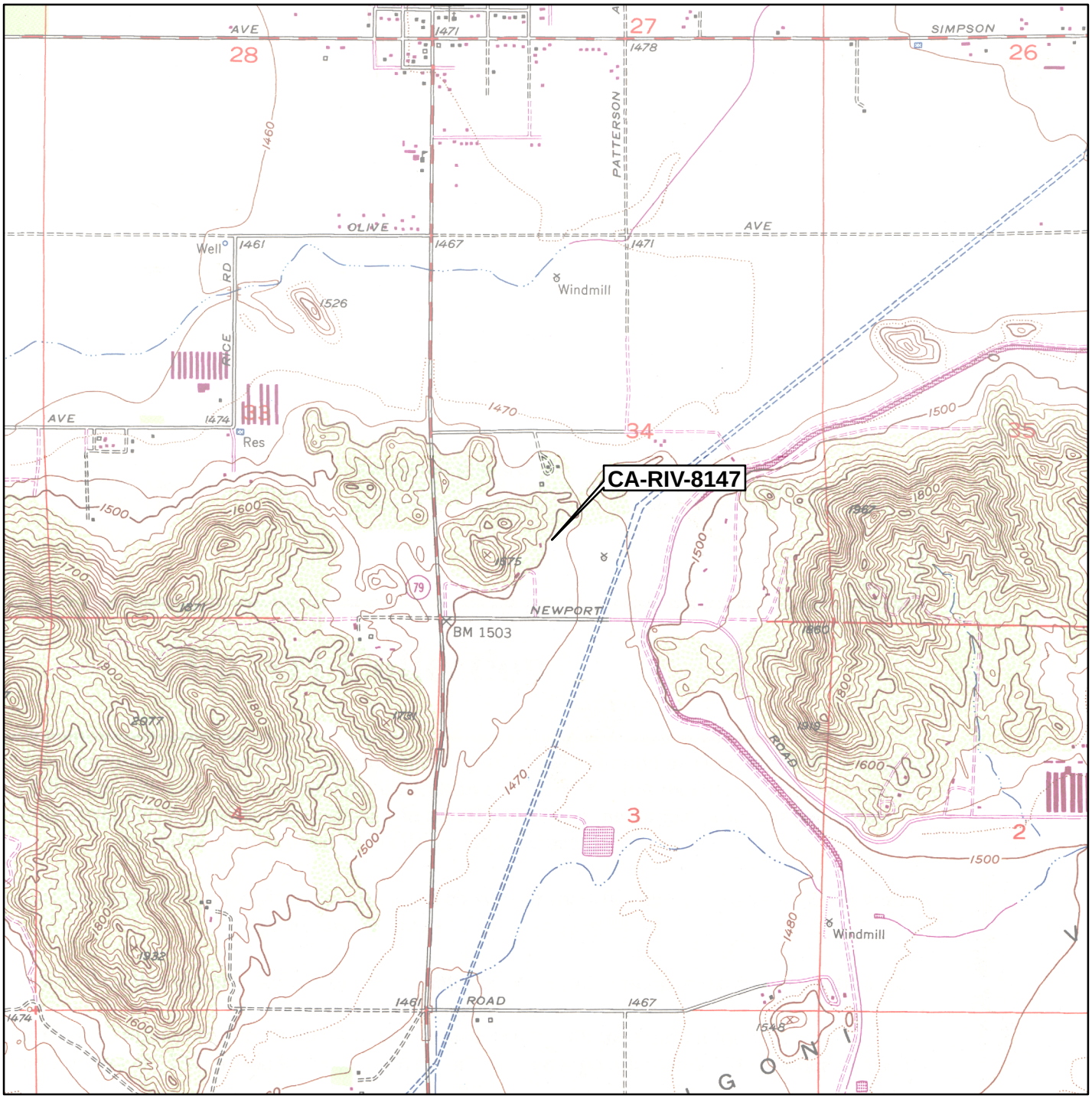
Page 9 **of** 9

***Resource Name or #:** Æ-SR79-56

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

TRUE NORTH

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; SE **¼ of** SW **¼ of Sec** 34 ; **S.B.B.M.**

c. Address: 33350 Newport Rd. **City** Winchester **Zip** 92596

d. Zone 11S 492655 **mE/** 3727318 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): CA-RIV-8148 is located approximately 2.2 km southeast of the town of Winchester, 400 m east of Winchester Rd./State Route 79 (SR 79), and 230 m north of Newport Rd. within APN 465190031. The site is situated immediately west of the dirt driveway to 33350 Newport Rd., on a cluster of low-lying granitic outcrops approximately 50 m due east of the toe of a prominent granitic hill. The site lies within the proposed SR79 Realignment Project Area of Potential Effect (APE).

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8148 is a prehistoric floral resource procurement/processing location consisting of a single, large, low-lying, granitic outcrop measuring 10.5 x 9.6 m (Feature 1) with at least 15 milling slicks that range from minimally to extensively ground/polished. No other cultural features or materials were observed within the immediate site vicinity. This update serves to summarize the results of an Extended Phase I (XPI) testing program conducted at the site in September 2007 for the SR 79 Realignment Project. The purpose of the XPI program was to determine the presence/absence of cultural deposits in subsurface contexts.

XPI testing at CA-RIV-8148 entailed the manual excavation of three Shovel Probes (SHPs 1-3) 30 cm in diameter placed at equidistant intervals surrounding Feature 1, and within those areas appearing to have the highest potential to contain cultural deposits in subsurface contexts (see Site Map). All the excavated sediments were screened through 1/8-in. hardware mesh. Maximum depths achieved during the excavations of SHPs 1-3 ranged from 40 to 114 cm below ground surface, and all probes terminated at the contact of granitic bedrock. No cultural materials were recovered from subsurface contexts within SHPs 1-3, suggesting that it is highly unlikely that buried cultural deposits are present at CA-RIV-8148.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Mary Dee Robinson (APN 465190031).

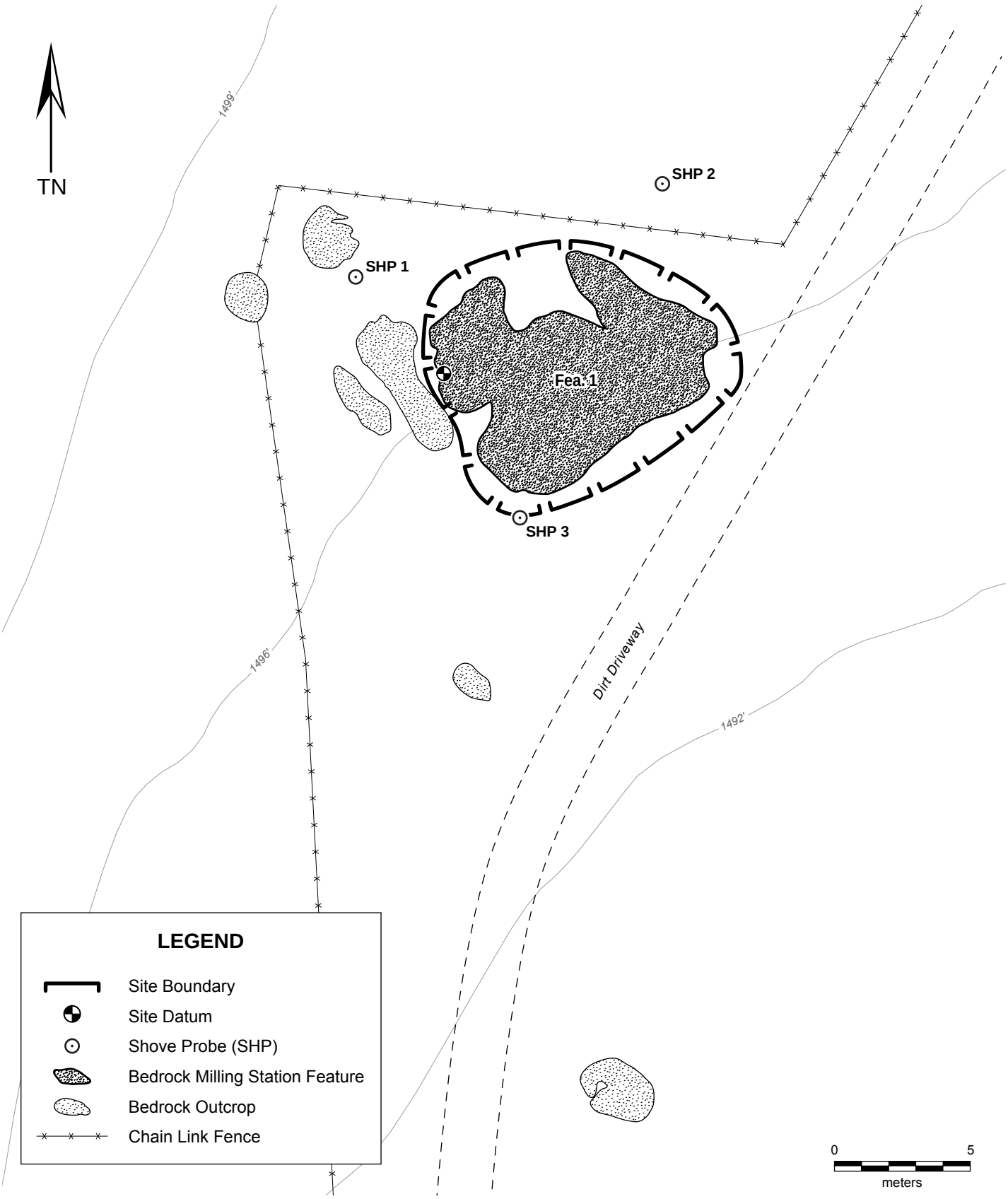
***P8. Recorded by** (Name, affiliation, address): R. J. Lichtenstein, D. Largo, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 10 September 2007.

***P10. Type of Survey:** □ Intensive □ Reconnaissance ☒ Other
Describe: XPI testing.

***P11. Report Citation** (Provide full citation or enter "none"): *Draft Extended Phase I Report, 14 Archaeological Sites in Southern San Jacinto Valley: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto and the County of Riverside.* Prepared for Christie Hammond, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record □ Archaeological Site Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record □ Photograph Record Other:


TN
1499'
SHP 2
SHP 1
Fea. 1
SHP 3
1496'
Dirt Driveway
1492'
LEGEND
Site Boundary
Site Datum
Shove Probe (SHP)
Bedrock Milling Station Feature
Bedrock Outcrop
Chain Link Fence
0
5
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

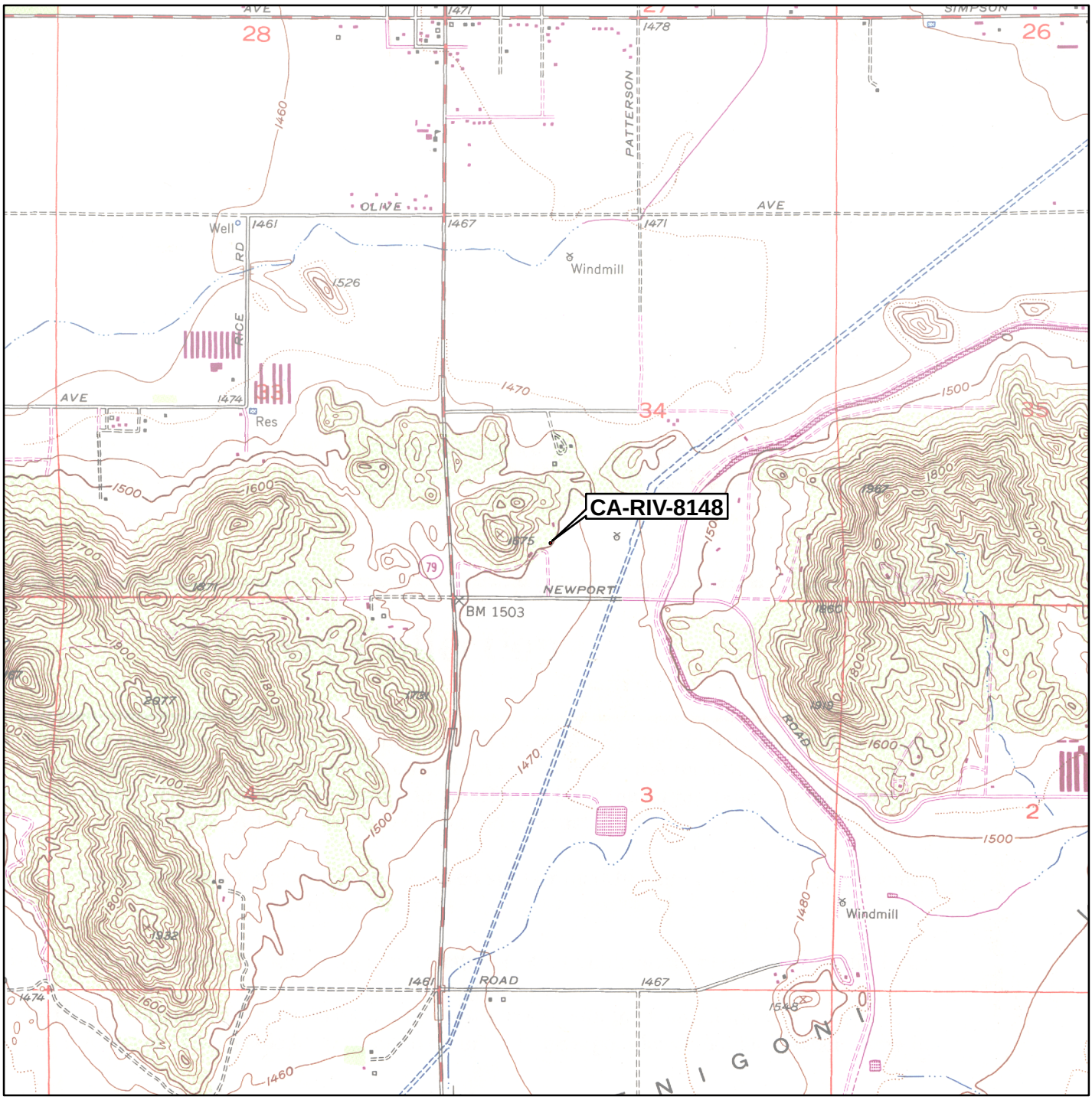
Primary # 33-015450
HRI#
Trinomial CA-RIV-8148; Update

***Resource Name or #:** Æ-SR79-57

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # 33-15450
HRI #
Trinomial CA-RIV-8148
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-57

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; SE **¼ of** SW **¼ of Sec** 34 ; **S.B.B.M.**

c. Address: 33350 Newport Rd. **City** Winchester **Zip** 92596

d. Zone 11S 492655 **mE/** 3727318 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): CA-RIV-8148 is located approximately 2.2 km southeast of the town of Winchester, 400 m east of Winchester Rd./SR 79 (current alignment), and 230 m north of Newport Rd., within APN 465190031. The site is situated immediately west of the dirt driveway to 33350 Newport Rd., on a cluster of low-lying granitic outcrops approximately 50 m due east of the toe of a prominent granitic hill. The site lies within the proposed SR79 Realignment Project Area of Potential Effect (APE).

From the intersection of Winchester Rd./SR 79 (current alignment) and Newport Rd., travel approximately 0.25 mi east on Newport Rd to the driveway entrance to 33350 Newport Rd. From here the site is located approximately 210 m north and east, following the driveway, 15 m north of where it curves sharply to the northeast. The highest point of outcrop Feature 1 serves as both Feature 1 and site datum, at UTMs 3727318 mN/492650 mE.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8148 is a 10.5 x 9.6-m prehistoric floral resource procurement/processing location consisting of a single, large, low-lying, granitic outcrop (Feature 1) with at least 15 milling slicks that range from minimally to extensively ground/polished. No other cultural features or materials were observed within the immediate site vicinity. However, at least two other known prehistoric milling sites are in the vicinity and on the same parcel, CA-RIV-8147 and CA-RIV-8160 (see A13 below). Additionally, the site is situated approximately 50 m east of the base of a prominent granitic hill, on a gentle slope with potentially deep (±50–100 cm) sediments, and there is a minimal to moderate potential for subsurface cultural deposits.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Mary Dee Robinson (APN 465190031).

***P8. Recorded by** (Name, affiliation, address): C. Bouscaren, T. Everette, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 14 August 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15 m-pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record ☒ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other:

ARCHAEOLOGICAL SITE RECORD

***A1. Dimensions: a. Length:** 10.5 m (E-W) **b. Width:** 9.6 m (N-S)
Method of Measurement: □ Paced ☒ Taped □ Visual estimate ☒ Other GPS mapping
Method of Determination (Check any that apply): □ Artifacts ☒ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: ☒ High □ Medium □ Low Explain: A single discrete outcrop milling feature. However, there is minimal to moderate potential for subsurface cultural deposits, which may expand the site boundary as currently defined.
Limitations (Check any that apply): □ Restricted access □ Paved/built over □ Disturbances □ Site limits incompletely defined ☒ Other (Explain): Additional milling slicks may be present but obscured by leaves and duff.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only; however, sediments may be deep on this gentle slope (±50–100 cm) and consist of decomposing granitic soils, and there is minimal to moderate potential for subsurface cultural deposits.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): Surface examination only.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): A single expansive, low-lying, granitic exposure/outcrop (Feature 1) with at least 15 milling slicks was observed; additional milling slicks may be present but obscured by duff and leaves that have accumulated in low spots on the outcrop. The milling slicks range from minimally to extensively ground/polished (see Milling Station Record for further details).

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with feature): None observed.

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** ☒ Good □ Fair □ Poor (Describe disturbances): Site integrity appears to be retained with only minimal disturbances attributed to natural weathering/exfoliation of the outcrop and milling slick features. Other disturbances in the vicinity include a dirt driveway immediately east leading to the residential area on the property and a currently disked agricultural field east of the driveway.

***A8. Nearest Water** (Type, distance, and direction): Salt Creek, an intermittent drainage that has been channelized in modern times, is located approximately 1.2 km north.

***A9. Elevation:** 1,496 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): CA-RIV-8148 is situated among a small cluster of low-lying granitic outcrops, approximately 50 m east of the toe of a prominent granitic hill. Slope on site is gentle (<5°) with a southeastern aspect; exposure is open/360°. Sediments consist of potentially deep (±50–100 cm) decomposing granitic soils. Vegetation within the immediate vicinity consists of a row of approximately 30-ft tall eucalyptus trees planted along the western property line to the east; however, local native vegetation consists of Riversidian Sage-Scrub communities.

A11. Historical Information (Note sources and provide full citations in Field A15 below): N/A

***A12. Age:** ☒ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) □ Turn of century (1880–1914) □ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain):

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): Æ-SR79-57 consists of a prehistoric floral resource procurement/processing location containing a single, large, granitic outcrop with a

minimum of 15 milling slicks. The site is situated approximately 50 m east of the base of a prominent granitic hill, on a gentle slope with potentially deep (±50–100 cm) sediments, and there is a minimal to moderate potential for subsurface cultural deposits. Additionally, the site is located within 150 m of two other known prehistoric milling sites, CA-RIV-8147 and CA-RIV-8160, and may be associated and/or contemporaneous.

A14. Remarks: CA-RIV-8148 is located within the proposed SR 79 Realignment Project APE; avoidance is recommended. If avoidance is not a feasible option, a limited testing program is recommended to determine the presence/absence of subsurface cultural materials. Removal of leaves and duff from the outcrops is also recommended to verify the presence/absence of additional milling features.

A15. References (Give full citations including the names and addresses of persons interviewed, if possible): None.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See attached Photograph Record.

***A17. Form Prepared by:** C. Bouscaren **Date:** 14 August 2006
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

State of California — The Resources Agency **Primary #** 33-15450
DEPARTMENT OF PARKS AND RECREATION **Trinomial** CA-RIV-8148

MILLING STATION RECORD

 Resource Name or # (Assigned by Recorder): Æ-SR79-57

Form Prepared by: C. Bouscaren **Date:** 14 August 2006

Feature	Outcrop Dimensions (m) and Orientation				Bedrock Type and Condition
1	10.5 E-W	**x** 9.6 N-S	**x Height**	1.1	Granitic, low lying, expansive, minimally to moderately weathered/exfoliated; some large cracks present.
			x Height		
			x Height		

Feature #	Milling Surface #	Type	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	1	MS	20	15	N/A	None	Minimally to moderately ground; minimally weathered/ exfoliated.
1	2	MS	54	30	N/A	Duff a W edge	Extensively ground/polished; minimally weathered; in natural basin.
1	3	MS	28	23	N/A	None	Moderately to extensively ground/polished; minimally weathered.
1	4	MS	55	48	N/A	Leaves/ duff N edge	Moderately to extensively ground/polished; minimally to moderately weathered; in natural depression at saddle on outcrop.
1	5	MS	29	23	N/A	None	Minimally ground/polished; minimally weathered.
1	6	MS	22	17	N/A	None	Moderately to extensively ground/polished; minimally weathered/exfoliated.
1	7	MS	72	35	N/A	None	Extensively ground/polished; minimally weathered.
1	8	MS	30	25	N/A	None	Moderately to extensively ground/polished; minimally weathered.
1	9	MS	28	19	N/A	None	Minimally to moderately ground/polished; minimally to moderately weathered.
1	10	MS	27	13	N/A	None	Moderately to extensively ground/polished; moderately weathered.
1	11	MS	28	25	N/A	None	Minimally ground/polished; minimally weathered.
1	12	MS	30	20	N/A	None	Minimally to moderately ground/polished; minimally to moderately weathered.
1	13	MS	27	27	N/A	None	Minimally ground/polished; minimally weathered.
1	14	MS	54	36	N/A	None	Minimally ground/polished; minimally weathered.
1	15	MS			N/A	None	

Type Key:

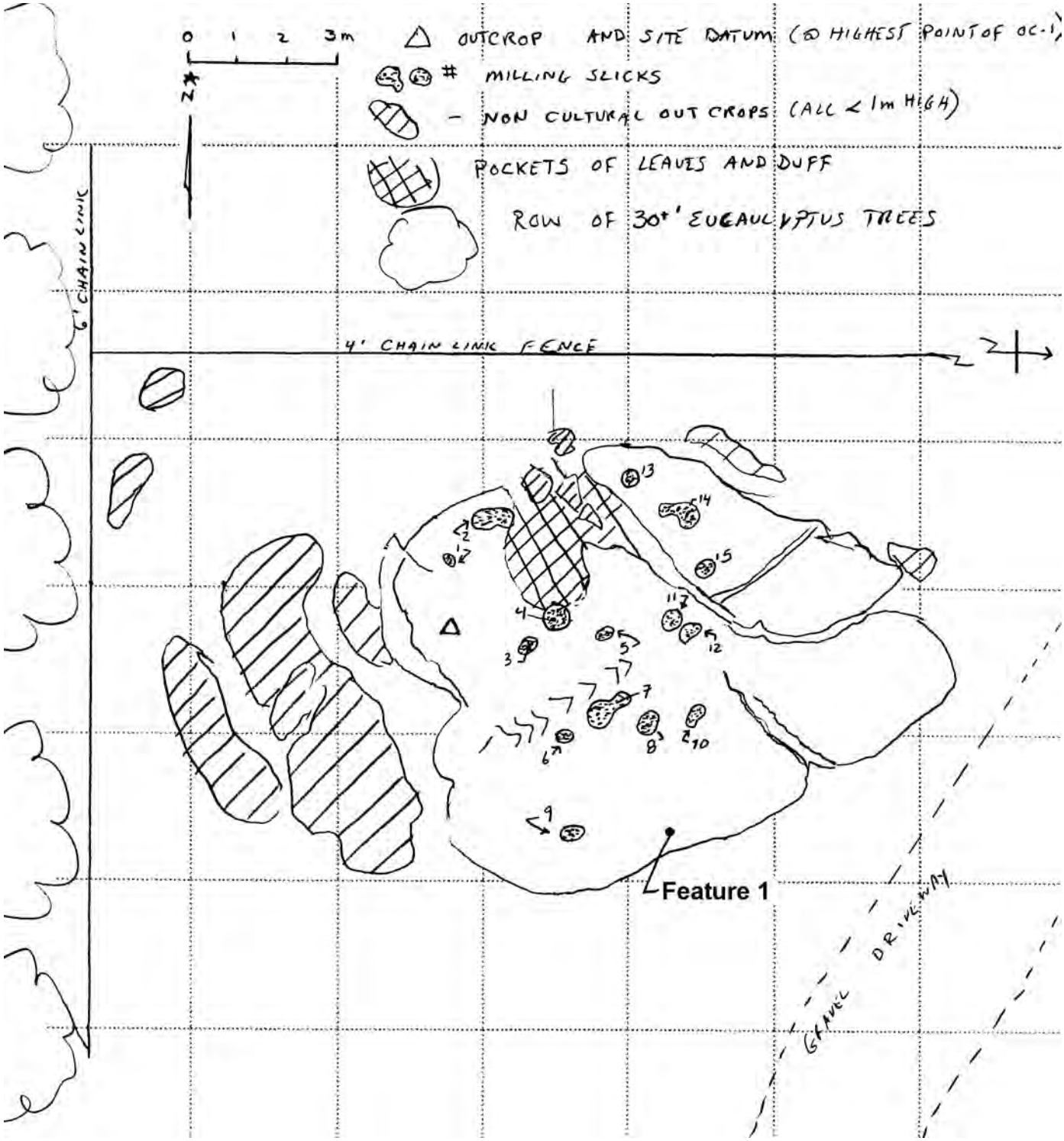
CO Conical mortar
OM Oval mortar
SM Saucer mortar
PM Possible mortar
MS Milling slick
BM Basin milling feature
Other:

Contents Key:

S Filled with soil
L Filled with leaves
U Unexcavated
R Contains rock
P Contains pestle
M Contains mano
Other:

FEATURE 1

Plan View



PHOTOGRAPH RECORD

 *__Resource Name or #__ (Assigned by recorder) Æ-SR79-57

Temporary Number/Resource Name: Æ-SR79-57
Project Name: State Route 79 Realignment Project **Photographer:** T. Everette
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film □ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk ☒ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Flashcard **Roll Number:** SR79-19-dm
Year: 2006

Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
8	14	1235	DSCN0021	CA-RIV-8148; site overview from datum.	N
8	14		DSCN0022	CA-RIV-8148; site overview from datum.	E
8	14		DSCN0023	CA-RIV-8148; site overview from datum.	S
8	14		DSCN0024	CA-RIV-8148; site overview from datum.	W
8	14		DSCN0025	CA-RIV-8148; site overview, Feature 1.	N
8	14		DSCN0026	CA-RIV-8148; site overview, Feature 1.	W
8	14		DSCN0027	CA-RIV-8148; site overview, Feature 1.	SW
8	14	1240	DSCN0028	CA-RIV-8148; Feature 1 detail, milling slicks 13, 14, 15.	N
8	14		DSCN0029	CA-RIV-8148; Feature detail, milling slicks 11 and 12.	N
8	14		DSCN0030	CA-RIV-8148; Feature detail, milling slicks 7, 8.	N
8	14		DSCN0031	CA-RIV-8148; Feature detail, milling slick 10.	N
8	14		DSCN0032	CA-RIV-8148; Feature detail, milling slick 9.	N
8	14		DSCN0033	CA-RIV-8148; Feature detail, milling slick 6.	N
8	14		DSCN0034	CA-RIV-8148; Feature detail, milling slicks 3, 4, 5.	N
8	14		DSCN0035	CA-RIV-8148; Feature detail, milling slick 1.	N
8	14		DSCN0036	CA-RIV-8148; Feature detail, milling slick 2.	N
8	14		DSCN0037	CA-RIV-8148; Feature detail, site datum (high point of Feature 1).	N

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

SKETCH MAP

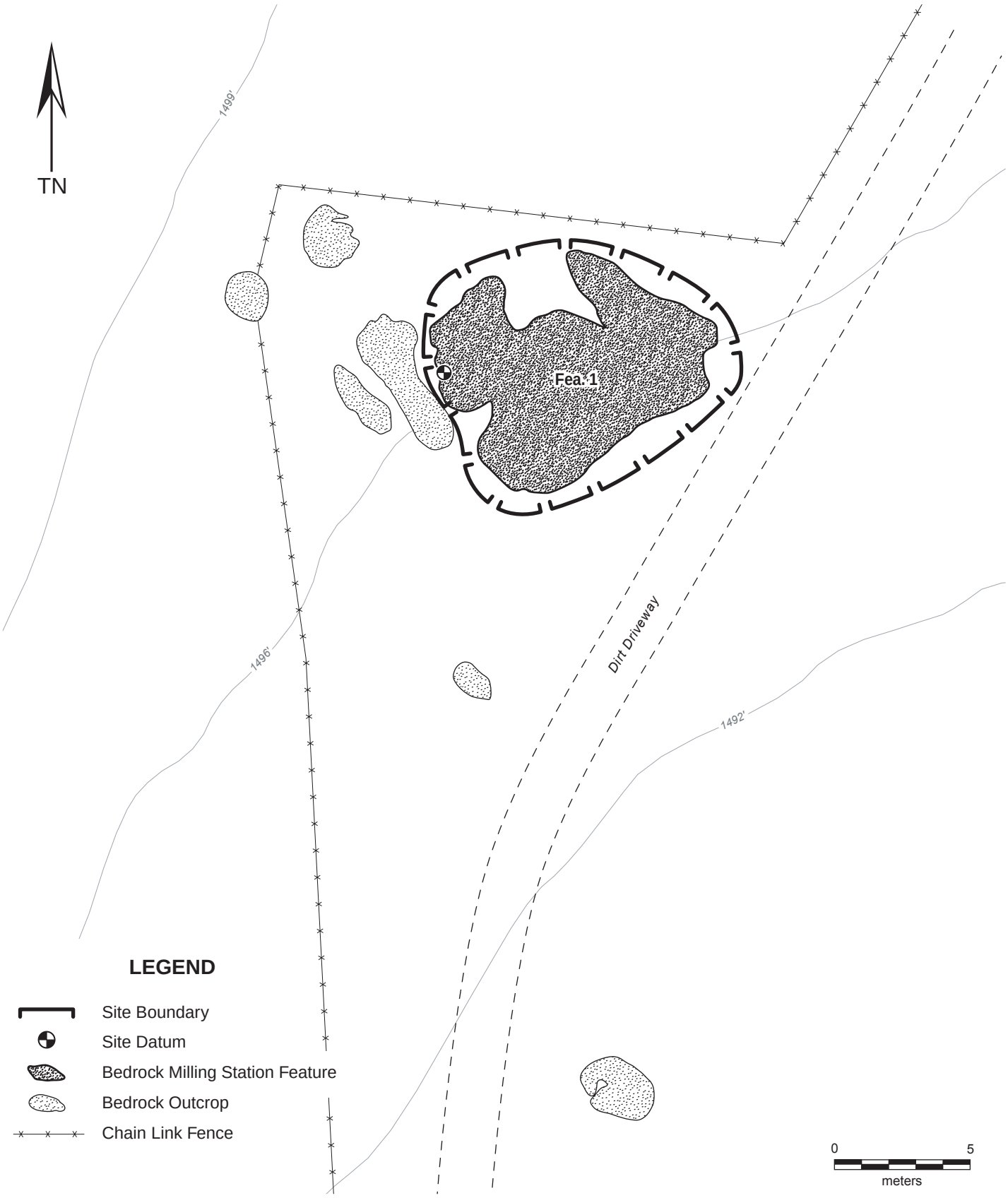
Primary # 33-15450
HRI #
Trinomial CA-RIV-8148

***Resource Name or #** (Assigned by recorder): Æ-SR79-57

***Drawn by:** T. Everette

Scale: 1" = 5 m

***Date of map:** August 2006



State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

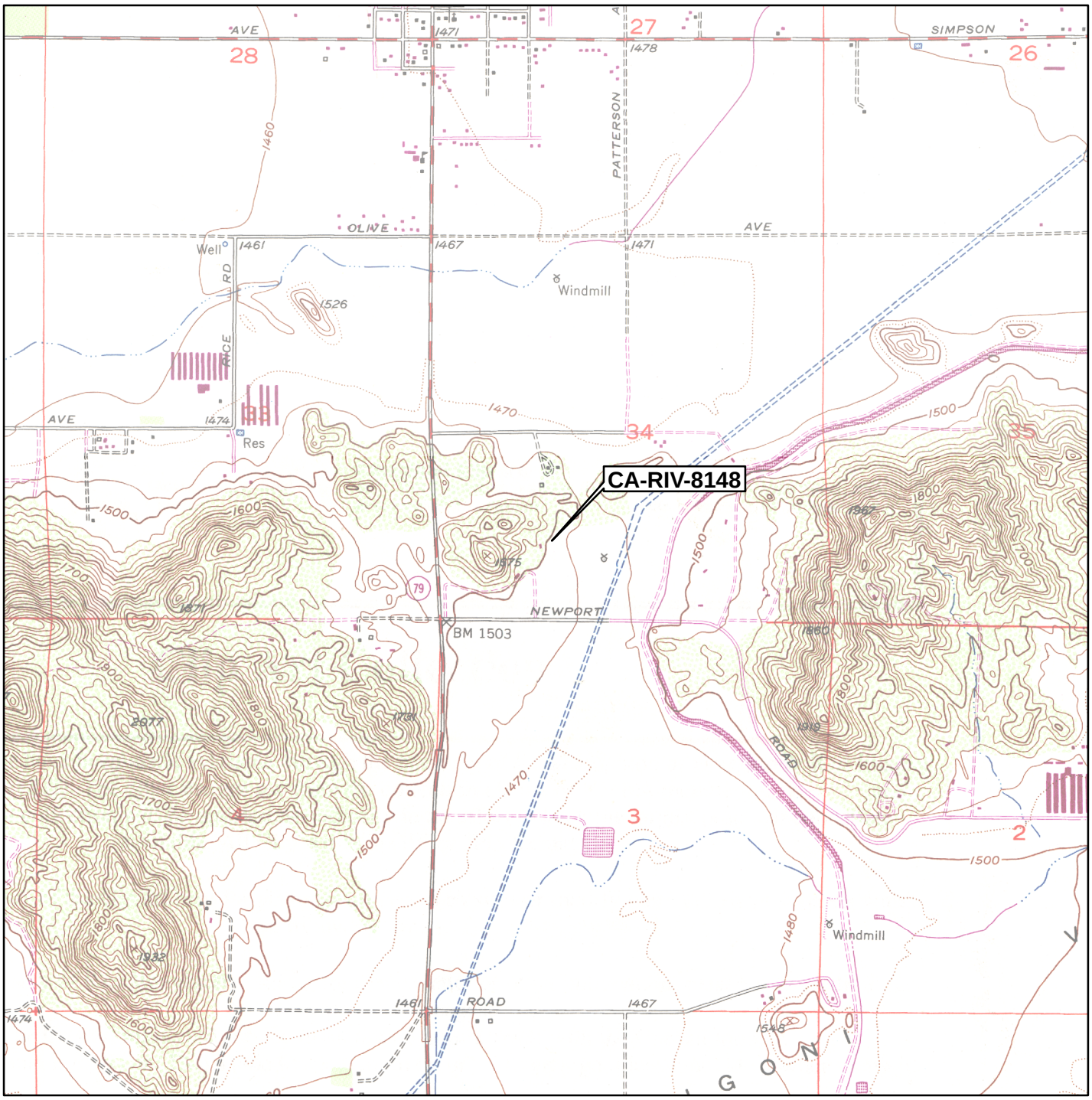
Primary # P33-15450
HRI#
Trinomial CA-RIV-8148

***Resource Name or #:** Æ-SR79-57

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

TRUE NORTH

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-15658
HRI #
Trinomial CA-RIV-8156H
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-27H

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; NW ¼ **of** SE ¼ **of Sec** 34; **S.B.B.M.**

c. Address: 29600 Patterson Ave. **City** Winchester **Zip** 92596

d. Zone 11S 493082 **mE/** 3727733 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): The site is located approximately 1.2 mi southeast of the town of Winchester, 70 ft east of Patterson Ave., 395 ft south of Patton Ave., at 29600 Patterson Ave., in APN 465190062. The site is located in the proposed SR 79 Realignment Project Area of Potential Effect (APE).

From the intersection of Winchester Rd./SR 79 (current alignment) and Patton Ave. travel approximately 0.5 mi east to Patterson Ave.; travel 0.1 mi south on Patterson Ave. to the dirt driveway entrance to 29600 Patterson Ave. The site is located in the fenced enclosure (currently used as a horse pasture) immediately northeast of the driveway entrance.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8156H is an approximately 200 x 100-ft, moderate-density (25 artifacts/m² maximum) historical refuse scatter that appears to date as early as the late nineteenth century to the mid-twentieth century. The site is situated on the western slope of a low granitic knoll, in what is currently a horse pasture. The scatter consists of at least 1,000 glass, metal, and ceramic artifacts, including: one 1940+ whole milk bottle with label (Artifact 1; see A5 below), 30+ sun-colored amethyst glass (ca. 1880–1917) fragments, two early twentieth-century clear glass bottle/jar bases with maker's marks (see A5 below), one aqua glass insulator, and one Flow Blue pattern ceramic fragment. The site is located in a moderately depositional environment on the base and slope of a low granitic hill; the observed deposit appears surficial; however, some materials may have been redeposited from a possible buried feature upslope (eastward of the current site boundary).

***P3b. Resource Attributes** (List all attributes and codes): AH 4: Trash Scatter

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** □ Prehistoric ☒ Historic □ Both

***P7. Owner and Address:** Rebecca L. Humphrey (APN No. 465190062).

***P8. Recorded by** (Name, affiliation, address): A. Van Wyke, T. Everette, D. Largo, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 18 July 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15-m pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto and the County of Riverside.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other

ARCHAEOLOGICAL SITE RECORD

***A1. Dimensions: a. Length:** 207 ft (NW-SE) **b. Width:** 95 m (NE-SW)
Method of Measurement: □ Paced □ Taped □ Visual estimate ☒ Other GPS mapped.
Method of Determination (Check any that apply): ☒ Artifacts □ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: □ High ☒ Medium □ Low Explain: Some artifacts possibly redeposited (eroding slope); ground surface visibility good (±75%).
Limitations (Check any that apply): □ Restricted access □ Paved/built over ☒ Disturbances □ Site limits incompletely defined □ Other (Explain): Erosion, grazing.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): None observed.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): None observed.

A5. Cultural Constituents (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features): Artifacts observed include: one whole clear glass 1-qt milk bottle (Artifact 1) with a red decal label ("DAMS ARE BUILT OF/ROCK AND STEEL/MILK [illegible] [illegible]") and 1940+ (Toulouse 1971:403) Owens-Illinois "Duraglas" maker's mark (see attached Continuation Sheet). The bottle was found in a shallow artificial depression and appears redeposited (see A7 below). One aqua glass insulator with wire; 500+ glass bottle/jar fragments, including 30+ sun-colored amethyst (ca. 1880s–1917), and clear, brown, aqua, green, milk, and cobalt fragments, including bases with maker's marks (see below and attached Continuation Sheet for sample); 10+ milk glass canning jar lid fragments; and one clear pane glass fragment; 300+ miscellaneous metal items/fragments, including one ferrous metal spike (possible railroad spike); one enamelware pail, one wire nail, one tin or zinc mason jar lid, and undifferentiated ferrous metal fragments; 200+ ceramic fragments, including one Flow Blue pattern body fragment; whiteware tableware, including with transfer print and decal decorations, and undifferentiated fragments; glazed stoneware crockery; and glazed porcelain; one rubber tire fragment and one brick fragment were also observed.

Other glass bottle maker's marks observed include: one unknown mark on a sun-altered amethyst glass base fragment (see #1 on attached Continuation Sheet for illustration); one 1902–1930 Illinois-Pacific Glass Co., San Francisco, CA (Toulouse 1971:268; see #3 on attached Continuation Sheet), and one O-Cedar Co. with suction/cut-off scar, ca. 1906–1926 (Freudenberg Household Products 2006; see #4 on attached Continuation Sheet).

In addition, a current resident of the property (Pattie Roberts) exhibited two whole glass bottles with makers' marks that she stated she had collected from the site area (see A14 below).

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** □ Good ☒ Fair □ Poor (Describe disturbances): Site integrity appears moderately impaired due to sheet erosion, horse grazing, and other ranching activities. An approximately 5 x 5 x 0.5-ft (L x W x depth below surface) artificial depression is located immediately south of the northern site boundary. Although a partially buried milk bottle (Artifact 1, see A5 above) and 2-3 undifferentiated metal fragments were observed extending below ground surface within the depression, it appears to be recently excavated (most like to bury large glass and other debris to avoid injury to horses grazing in the pasture).

***A8. Nearest Water** (Type, distance, and direction): The San Diego Aqueduct is approximately 1500 ft due east of the site. The San Jacinto and Pleasant Valley Canal is shown approximately 125 ft due north of the site on the 1901 Elsinore 30' USGS topographic quadrangle.

***A9. Elevation:** 1,490 ft amsl.

ARCHAEOLOGICAL SITE RECORD

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): Vegetation on site consists of sparse non-native grasses and weeds, predominantly mustard. Horses are currently grazing on site and the area appears to have been in use as horse pasture for some time. Soils consist of medium yellow-brown fine to coarse silty sand with decomposing granite. The site is situated on the lower slopes of a small granitic knoll. Slope is 2 to 14°, with a west to northwest aspect. Exposure is open/360°.

A11. Historical Information (Note sources and provide full citations in Field A15 below):
CA-RIV-8156H would be most plausibly explained as an intentional farm trash or "dump" deposit. However, from the 1890s through the beginning of the 1950s, no structure is associated with the northwest quarter of the southeast quarter of Section 34. In the adjacent southwest quarter and east half of the southeast quarter, no structures are listed for the 1890s through at least the mid 1950s. It is thus difficult to identify the source of the refuse deposit. The 1979 photorevised 1953 Winchester 7.5-minute quadrangle shows three structures located about 300 ft to the northeast of the site area in the northwest quarter of the southwest quarter of Section 34. Assessment data suggests residential presence in that parcel probably beginning in the late 1950s (Earle 2006).

***A12. Age:** □ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) ☒ Turn of century (1880–1914) ☒ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain): Estimated based on artifacts observed.

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): CA-RIV-8156H appears to be a late nineteenth- to mid twentieth-century domestic, agricultural, and structural refuse scatter. The observed deposit appears surficial, and some materials may have been redeposited from upslope (eastward of the current site boundary) deposits due to erosion on the hillslope.

A14. Remarks: In addition to the cultural constituents observed during the survey, a current resident on the property (Pattie Roberts, who stated she has lived on the property for two years) exhibited two whole glass bottles that she stated she had collected from the site area: one clear glass, screw-top, medicinal bottle with embossed gradations (cc and oz.) and Owens-Illinois maker's mark (see attached Continuation Sheet); and one clear glass stopper-top medicinal/toiletry bottle with "CHAMBERLAINS" embossed on the front panel and "BOTTLE/MADE IN USA" embossed on the base.

The site is located within the proposed SR 79 Realignment Project APE; avoidance is recommended. If avoidance is not a feasible option, a limited testing program to determine presence of subsurface cultural deposits is recommended. Due to the site's location on a hill slope subject to sheet erosion, unidentified subsurface cultural deposits may also be present upslope (eastward) from the site limits as currently defined.

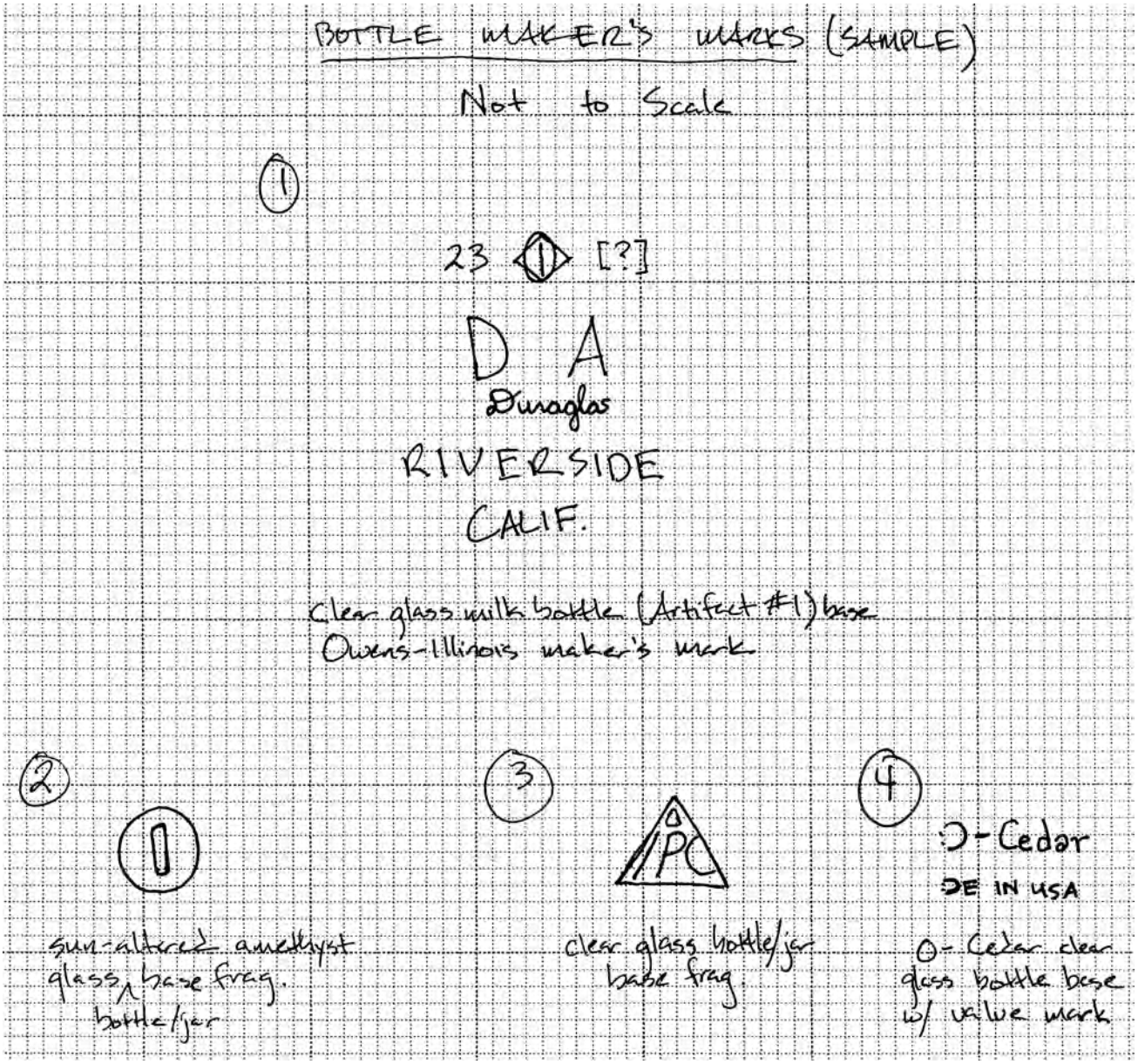
A15. References (Give full citations including the names and address of any persons interviewed, if possible):
Earle, David (2006). SR 79 Archaeological Site Archival Research. Unpublished manuscript on file, Applied EarthWorks, Inc., Hemet, CA.

Freudenberg Household Products (2006). "O-Cedar History". http://www.rollmatic.com/aboutus.asp.

Toulouse, Julian H. (1971). Bottle Makers and Their Marks. Thomas Nelson Inc., New York and Camden.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See Photograph Record attached.

***A17. Form Prepared by:** A. Van Wyke **Date:** 18 July 2006.
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.


BOTTLE MAKER'S MARKS (SAMPLE)
Not to Scale
1
23 [?]
D A
Duraglas
RIVERSIDE
CALIF.
Clear glass milk bottle (Artifact #1) base
Owens-Illinois maker's mark
2
1
sun-altered amethyst glass base frag. bottle/jar
3
PC
clear glass bottle/jar base frag.
4
O-Cedar
DE IN USA
O-Cedar clear glass bottle base w/ value mark

PHOTOGRAPH RECORD

Temporary Number/Resource Name: Æ-SR79-27H
Project Name: State Route 79 Realignment Project **Photographer:** P. Easter
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film ☒ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk □ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Digital memory **Roll Number:** SR79-15-dm
Year: 2006

Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
7	17	1415	DSCN0002	CA-RIV-8156H; overview, Patterson Ave. in background.	W
7	17		DSCN0003	CA-RIV-8156H; overview, Patterson Ave. at right.	S
7	17		DSCN0004	CA-RIV-8156H; overview from driveway entrance at 29600 Patterson.	NE
7	17		DSCN0005	CA-RIV-8156H; detail of glass insulator with wire.	
7	17		DSCN0006	CA-RIV-8156H; detail of iron spike.	
7	17	1430	DSCN0007	CA-RIV-8156H; glass bottles (3), 2 smaller bottles found by property owner, milk bottle (Artifact 1).	
7	17		DSCN0008	CA-RIV-8156H; milk bottle (Artifact 1).	


TN
1476'
1479'
1483'
1486'
1489'
1492'
1496'
1499'
1502'
1506'
1509'
1512'
Pine Tree
Artificial Depression
Milk Bottle
LEGEND
Site Boundary
Site Datum
Surface Artifact
Bedrock Outcrop
Outcrop Cluster
Barbed Wire Fence
0 50
feet
0 15
meters

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

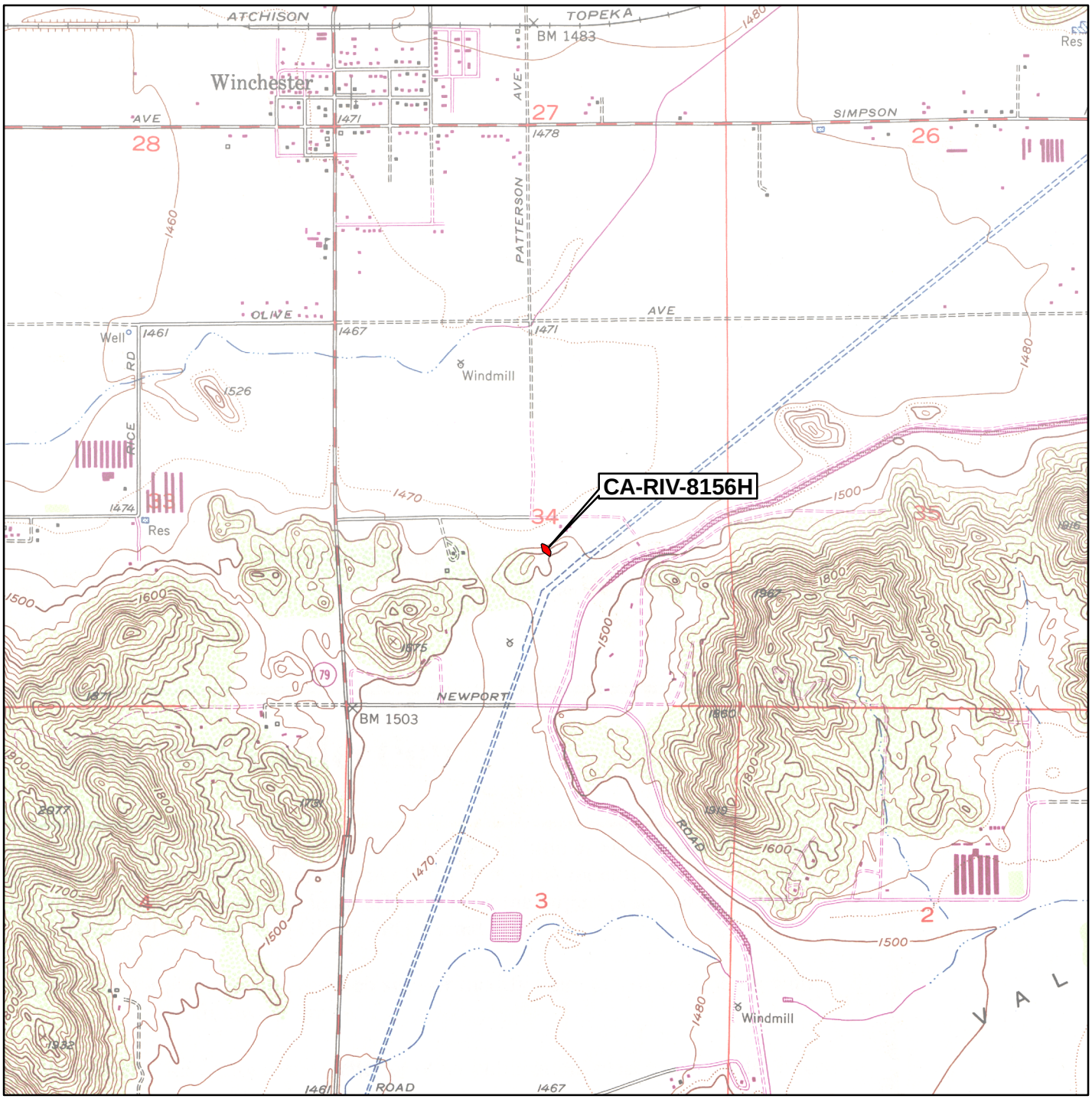
Primary # 33-15658
HRI#
Trinomial CA-RIV-8156H

***Resource Name or #:** Æ-SR79-27H

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

State of California — The Resources Agency **Primary #** 33-15662
DEPARTMENT OF PARKS AND RECREATION **HRI #**
PRIMARY RECORD
Trinomial CA-RIV-8160
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

***Resource Name or #:** (Assigned by recorder) Æ-SR79-55

P1. Other Identifier:

***P2. Location:** ***a. County** Riverside ☒ Not for Publication □ Unrestricted

***b. USGS 7.5′ Quad** Winchester, Calif. **Date** 1953 (photorevised 1979)

T 5 S; **R** 2 W; SE **¼ of** SW **¼ of Sec** 34; **S.B.B.M.**

c. Address: 33350 Newport Rd. **City** Winchester **Zip** 92596

d. Zone 11S 492639 **mE/** 3727450 **mN**

e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): CA-RIV-8160 is located approximately 2.1 km southeast of the town of Winchester, 400 m east of Winchester Rd./SR 79 (current alignment), 350 m north of Newport Rd., and within APN 465190031. The site is situated at the southwest toe of a boulder-covered knoll, surrounded to the west and south by ~30 ft-tall eucalyptus trees. The site is located within the proposed SR79 Realignment Project Area of Potential Effect (APE).

From the intersection of Newport Rd. and Winchester Rd./SR 79 (current alignment) travel approximately 0.25 mi on Newport Rd. to the driveway entrance to 33350 Newport Rd. From here the site is located approximately 350 m at 358° (north-northwest) along the property fence-line. Milling Slick #1 on outcrop Feature 1, at UTMs 3727450 mN/492639 mE, serves as both site and Feature 1 datum.

***P3a. Description** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): CA-RIV-8160 is a 2.6 x 2.3-m prehistoric floral resource procurement/processing location containing a single granitic outcrop (Feature 1) with three milling slicks. The milling slicks range from minimally to moderately ground/polished and are minimally weathered/exfoliated. No other cultural features or materials were observed within the immediate vicinity of the bedrock outcrop. The outcrop is situated in an erosional environment on the lower slope of a knoll with shallow (±20–30 cm) surrounding sediments of decomposing granitic soils; there appears to be little to no potential for subsurface cultural deposits.

***P3b. Resource Attributes** (List all attributes and codes): AP 4: Bedrock Milling Features.

***P4. Resources Present:** □ Building □ Structure □ Object ☒ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

***P6. Date Constructed/Age and Source:** ☒ Prehistoric □ Historic □ Both

***P7. Owner and Address:** Mary Dee Robinson (APN 465190031).

***P8. Recorded by** (Name, affiliation, address): C. Bouscaren, T. Everette, Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: 10 August 2006.

***P10. Type of Survey:** ☒ Intensive □ Reconnaissance □ Other
Describe: Maximum of 15-m pedestrian transects.

***P11. Report Citation** (Provide full citation or enter "none"): *Archaeological Survey Report: Realign State Route 79 Between Domenigoni Parkway and Gilman Springs Road in the Cities of Hemet and San Jacinto.* Prepared for David Bricker, Caltrans District 8. Prepared by Applied EarthWorks, Inc., Hemet, California.

Attachments: □ None ☒ Location Map ☒ Site Map □ Continuation Sheet □ Building, Structure, and Object Record ☒ Archaeological Site Record □ District Record □ Linear Feature Record ☒ Milling Station Record □ Rock Art Record □ Artifact Record ☒ Photograph Record Other:

ARCHAEOLOGICAL SITE RECORD

 *__Resource Name or #__ (Assigned by recorder) Æ-SR79-55

***A1. Dimensions: a. Length:** 2.6 m (NW-SE) **b. Width:** 2.3 m (NE-SW)
Method of Measurement: □ Paced ☒ Taped □ Visual estimate ☒ Other GPS mapped
Method of Determination (Check any that apply): □ Artifacts ☒ Features □ Soil □ Vegetation □ Topography □ Cut bank □ Animal burrow □ Excavation □ Property boundary □ Other (explain):
Reliability of Determination: ☒ High □ Medium □ Low Explain: A single discrete bedrock milling outcrop feature.
Limitations (Check any that apply): □ Restricted access □ Paved/built over □ Disturbances □ Site limits incompletely defined □ Other (Explain): None.

A2. Depth: □ None ☒ Unknown Method of Determination: Surface examination only; however, the site is situated in an erosional environment on the lower slope of a knoll with shallow (±20–30 cm) surrounding sediments of decomposing granitic soils, and there appears to be little to no potential for subsurface cultural deposits.

***A3. Human Remains:** □ Present □ Absent □ Possible ☒ Unknown (Explain): Surface examination only; however, given the site type, presence is unlikely.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): A single granitic bedrock outcrop (Feature 1) with three milling slicks was observed. The milling slicks range from minimally to moderately ground/polished, and are minimally weathered/exfoliated (see attached Milling Station Record for further details).

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with feature): None observed.

***A6. Were Specimens Collected?** ☒ No □ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** ☒ Good □ Fair □ Poor (Describe disturbances): Site integrity appears to be minimally impaired. The primary disturbance is attributed to natural weathering/exfoliation of the cultural outcrop.

***A8. Nearest Water** (Type, distance, and direction): Salt Creek, a seasonal drainage that has been channelized in modern times, is approximately 1.2 km due north of the site.

***A9. Elevation:** 1,530 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): The site is situated near the southwestern edge of a boulder-covered knoll, approximately 10 m upslope from the toe of the slope. Slope on site is gentle (< 10°) with western, southwestern, and southern aspects; exposure is open/360°. Sediments consist of apparently shallow (±20–30 cm) decomposing granitic soils. Vegetation in the site vicinity consists of Riversidian Sage-Scrub communities, in addition to introduced eucalyptus trees along the adjacent property boundary to the west and south.

A11. Historical Information (Note sources and provide full citations in Field A15 below): N/A

***A12. Age:** ☒ Prehistoric □ Pre-Colonial (1500–1769) □ Spanish/Mexican (1769–1848) □ Early American (1848–1880) □ Turn of century (1880–1914) □ Early 20th century (1914–1945) □ Post WWII (1945+) □ Undetermined Factual or estimated dates of occupation (explain):

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): The site consists of a prehistoric floral resource procurement/processing location containing a single granitic bedrock outcrop feature with three milling slicks.

A14. Remarks: CA-RIV-8160 is located within the proposed SR 79 Realignment Project APE; avoidance is recommended. The qualitative and quantitative data potential of the bedrock milling features has been fully realized by the present site recordation effort; no further management is recommended.

A15. References (Give full citations including the names and addresses of persons interviewed, if possible): None.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): See attached Photograph Record.

***A17. Form Prepared by:** C. Bouscaren **Date:** 10 and 14 August 2006
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 33-15662
Trinomial CA-RIV-8160

Resource Name or # (Assigned by Recorder): Æ-SR79-55

Form Prepared by: R. Lichtenstein **Date:** 13 July 2006

Feature	Outcrop Dimensions (m) and Orientation			Bedrock Type and Condition
1	2.6 NW-SE	x 2.3 NNE-SSW	x Height 1.25	Granitic, several cemented cracks, moderately weathered/exfoliated.
			x Height	
			x Height	
			x Height	
			x Height	

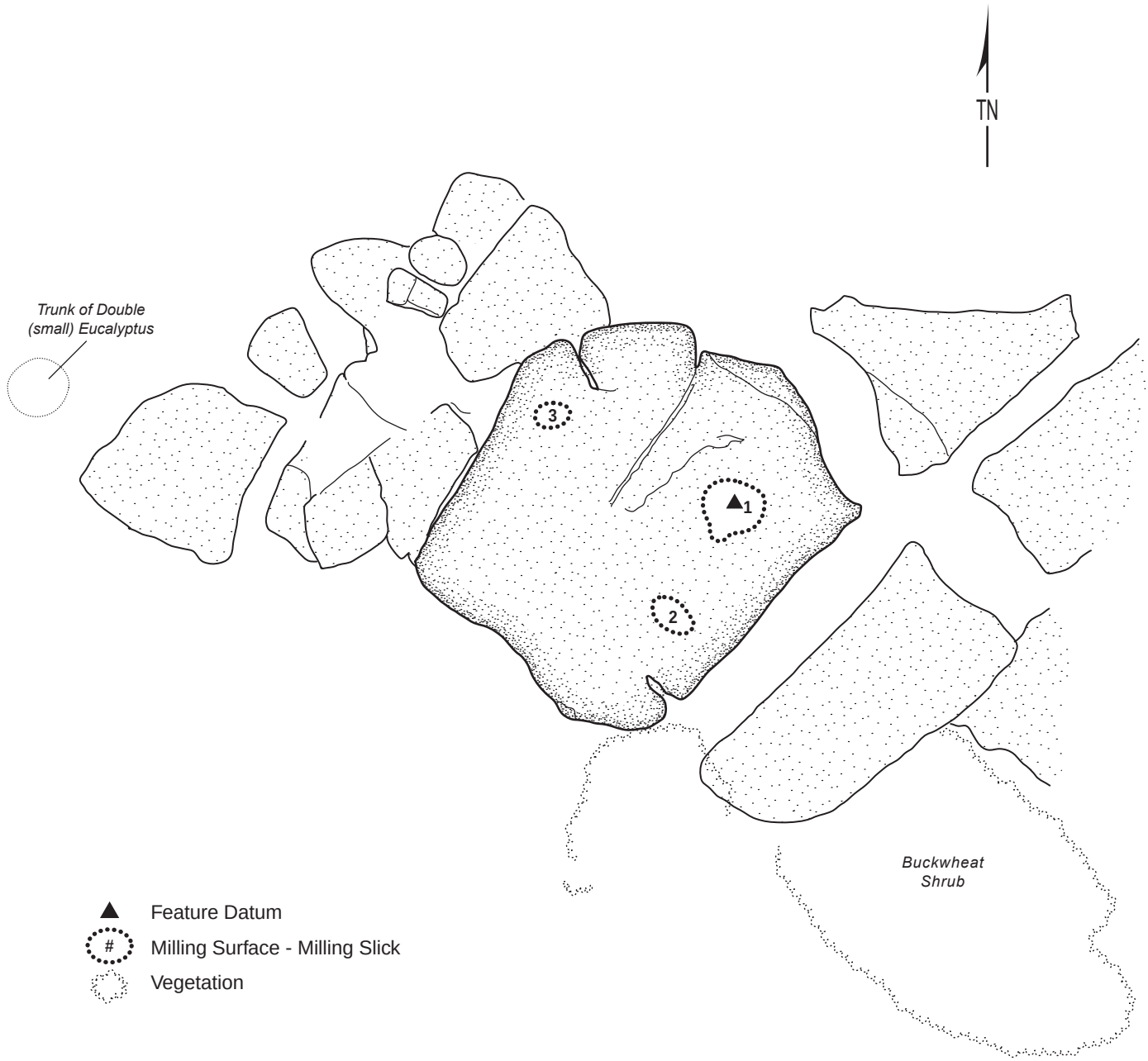
Feature #	Milling Surface #	Type	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	1	MS	30	30	N/A	None	Feature 1 and site datum; minimally to moderately ground/polished, minimally weathered/ exfoliated.
1	2	MS	30	20	N/A	None	Moderately ground/polished; minimally weathered/exfoliated.
1	3	MS	25	16	N/A	None	Minimally ground/polished; minimally weathered/exfoliated.

Type Key:
CO Conical mortar
OM Oval mortar
SM Saucer mortar
PM Possible mortar
MS Milling slick
BM Basin milling feature
Other:

Contents Key:
S Filled with soil
L Filled with leaves
U Unexcavated
R Contains rock
P Contains pestle
M Contains mano
Other:

FEATURE 1

Plan View



PHOTOGRAPH RECORD

Temporary Number/Resource Name: Æ-SR79-55
Project Name: State Route 79 Realignment Project **Photographer:** T. Everette
Image Type: □ (**bw**) 35mm B&W film □ (**cp**) 35mm Color Print film □ (**cs**) 35mm Color Slide film
□ (**df**) Digital-Floppy disk ☒ (**dm**) Digital-Memory flash card
Camera Type and Model: Nikon Coolpix 4300
Film Type and Speed: Flashcard **Roll Number:** SR79-19-dm
Year: 2006

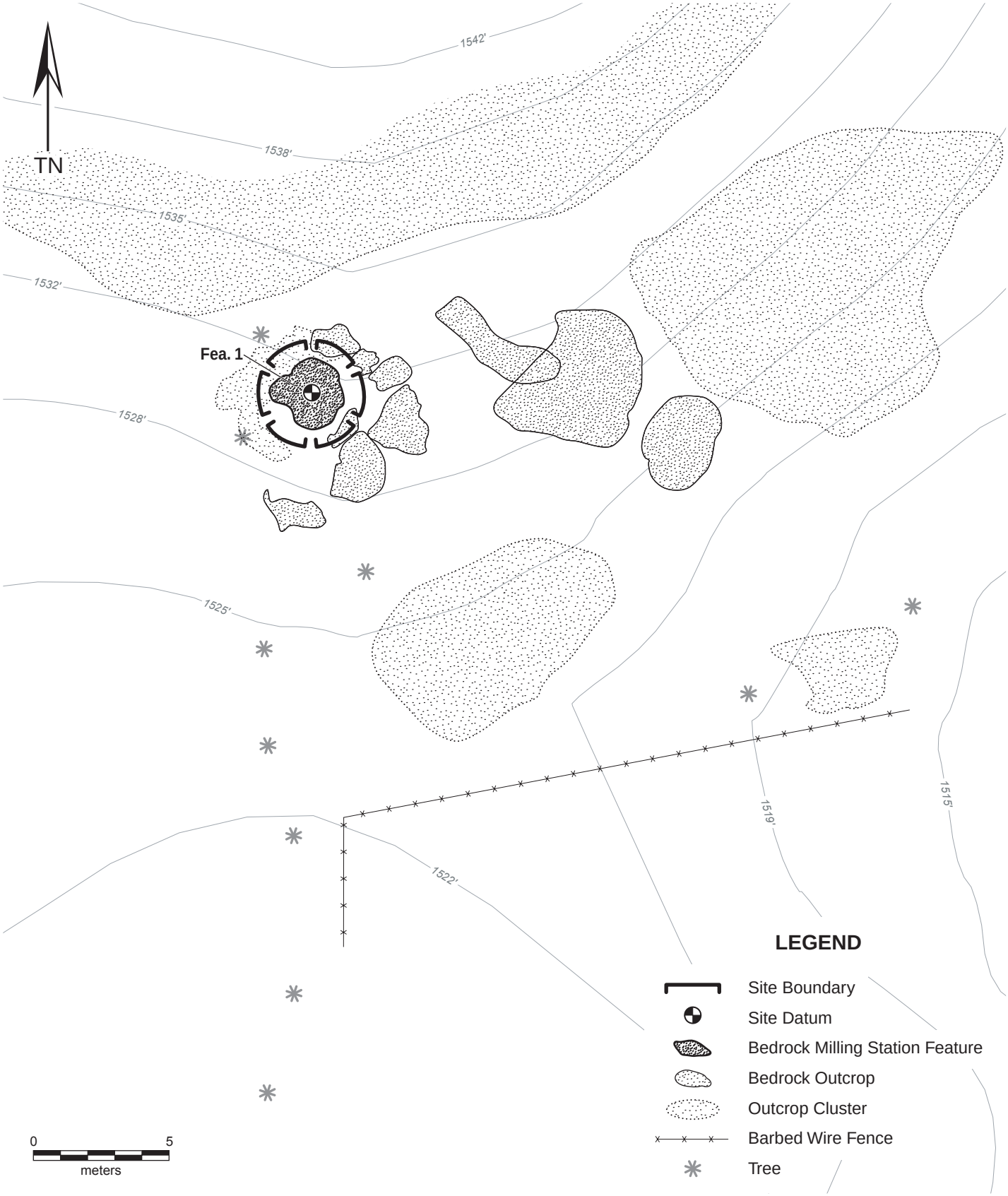
Mo.	Day	Time	Frame/ File Name	Subject/Description	Facing
8	10		DSCN0002	CA-RIV-8160; site overview from datum.	N
8	10		DSCN0003	CA-RIV-8160; site overview from datum.	E
8	10		DSCN0004	CA-RIV-8160; site overview from datum.	S
8	10		DSCN0005	CA-RIV-8160; site overview from datum.	W
8	10		DSCN0006	CA-RIV-8160; Feature 1, milling slick 1 site datum.	Plan
8	10		DSCN0007	CA-RIV-8160; Feature 1, milling slick 2.	Plan
8	10		DSCN0008	CA-RIV-8160; Feature 1, milling slick 3.	Plan
8	10		DSCN0009	CA-RIV-8160; Feature 1 overview.	E
8	10		DSCN0010	CA-RIV-8160; Feature 1 overview.	S
8	10		DSCN0011	CA-RIV-8160; Feature 1 overview.	W
8	10		DSCN0012	CA-RIV-8160; Feature 1 overview.	N

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

SKETCH MAP

Primary # 33-15662
HRI #
Trinomial CA-RIV-8160

Page 7 **of** 8
***Resource Name or #** (Assigned by recorder): Æ-SR79-55
***Drawn by:** T. Everette
Scale: 1" = 5 m
***Date of map:** August 2006



*Required Information

State of Calfornia — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

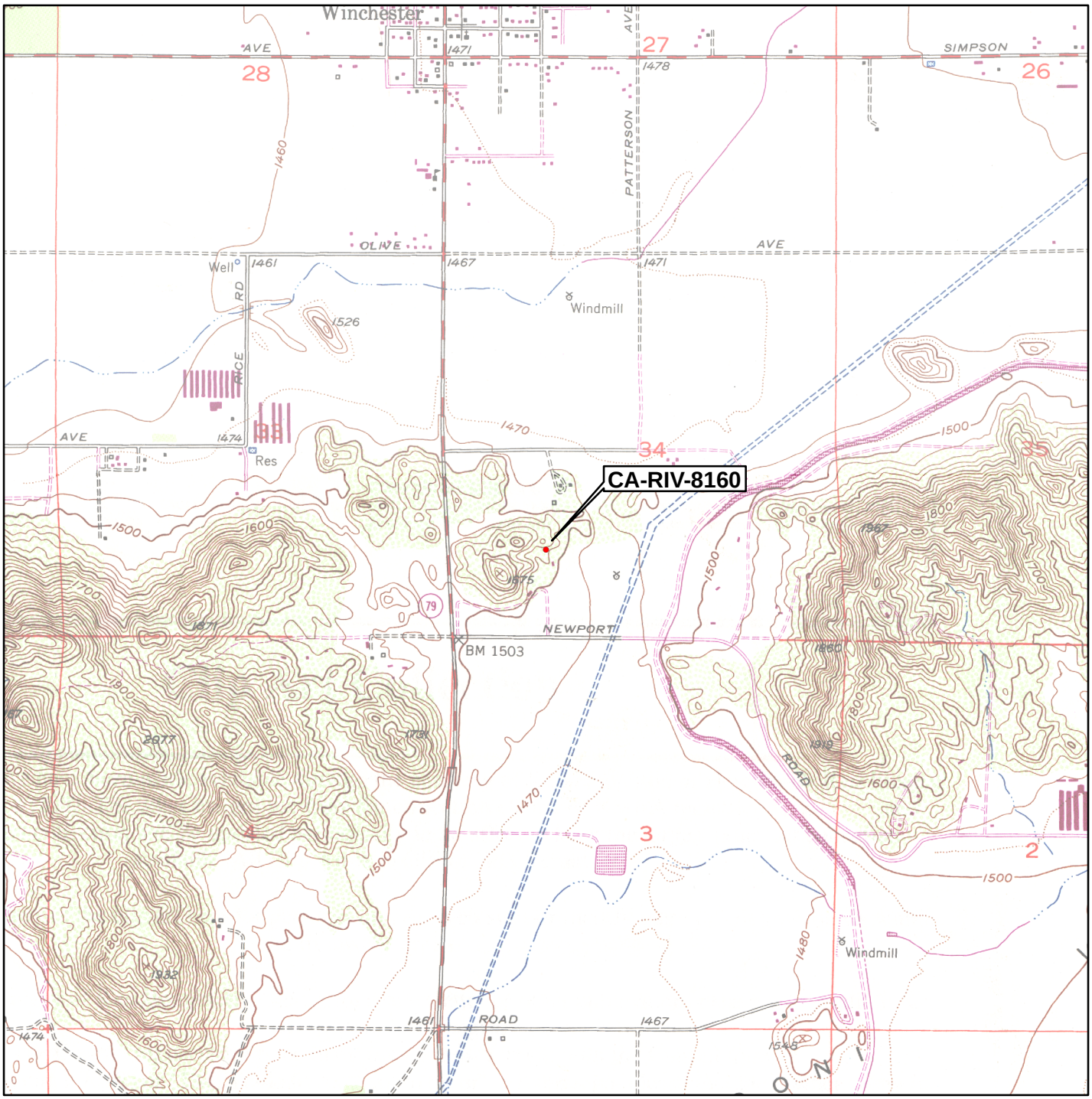
Primary # 33-15662
HRI#
Trinomial CA-RIV-8160

***Resource Name or #:** Æ-SR79-55

***Map Name:** Winchester, CA

***Scale:** 1:24,000

***Date:** 1953 (1979)



Appendix C
Field Notification Forms A and B

FORM A

Date:_____

RCTC STATE ROUTE 79 REALIGNMENT PROJECT

NOTIFICATION OF ARCHAEOLOGICAL SITE OR ISOLATE DISCOVERY AND EVALUATION

In accordance with Stipulation XV.A of the *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the Administration of the Federal-Aid Highway Program in California*, in accordance with the Monitoring and Post-Review Discovery Plan, notification is hereby given to [*Caltrans Cultural Studies Office (CSO), Cahuilla Band of Indians, Pechanga Band of Luiseño Indians, Ramona Band of Cahuilla, Soboba Band of Luiseño Indians, California State Historic Preservation Officer (SHPO)*] that a previously unknown [*historic/prehistoric/mixed component/Native American, site, isolate, locus, feature; if part of a previously recorded site state so and identify it by trinomial*] was discovered during [*survey; construction monitoring; controlled destruction*] activities at/between [*provide post miles, station data, UTMs, or other location data*] on [*insert dates that work was completed*]. [*If discovery was made during construction state whether construction activities were halted or diverted and then include the following: so that archaeologists could perform emergency archaeological studies*]. [*Provide a determination on the site based on the work completed: for example, "It was determined by the archaeologist that recordation exhausted the data potential of this cultural resource" or "It was determined by archaeologists that the site has the potential to yield important information about history/prehistory and could be further impacted by construction activities"*].

[*Provide a recommendation based on determination, for example: " Caltrans, therefore, recommended that construction personnel proceed to remove the feature and continue grading operations" or "Caltrans presumes that the discovery is eligible for NRHP listing under Criterion d, and that all data potential has been exhausted during evaluation, and recommended that construction personnel proceed to continue grading operations", or "Caltrans, therefore, recommends that no further construction-related activities be conducted within the immediate vicinity of [provide*

site number or temporary name] until the data is recovered and SHPO has been consulted"].

RECORDATION ___

OTHER __ [*if no other work was completed beyond recordation then delete this line*]

For Example:

1) *Excavation of 11 Shovel Test Probes (SHPs) to define depth, extent, and data potential of the site.*

Authorization to proceed issued by [*Use signature line only if no further work is recommended*]

_____

Signature [*Caltrans PQS or Cultural Studies Branch Chief*]

A summary of pertinent information concerning this discovery follows [Provide maps, sketches, and photographs to support the summary]:

Location [*Provide locational information such as township and range, section, post miles, station information, distance to landmarks, etc.*]

GIS Coordinates [*Provide easting and northing coordinates, as well as zone, and datum*]

Boundaries/Area/Description of Construction Impact [*describe boundary of the site, isolate, or loci, its areal and vertical distribution, relationship to the Area of Direct Impact, and give an account of the impact to the resource caused by construction activities, if any*]

Site Description [*Briefly describe the resource*]

Test Excavation [*Describe field methods if resource was further explored through manual or mechanical excavations*]

Site Contents and Artifacts [*Describe features and materials identified/recovered*]

Site Stratigraphy and Structure [*Describe the stratigraphic nature of the deposit and its integrity as well as any other observations regarding sediments and/or soils*]

Significance Evaluation [*Evaluate the resource against NRHP criteria*]

Justification of Rationale for [Data Recovery Excavations or No Further Work] [*Justify why data-recovery excavation is needed or why no further field work is required*]

Data Recovery Excavations [*Briefly describe the methods/sampling strategy that will be employed during data-recovery excavations*]

Other [*List all other recommendations here, if any; for example, a requirement for a human osteologist to be on site during excavation*]

[*If data-recovery excavations are NOT recommended*]

If you have any comments or concerns regarding this work, you may contact [*Caltrans PQS name, number, and email address*], or [*Consultant name, number, and email address*].

Distribution: [*Determine list required*]

State Office of Historic Preservation

Caltrans Cultural Studies Branch Chief

Caltrans Project Engineer

RCTC Project Manager

Cahuilla Band of Indians, Tribal Representative

Pechanga Band of Luiseño Indian, Tribal Representative

Ramona Band of Cahuilla, Tribal Representative

Soboba Band of Luiseño Indians, Tribal Representative

[*If data recovery excavations ARE recommended*]

In accordance with the procedures established in Stipulation XV.A of the *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the Administration of the Federal-Aid Highway Program in California*, and as detailed in the Monitoring and Post-Review Discovery Plan please inform [*Caltrans PQS name, number, and email address*] of your concurrence or comments within 48 hours of the distribution of this notice. If no comment is received within 48 hours, the above described treatment and unanticipated discovery plan will be implemented. Once the implementation of the treatment plan is complete, Caltrans may authorize construction activities in the immediate area of the discovery.

Issue of Notice: [*state time and date*]

Prepared by: _____

[*Consultant name, company, and title*]

Issued by: _____

Caltrans Cultural Studies Branch Chief

Distribution: [*Determine list required*]

State Office of Historic Preservation

Caltrans Cultural Studies Branch Chief

Caltrans Project Engineer

RCTC Project Manager

Cahuilla Band of Indians, Tribal Representative

Pechanga Band of Luiseño Indian, Tribal Representative

Ramona Band of Cahuilla, Tribal Representative

Soboba Band of Luiseño Indians, Tribal Representative

FORM B

Date:_____

RCTC STATE ROUTE 79 REALIGNMENT PROJECT

NOTIFICATION OF COMPLETION OF

POST-REVIEW ARCHAEOLOGICAL DISCOVERY TREATMENT

In accordance with Stipulation XV.A of the *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the Administration of the Federal-Aid Highway Program in California*, in accordance with the Monitoring and Post-Review Discovery Plan, notification is hereby given to [*Caltrans Cultural Studies Office (CSO), Cahuilla Band of Indians, Pechanga Band of Luiseño Indians, Ramona Band of Cahuilla, Soboba Band of Luiseño Indians, California State Historic Preservation Officer (SHPO)*] that emergency treatment was completed at a previously unknown [*historic/prehistoric/mixed component/Native American, site, isolate, locus, feature; if part of a previously recorded site state so and identify it by trinomial*]. This [*site, isolate, loci, feature*], given the permanent California State Trinomial number *XX-XXX-XXXXX* (temporary number *XX*), was discovered during [*survey; construction monitoring; controlled destruction*] activities at/between [*provide post miles, station data, UTMs, or other location data*] on [*insert dates that work was completed*]. A recommended treatment plan was submitted to CSO and the Consulting Tribes on [*Date*]. In consultation with CSO and the Consulting Tribes, implementation of this treatment plan was initiated on [*Date*] and completed on [*Date*]. Caltrans, upon completion of the treatment plan for this [*site, locus, feature*] conclude that no further treatment measures are required. Therefore, construction activities are authorized to proceed on [*Date the notification is approved by Caltrans*].

Authorization to proceed issued by

_____

Signature [*Caltrans PQS or Cultural Studies Branch Chief*]

A summary of the results of the Emergency Phase III investigations as follows [Provide maps, sketches, and photographs to support the summary]:

Location [*Provide locational information such as township and range, section, post miles, station information, distance to landmarks, etc.*]

GIS Coordinates [*Provide easting and northing coordinates, as well as zone, and datum*]

Boundaries/Area/Description of Construction Impact [*Describe boundary of the site, isolate, or loci, its areal and vertical distribution, relationship to Area of Direct Impact, and give an account of the impact to the resource caused by construction activities, if any*]

Site Description [*Briefly describe the resource*]

Data Recovery Excavation [*Describe field methods if resource was further explored through manual or mechanical excavations*]

Site Contents and Artifacts [*Describe features and materials identified/recovered*]

Site Stratigraphy and Structure [*Describe the stratigraphic nature of the deposit and site integrity, as well as any other observations regarding sediments and/or soils*]

Significance Evaluation [*Evaluate the resource against NRHP criteria*]

Justification of Rationale for No Further Work [*Justify why no further field work is required vis a vis the original proposal and anticipated types and quantities of features/artifacts actually recovered*]

Recommendations for Analysis, Research, and Reporting [*Make a recommendation for further analysis of materials collected during emergency treatment and reporting of the results*]

If you have any comments or concerns regarding this work, you may contact [*Caltrans PQS name, number, and email address]*.

Distribution: [*Determine list required*]

State Office of Historic Preservation

Caltrans Cultural Studies Branch Chief

Caltrans Project Engineer

RCTC Project Manager

Cahuilla Band of Indians, Tribal Representative

Pechanga Band of Luiseño Indian, Tribal Representative

Ramona Band of Cahuilla, Tribal Representative

Soboba Band of Luiseño Indians, Tribal Representative

ATTACHMENT F

ENVIRONMENTALLY SENSITIVE AREA (ESA) ACTION PLAN

ATTACHMENT F

ENVIRONMENTALLY SENSITIVE AREA ACTION PLAN FOR THE STATE ROUTE 79 REALIGNMENT PROJECT DOMENIGONI PARKWAY TO GILMAN SPRINGS ROAD, IN THE CITIES OF HEMET AND SAN JACINTO AND THE COUNTY OF RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA

(08-RIV-79, K.P R25.4/R54.4 [P.M. R15.78/R33.80)
E-FIS 08-0000-0784-0 (EA 49400)

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March 2016

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1 SUMMARY OF ESA ACTION PLAN

This Environmentally Sensitive Area (ESA) Action Plan (Plan) was prepared for the State Route 79 (SR 79) Realignment Project (Project) in the cities of Hemet and San Jacinto and the community of Winchester in Riverside County, California. The purpose of this Plan is to develop a protocol that ensures no adverse effects result from construction of Build Alternative 1br (Preferred Alternative) at the prehistoric archaeological component of CA-RIV-8156/H, while minimizing direct impacts to components of the Potential Prehistoric Archaeological District (PPAD) and the Traditional Cultural Property (TCP) within and in close proximity to (i.e., within 60 meters [200 feet]), the Area of Direct Impact (ADI) of the Preferred Alternative.

Stipulation VIII.C.3 of the 2014 *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Preservation Officer, and the California Department of Transportation* (Section 106 Programmatic Agreement [PA]), provides that archaeological sites protected by ESAs established and enforced in accordance with Attachment 5, may for the purposes of a specific undertaking, be considered eligible without subsurface excavation and/or surface collection. Consequently, Caltrans has assumed National Register of Historic Places (NRHP) eligibility of the prehistoric component of CA-RIV-8156/H for the purpose of this undertaking under Criterion D for its data potential only. In accordance with the Section 106 PA Stipulation X.B(2)a(ii) and 36 CFR 800.5(b) and the provisions set forth in Attachment 5 of the Section 106 PA, this property shall be protected in place with an ESA designation.

For the purposes of the undertaking and in accordance with Stipulation VIII.C.4 of Section 106 PA, Caltrans considers the PPAD to be a historic property eligible for listing in the National Register of Historic Places under Criterion A for its association with San Luis Rey II settlement and subsistence patterns explored in the Cultural Landscape and Settlement Patterns Context included in the Archaeological Evaluation Report (AER; Eddy et al 2014). The PPAD was also presumed eligible for listing under Criterion D for its data potential. The PPAD includes 24 prehistoric bedrock milling components identified in the Project APE; 13 prehistoric bedrock milling components are within or in close proximity to the ADI of the Preferred Alternative. Of these, one (CA-RIV-7885) will be destroyed during Project construction, two (CA-RIV-8141 and -8142) will be physically damaged with remaining portions protected as ESAs, and 10 (CA-RIV-5461, -5462, -7887, -7894/H,

-8140, -8143, -8147, -8148, -8156/H, and -8160) shall be preserved in place by ESA protection.

Caltrans determined the TCP was eligible for listing in the NRHP under Criterion A for its association with events that have made a significant contribution to broad patterns of Luiseño history; Criterion B for its association with Coyote and the Seven Sisters who are significant persons in the history of local Native American communities; and Criterion D for its potential to yield information important to prehistory. The California State Historic Preservation Officer (SHPO) concurred with this determination of eligibility on January 20, 2015. The TCP includes *Chéexayam Pum'wáppivu* (east end of Double Butte), *'Anó´ Potma* (largest hill in the West Hemet Hills), and the remaining open space within the intervening valley. Portions of *'Anó´ Potma* and the intervening valley are within the ADI of the Preferred Alternative.

Caltrans determined that the Project will result in an Adverse Effect to the PPAD and TCP with California State Historic Preservation Officer (SHPO) concurrence on March 2, 2015. Caltrans is consulting SHPO and other consulting parties regarding resolution of adverse effects pursuant to Section 106 PA Stipulation XI, 36 CFR 800.6(a) and 800.6(b)(1) through the preparation of a Memorandum of Agreement (MOA), which includes this ESA Action Plan as an attachment. Outside the ADI of the Preferred Alternative, other components of the PPAD and TCP that contribute to the significance of these historic properties will be protected with an ESA designation as provided for in this ESA Action Plan.

Prior to Project construction, ESAs and ESA barriers shall be clearly delineated on construction plans. ESA barriers (i.e., temporary fencing, signage, or other means deemed appropriate by Caltrans) within the Project's right-of-way shall be marked in the field by Archaeological and Native American monitors and installation of all ESA barriers by the Contractor shall be monitored by archaeological and Native American monitors. ESAs and ESA barriers will adhere to the Standard, Standard Special (SSP), and non-Standard Specifications (NSSP) found in the Caltrans Standard Specifications 2010 (see Special Provisions below). Maps found in Appendix A depict ESAs and the proposed location of ESA barriers within the Project right-of-way for the PPAD. Maps found in Appendix B depicts ESA barriers for the TCP.

Archaeological and Native American monitors, in accordance with the Monitoring and Post-Review Discovery Plan (Attachment E to the MOA), shall be present to

monitor job site acitivites within 100 feet of ESAs designated for CA-RIV-8156/H and the following components of the PPAD: CA-RIV-5461, -5462, -7894/H, -8140, -8141, -8142, -8143, -8147, -8148, -8156/H, and -8160. Daily spot-check archaeological and Native American monitoring shall be required during any job site activities that fall within 100 feet of an ESA designated for the following components of the PPAD and TCP: CA-RIV-7887, *'Anó Pótma* and the intervening valley. Finally, Archaeological and Native American monitors shall be present to monitor the removal of ESA barriers once construction is completed. Table 4-1 found in Section 4 presents a list of tasks regarding ESAs to be carried out, as well as the parties responsible for ensuring that these tasks are completed.

The 100 foot ESA buffer and other areas determined sensitive for archaeological resources will be delineated on Project Plans as the Archaeological Monitoring Area (AMA) prior to Project construction. The AMA will be shown on construction plans and described in contract provisions. Archaeological and Native American monitors shall be present to monitor Project acitivites within an AMA.

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2 PROJECT DESCRIPTION

The California Department of Transportation (Caltrans), in cooperation with the Riverside County Transportation Commission (RCTC), the County of Riverside, the City of San Jacinto, and the City of Hemet, proposes to realign SR 79 from Domengoni Parkway to Gilman Springs Road (see Exhibit 1, 2, and 3 in Attachment B to the MOA). The Project would entail new construction of a divided four-lane (two lanes in each direction) limited-access expressway mostly in areas where no such highway exists. Project limits are defined from the southern extent of the Project to the northern extent of the Project. The southern limit of the Project begins at kilometer post (KP) R25.4 (post mile [PM] R15.78), which is 2.035 kilometers (km)(1.26 miles [mi]) south of Domenigoni Parkway. The Project continues to the northern limit at KP R54.4 (PM R33.80), which is the intersection of SR 79 and Gilman Springs Road. It would serve southwestern Riverside County, including the community of Winchester and the cities of Hemet and San Jacinto. Build Alternative 1br was selected as the Preferred Alternative for the Project. The Project is listed under Caltrans Project Number 08-0000-07840, Expenditure Authorization 49400.

In accordance with the Section 106 PA Stipulation X.C(2)a(ii) and 36 CFR 800.5(b), and the provisions set forth in Attachment 5 of the Section 106 PA, the prehistoric component of CA-RIV-8156/H shall be protected in place with an ESA designation. The ESA shall surround the prehistoric component of CA-RIV-8156/H. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be placed a minimum of 10-feet from the ESA and extend along Project right-of-way limits for a minimum of 25 feet beyond the ESA.

The criteria of adverse effect stipulated in 36 CFR 800.5(a)(2) were applied to the PPAD and TCP and Caltrans determined that the undertaking will result in an Adverse Effect to these historic properties (Eddy and Delu 2015). The California State Historic Preservation Officer (SHPO) concurred with this finding on March 2, 2015. Caltrans is consulting SHPO and other consulting parties regarding resolution of adverse effects pursuant to Section 106 PA Stipulation XI, 36 CFR 800.6(a) and 800.6(b)(1) through the preparation of a Memorandum of Agreement (MOA), which includes a Monitoring and Post-Review Discovery Plan of which this ESA Action Plan is an attachment. In addition, the MOA proposes the following measures to resolve adverse effects to the TCP and PPAD:

- Prepare a *Historic Context and Archaeological Research Design for a Potential Prehistoric Archaeological District in the San Jacinto Valley*;

- Conduct spatial and visual analysis of a portion of the bedrock milling features within the 24 bedrock milling components that collectively contribute to the significance of the PPAD;

- Attempt to relocate bedrock milling features that will be destroyed or directly impacted by grading operations or other earth-moving activities; and

- Assist in the preparation of a National Register Nomination for the TCP.

Prehistoric bedrock milling components of the PPAD that fall outside the ADI, but are in close proximity (i.e., 60 meters [200 feet]) will be preserved in place with an ESA designation as provided for in this ESA Action Plan. In general, the ESA shall surround the contributing component of the PPAD. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be placed a minimum of 10-feet from the ESA and extend along Project right-of-way limits for a minimum of 25 feet beyond the ESA.

Prehistoric bedrock milling components CA-RIV-8141 and -8142 of the PPAD fall partially within the ADI. Those portions lying adjacent to and outside the ADI shall be protected in place with an ESA designation as provided for in this ESA Action Plan. In general, the ESA shall incorporate those portions of CA-RIV-8141 and -8142 that fall outside the ADI. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way that fall outside the ADI and shall be placed a minimum of 10-feet from the ESA and extend along Project right-of-way limits for a minimum of 25 feet beyond the ESA.

The entirety of the TCP shall be protected from direct Project impacts by designation as an ESA. Components of the TCP (i.e., *'Anó' Potma* [largest hill in the West Hemet Hills] and the remaining open space within the intervening valley) fall partially within the ADI. Those portions lying adjacent to and outside the ADI shall be protected in place with an ESA barrier and monitoring, as provided for in this ESA Action Plan.

A summary of contributing components to the PPAD and TCP that will be preserved or protected by ESAs is provided in Tables 2-1 and 2-2. All other components of the PPAD and TCP are more than 60 meters (200 feet) from the edge of the ADI and will not require ESA designation to ensure protection during Project construction.

Table 2-1. Contributing Components of the PPAD to be Protected by ESAs

Component	Description	ESA Location
CA-RIV-5461	3 bedrock milling features, 9 slicks, 1 milling slab Site measures 1,728 m² and a sliver portion extends into the ROW of the Preferred Alternative but the site is 10 m (33 ft) outside of the ADI and will not be directly impacted. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-5461.	ESA shall surround CA-RIV-5461. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be placed a minimum of 10-feet from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-1).
CA-RIV-5462	9 bedrock milling features, 18 slicks, 10 surface artifacts, 1 subsurface artifact Site measures 2,800 m² and a sliver portion extends into the ROW of the Preferred Alternative but the site is 64 m (210 ft) outside of the ADI and will not be directly impacted. Because ROW acquisitions include a portion of the site, the site will be protected by ESA. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-5462.	ESA shall surround CA-RIV-5462. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA but shall not block access to Newport Road (see Figure A-2).
CA-RIV-7887	1 bedrock milling features, 1 slick Site measures less than 1 m² and is 51 m (168 ft) outside of the ADI of the Preferred Alternative. Daily spot-check archaeological and Native American monitoring required when working within 100 feet of the ESA designated for CA-RIV-7887.	ESA shall surround CA-RIV-7887. ESA lies completely outside of Project right-of-way. The ESA barrier placed along the Project right-of-way limits to protect portions of the TCP (i.e., *'Anó* Pótma) shall preserve ESA in place during Project construction (see Figure A-3).
CA-RIV-7894/H (Prehistoric Component)	2 bedrock milling features, 2 slicks Site measures 98 m² and is 39 m (128 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-7894/H.	ESA shall surround prehistoric component of CA-RIV-7894/H. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-4).
CA-RIV-8140	2 bedrock milling features, 4 slicks. Site measures 40 m² and a sliver portion extends into the ROW of the Preferred Alternative but the site is 26	ESA shall surround CA-RIV-8140. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other

Table 2-1. Contributing Components of the PPAD to be Protected by ESAs

Component	Description	ESA Location
	m (85 ft) outside of the ADI and will not be directly impacted. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8140.	means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-5).
CA-RIV-8141	6 bedrock milling features, 6 slicks, associated artifacts The site area measures 1,000 m² and a portion extends into the ADI of the Preferred Alternative resulting in direct impacts to three bedrock milling feature (Features 3, 7, and 8) and two surface artifacts. The remaining portion of the site will not be directly impacted. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8141.	ESA shall surround eastern portion of CA-RIV-8141 that includes Features 1, 2, 4, 5, and 6. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-6).
CA-RIV-8142	2 bedrock milling features, 5 slicks, 2 subsurface artifacts Site measures 880 m² and a portion extends into the ADI of the Preferred Alternative resulting in direct impacts to one bedrock milling feature (Feature 3). The remaining portion of the site will not be directly impacted. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8142.	ESA shall surround southern portion of CA-RIV-8142 that includes Features 2 and 3. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-7).
CA-RIV-8143	3 bedrock milling features, 4 slicks Site measures 418 m² and is 15 m (50 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8143.	ESA shall surround CA-RIV-8143. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-8).
CA-RIV-8147	1 bedrock milling feature, 2 slicks. Site measures 2 m² and is 17 m (56 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet	ESA shall surround CA-RIV-8147. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft

Table 2-1. Contributing Components of the PPAD to be Protected by ESAs

Component	Description	ESA Location
	of the ESA designated for CA-RIV-8147.	from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-9).
CA-RIV-8148	1 bedrock milling feature, 15 slicks Site measures 100 m² and is 33 m (108 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8148.	ESA shall surround CA-RIV-8148. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-10).
CA-RIV-8156/H (Prehistoric Component)	1 bedrock milling feature, 1 slick, lithic scatter Prehistoric component measures 2900 m² and is 16 m (52 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8156/H.	ESA shall surround prehistoric component of CA-RIV-8156/H. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-11).
CA-RIV-8160	1 bedrock milling feature, 3 slicks Site measures 6 m² and is 15 m (50 ft) outside of the ADI of the Preferred Alternative. Full time archaeological and Native American monitoring required for job site activities occurring within 100 feet of the ESA designated for CA-RIV-8160.	ESA shall surround CA-RIV-8160. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. The ESA barrier shall be limited to those portions of the ESA within the Project right-of-way and shall be a minimum of 10-ft from the ESA and extend along Project right-of-way limits for a minimum of 25-feet beyond the ESA (see Figure A-12).

Table 2-2. Contributing Components of the TCP to be Protected by ESAs

Cultural Resource	Description	ESA Location
***TCP ('Anó Pótma, Intervening Valley, and* Chéexayam Pum'wáppivu)**	***'Anó Pótma***: The largest hill in the West Hemet Hills; a named place associated with events of the first people following creation. 'Ano Pótma, as measured around the base of the hill, is approximately 471 acres and is partially within the ADI of the Preferred Alternative resulting in direct impacts to 29.7 acres on the west and northwestern margins of the hill. The remaining 441.3 acres of open space will not be directly impacted. Daily spot-check archaeological and Native American monitoring required when working within 100 feet of the ESA barrier erected for 'Ano Pótma. Periodic spot-check archaeological and Native American monitoring will occur in other portions of 'Ano Pótma. ***The intervening valley*** between Chéexayam Pum'wáppivu (eastern butte of the Double Buttes) and 'Anó´ Potma is symbolic of the separation between 'Anó and the Chéexayam (Seven Sisters). The intervening valley contains approximately 1000 acres, of which 465 acres are in open space, and is partially within the ADI of the Preferred Alternative resulting in direct impacts to 70.0 acres of open space. The remaining 395 acres of open space will not be directly impacted. Daily spot-check archaeological and Native American monitoring required when working within 100 feet of the ESA barrier erected to protect the intervening valley. ***Chéexayam Pum'wáppivu*** (eastern butte of the Double Buttes) is not within the ADI of the Preferred Alternative. The TCP to be protected also includes areas outside of the contributing elements ('Ano Pótma, Chéexayam Pum'wáppivu, and the intervening valley). These areas that are not adjacent to the ADI will be designated as an ESA, without erecting an ESA barrier.	ESA shall include the entire TCP. Portions of ESA within Project right-of-way shall be marked in the field by the placement of barriers such as fencing, signage, or other means. An ESA barrier shall be placed along the limits of Project right-of-way wherever it crosses through the TCP (see Figures B1-B39). Access along existing paved and graded roads will be permitted. Other areas within TCP needed for Construction will be assessed as needed by Caltrans PQS in consultation with participating Tribes

3 METHODS

The methods described below detail the materials and methods of placement for ESA barriers. Additionally, Standard, SSP and NSSPs to be included in the contract provisions are described below. As applicable, the ESA barriers will be used according to the methods described below: for the protection of the prehistoric component of CA-RIV-8156/H; for protecting contributing components of the PPAD located outside, but adjacent to, the ADI of the Preferred Alternative (i.e., CA-RIV-5461, -5462, -7887, -7894/H, -8140, -8143, -8147, -8148, -8156/H, and -8160); and for protecting remining portions of contributing components of the PPAD (CA-RIV-8141 and -8142) and the TCP (i.e., *'Anó Pótma* and the intervening valley) that fall partially within the ADI. A combination of ESA barriers and Archaeological and Native American monitoring will ensure that ESAs within and adjacent to the ADI of the Preferred Alternative are protected during Project construction. Anytime job site activities will occur within 100 feet of the ESA limits or within the AMA limits the Contractor must notify the Resident Engineer (RE) and Caltrans Project Archaeologist five (5) working days in advance to arrange for Archaeological and Native American monitors. Table 4-1 of Section 4, Responsible Parties, further defines the roles and responsibilities of all individuals with regard to ESAs.

3.1 Standard Specifications-ESA

The Standard Specifications regarding ESAs are listed below:

> **14-1.01 GENERAL**
> Section 14-1 includes general specifications for environmental compliance and environmental resource management.
>
> **14-1.02 ENVIRONMENTALLY SENSITIVE AREA**
> **14-1.02A General**
> Section 14-1.02 includes specifications for environmentally sensitive area requirements.
>
> If an ESA is shown:
>
> 1. The boundaries shown are approximate; the Department marks the exact boundaries on the ground
> 2. Do not enter the ESA unless authorized
> 3. If the ESA is breached, immediately:
>   3.1. Secure the area and stop all operations within 60 feet of the ESA boundary
>   3.2. Notify the Engineer

4. If the ESA is damaged, the Department determines what efforts are necessary to remedy the damage and who performs the remedy; you are responsible for remedies and charges

Signs are required for Type ESA temporary fence.

14-1.03A(2) Submittals
Submit a certificate of compliance for high visibility fabric and safety caps for metal posts.

14-1.03B Materials
14-1.03B(1) High Visibility Fabric
High visibility fabric for Type ESA temporary fence must comply with section 13-10.02D and must:

1. Contain ultraviolet inhibitors
2. Comply with the ESA properties in the following table:

Property	Specifications	Requirements
Width, inches, min	Measured	48
Opening size, inches	Measured	1 by 1 inch (min) 2 by 4 inches (max)
Color	Observed	Orange
Roll weight, lb, min for 4 by 100 foot roll	Measured	12
Tensile strength, lb, min	ASTM D4595	320

14-1.03B(2) Posts
Posts for Type ESA temporary fence must be wood or steel.

Wood and metal posts for Type ESA temporary fence must comply with section 13-10.02.

Wood posts must be at least 2 by 2 inches in size and 6 feet long.

Metal posts must be at least 6 feet long.

14-1.03B(3) Signs
Signs for Type ESA temporary fence must be:

1. Weatherproof and fade-proof and may include plastic laminated printed paper affixed to an inflexible weatherproof backer board
2. Attached to the high visibility fabric with tie wire or locking plastic fasteners

14-1.03C Construction
14-1.03C(1) General
Install Type ESA temporary fence:

1. With high visibility fabric, posts, and fasteners as follows:
   1.1. If wood posts are used, fasteners must be staples or nails
   1.2. If steel posts are used, fasteners must be tie wires or locking plastic fasteners
   1.3. Spacing of the fasteners must be no more than 8 inches apart
2. Before clearing and grubbing activities
3. From outside of the protected area
4. With posts spaced 8 feet apart and embedded at least 16 inches in the soil

Signs must be attached with the top of the sign panel flush with the top of the high visibility fabric and placed 100 feet apart along the length and at each end of the fence.
If trees and other plants need protection, install the fence to enclose the drip line of the foliage canopy of protected plants and protect visible roots from encroachment.

14-1.03C(2) Maintenance
Maintain Type ESA temporary fence by:
1. Keeping posts in a vertical position
2. Reattaching fabric to posts
3. Replacing damaged sections of fabric
4. Replacing and securing signs

14-1.03D Payment
The fence payment quantity does not include the width of openings.

The fence is measured:

1. Parallel to the ground slope
2. Along the fence

3.2 Standard Specifications-Cultural Resources

The Standard Specifications regarding Cultural Resources are listed below:

14-2.01 GENERAL
Section 14-2 includes specifications relating to cultural resources.

14-2.02 ARCHAEOLOGICAL RESOURCES
14-2.02A General
Section 14-2.02 applies if archaeological resources are discovered at the job site. Do not disturb the resources and immediately:

1. Stop all work within a 60-foot radius of the discovery
2. Protect the discovery area
3. Notify the Engineer

The Department investigates. Do not move archaeological resources or take them from the job site. Do not resume work within the discovery area until authorized.

If ordered, furnish resources to assist in the investigation or recovery of archaeological resources. This work is change order work.

14-2.03 ARCHAEOLOGICAL MONITORING AREA
14-2.03A GENERAL
Section 14-2.03 applies if an AMA is described in the Contract.

The Department assigns an archaeological and Native American monitor to monitor job site activities within the AMA. Do not work within the AMA unless the archeological monitor is present.

The Engineer and the Department's archaeological and Native American monitor conduct an AMA location field review with you at least 5 business days before start of work. The Department marks the exact boundaries of the AMA on the ground.

If Type ESA temporary fence or other enclosure for an AMA is described in the Contract, install Type ESA temporary fence or other enclosure to define the boundaries of the AMA during the AMA location field review.

At least 5 business days before starting work within an AMA, submit a schedule of days and hours to be worked for the Engineer's authorization. If you require changes in the schedule, submit an update for the Engineer's authorization at least 5 business days before any changed work day.

If archaeological resources are discovered within an AMA, comply with section 14-2.02.

3.3 Standard Special and non Standard Special Provisions

In addition to the 2010 Standard Provisions, SSPs and NSSPs are to be included in the Plans Specifications and Estimate (PS&E) package. SSPs and NSSPs will define the AMA in accordance with the Monitoring and Post-Review Discovery Plan and further outline monitoring requirments when working within or near ESAs and/or AMAs.

4 MONITORS

Personnel chosen to manage and implement the provisions of this ESA Action Plan will be experienced in Riverside County and have the appropriate skills to oversee the archaeology, work scope, and scheduling requirements. Key personnel must meet Caltrans Professional Qualified Staff standards as identified in the Section 106 PA Attachment I for prehistoric archaeology.

Prior to construction, a Project Archaeologist whose training and background conforms to the U.S. Secretary of the Interior's Professional Qualifications Standards, as published in Title 36, Code of Federal Regulations, part 61 (36 C.F.R., part 61) shall be retained by RCTC and approved by Caltrans District 8 to oversee monitoring of construction activities that fall within 100 feet of an ESA or within an AMA. Their qualifications shall be appropriate to the needs of the Project and shall include a background in prehistoric and/or historical archaeology.

The Project Archaeologist shall obtain the services of a Lead Archaeological Monitor, Archaeological Monitors, and Native American Monitors to assist in monitoring 100 feet of ESAs or within AMAs. Archaeological Monitors must meet the Caltrans qualifications and their résumés must be reviewed and approved by the District prior to beginning work. The roles of the Project Archaeologist, Lead Archaeological Monitor, Archaeological Monitors, Native American Monitors, and a Human Osteologist are described in Section 8 of the Monitoring and Post-Review Discovery Plan and are not repeated here.

Tribal Monitoring shall occur through a designated Tribal Monitoring Program, to be established in consultation among RCTC, Caltrans, and the Cahuilla Band of Indians (Cahuilla Band), the Pechanga band of Luiseño Indians (Pechanga Band), the Ramona Band of Cahuilla (Ramona Band), and the Soboba Band of Luiseño Indians (Soboba Band). The Tribal Monitoring Program shall be administered by RCTC, who shall provide a designated Native American Monitor liaison to coordinate with Caltrans and the consulting Tribes. Native American Monitors shall be selected through consultation with the consulting Tribes and shall be contracted through the Tribal Monitoring Program, at the sole expense of RCTC. Details regarding the Tribal Monitoring Program are provided in Section 8.4 of the Monitoring and Post-Review Discovery Plan (Attachment E of the MOA) and are not repeated here.

Prior to the start of construction, and periodically throughout construction, an Archaeological Monitor and Native American monitor shall attend pre-construction meetings to review ESA and AMA requirements with construction personnel. Archaeological and Native American monitors shall conduct an ESA/AMA field review with the Contractor prior to construction and mark the exact boundaries of the ESA barrier on the ground in accordance with construction plans and contract provisions. The Archaeological and Native American Monitor shall be present to supervise and monitor ESA barrier installation and will conduct periodic ESA field reviews to ensure the ESA has not been breached as a result of Project construction.

Archaeological and Native American monitoring requirements related to ESAs shall include full-time and daily spot-check monitoring to ensure ESA barriers are not breached during Project construction. Full-time and daily spot-check monitoring requirements are defined below:

- Archaeological and Native American monitoring shall be required during any Project construction related activities that fall within 100 feet of an ESA designated for CA-RIV-8156/H and the following components of the PPAD: CA-RIV-5461, -5462, -7894/H, -8140, -8141, -8142, -8143, -8147, -8148, -8156/H, and -8160.

- Daily spot-check archaeological and Native American monitoring shall be required during any Project construction related activities that fall within 100 feet of an ESA designated for the following components of the PPAD and TCP: CA-RIV-7887, *'Anó Pótma* and the intervening valley.

5 RESPONSIBLE PARTIES

Table 5-1. ESA Action Plan for the SR 79 Realignment Project

Timing	Task	Responsible Party
Pre-Construction	Caltrans Project Archaeologist and/or RCTC's Project Archaeologist will ensure that the ESA, ESA barrier, and AMA delineations are included in the construction plans, contract provisions, Environmental Commitments Record (ECR) and the Resident Engineer's Pending File.	• Project Manager • Project Engineer • Caltrans Project Archaeologist* • RCTC Project Archaeologist*
	Caltrans Project Archaeologist and/or RCTC's Project Archaeologist will review the construction plans and contract provisions of the Plans, Specifications and Estimates (PS&E) to ensure that all ESA and AMA specifications are included and accurate.	• Project Manager • Project Engineer • Caltrans Project Archaeologist* • RCTC Project Archaeologist*
	ESA/AMA requirements shall be discussed at the Pre-construction meeting prior to the start of construction. The Resident Engineer will discuss the importance of keeping all personnel and project activities (including, but not limited to; staging or storage of equipment or materials) outside of designated ESAs. The Contractor shall then disseminate this information to construction personnel through a memo distributed to all personnel working in conjunction with the project, including sub-contractors and representatives of the contractor. A cultural resource sensitivity training video will be made available to provide training to construction personnel who start work after construction begins.	• Resident Engineer* • Construction Liaison • Contractor
During Construction	At least 5 business days before start of work, the Resident Engineer must contact the Caltrans Project Archaeologist and RCTC's Project Archaeologist and the Native American monitor to set schedule for an ESA/AMA location field review. The Resident Engineer and the Archaeological and Native American Monitors will then conduct the ESA/AMA field review with Contractor. The Archaeological and Native American Monitors shall mark the exact boundaries of the ESA barrier on the ground in accordance with construction plans and contract provisions.	• Resident Engineer • Caltrans Project Archaeologist • RCTC Project Archaeologist • Contractor • Archaeological Monitor*
	At least 5 business days before the installation of ESA barriers, the Contractor shall notify the Caltrans Project Archaeologist RCTC's Project Archaeologist and the Native American Monitor of installation schedule. Caltrans Project Archaeologist and/or RCTC's Project Archaeologist will ensure that Archaeological and Native American Monitors are present to supervise and monitor ESA barrier installation.	• Caltrans Project Archaeologist • RCTC Project Archaeologist • Contractor* • Archaeological Monitor

Table 5-1. ESA Action Plan for the SR 79 Realignment Project

Timing	Task	Responsible Party
	The Contractor installs ESA barriers under the supervision of Archaeological and Native American Monitors in accordance with specifications in construction plans and contract provisions. Where linear fencing is appropriate, signs will clearly mark which side of fence is the Sensitive Area. The type and installation of signs is pursuant to standard plans and contract provisions.	• Contractor* • Archaeological Monitor
	At least 5 business days before starting work within 100 feet of an ESA or within an AMAthe Contractor shall submit the schedule of work days and hours to the Resident Engineer, the Caltrans Project Archaeologist and/or RCTC's Project Archaeologist. Changes to the schedule may require authorization of the Resident Engineer and shall be communicated to the Caltrans Project Archaeologist.	• Resident Engineer • Caltrans Project Archaeologist • RCTC Project Archaeologist • Contractor*
During Construction	An Archaeological and Native American Monitor will monitor job site activities within 100 feet of an ESA designated for CA-RIV-8156/H and/or components of the PPAD and all designated AMAs. Do not work within 100 feet if an ESA designated for CA-RIV-8156/H and/or components of the PPAD or within an AMA unless the Archaeological and Native American Monitors are present. If the Archaeological and/or Native American Monitor is not present within 30 minutes after official start work time, work within 100 feet of an ESA designated for CA-RIV-8156/H and/or components of the PPAD or within an AMA may begin. A Native American Monitor will be present in addition to the Archaeological Monitor, but may not take the place of the Archaeological Monitor. The Archaeological Monitor will submit weekly reports to the Caltrans Project Archaeologist and RCTC's Lead Archaeological Monitor. The Native American Monitor will submit weekly reports to the Tribal Monitoring Program.	• Archaeological Monitor* • Caltrans Project Archaeologist • RCTC Lead Archaeological Monitor
	An Archaeological and Native American Monitor will conduct daily spot-check monitoring of job site activities within 100 feet of an ESA designated for CA-RIV-7887 (a prehistoric component of the PPAD) and/or contributing components of the TCP (i.e., *'Anó Pótma* and the intervening valley). The Archaeological Monitor will submit weekly reports to the Caltrans Project Archaeologist and RCTC's Lead Archaeological Monitor. The Native American Monitor will submit weekly reports to the Tribal Monitoring Program.	• Archaeological Monitor* • Caltrans Project Archaeologist • RCTC Lead Archaeological Monitor
	The Resident Engineer and the Contractor must ensure that the ESA barrier is effectively maintained throughout the duration of the project.	• Resident Engineer • Contractor*

Table 5-1. ESA Action Plan for the SR 79 Realignment Project

Timing	Task	Responsible Party
	Resident Engineer or Contractor must contact Caltrans Project Archaeologist within 24 hours of any ESA Violations to determine how the violation will be addressed. The Caltrans Project Archaeologist or District Environmental Branch Chief shall contact Caltrans CSO, SHPO, and Native American Tribe(s) as applicable within 48 hours of the ESA violation.	• Resident Engineer* • Caltrans Project Archaeologist* • District Environmental Branch Chief
Post Construction	Environmental Construction Liaison will inform the Caltrans Project Archaeologist when construction is complete.	• Environmental Construction Liaison* • Caltrans Project Archaeologist
	The Contractor must contact Caltrans Project Archaeologist at least 5 days before ESA fence removal. Under the supervision of Archaeological and Native American Monitors, the Contractor removes ESA barrier.	• Contractor* • Caltrans Project Archaeologist

Responsible Parties as of March 2016	Role	Name	Email	Phone
	Project Manager	Meardey Tim	meardey.tim@dot.ca.gov	(909) 383-6480
	Project Engineer	TBD	TBD	TBD
	District Environmental Branch Chief	Gabrielle Duff	gabrielle.duff@dot.ca.gov	(909) 383-6933
	Caltrans Project Archaeologist	Dicken Everson	dicken.everson@dot.ca.gov	(909) 383-1010
	Environmental Construction Liaison	Patraic Kelly	patraic.kelly@dot.ca.gov	(909) 825-5877 (951) 232-8511
	Resident Engineer	TBD	TBD	TBD
	Contractor	TBD	TBD	TBD
	RCTC's Project Archaeologist	TBD	TBD	TBD
	Lead Archaeological Monitor	TBD	TBD	TBD
	Archaeological Monitor	TBD	TBD	TBD
	Native American Monitor(s)	TBD	TBD	TBD

*Indicates primary responsibility

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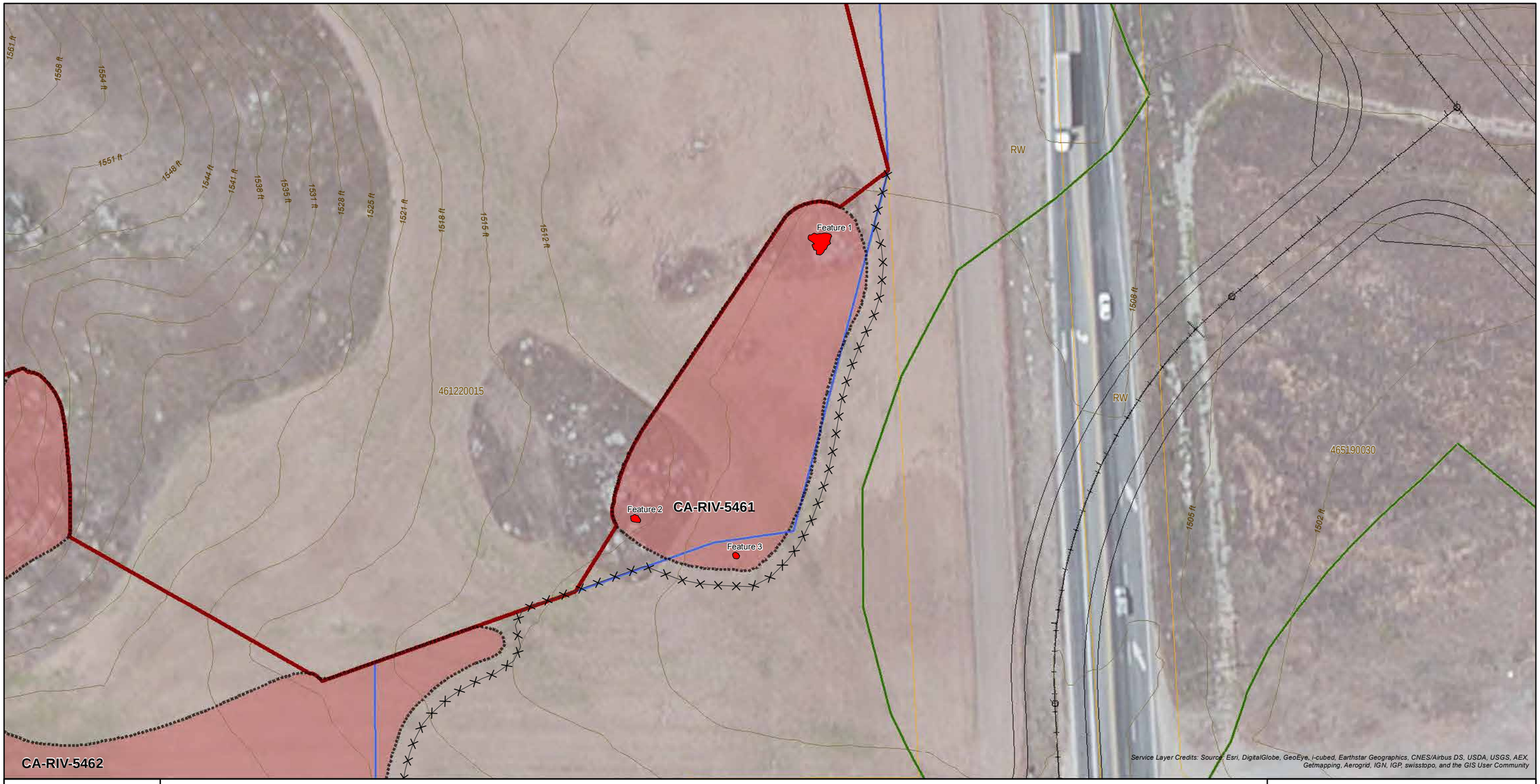
APPENDIX A

PPAD ESA FIGURES



LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-1
ESA at CA-RIV-5461

ESA Action Plan
State Route 79 Realignment Project
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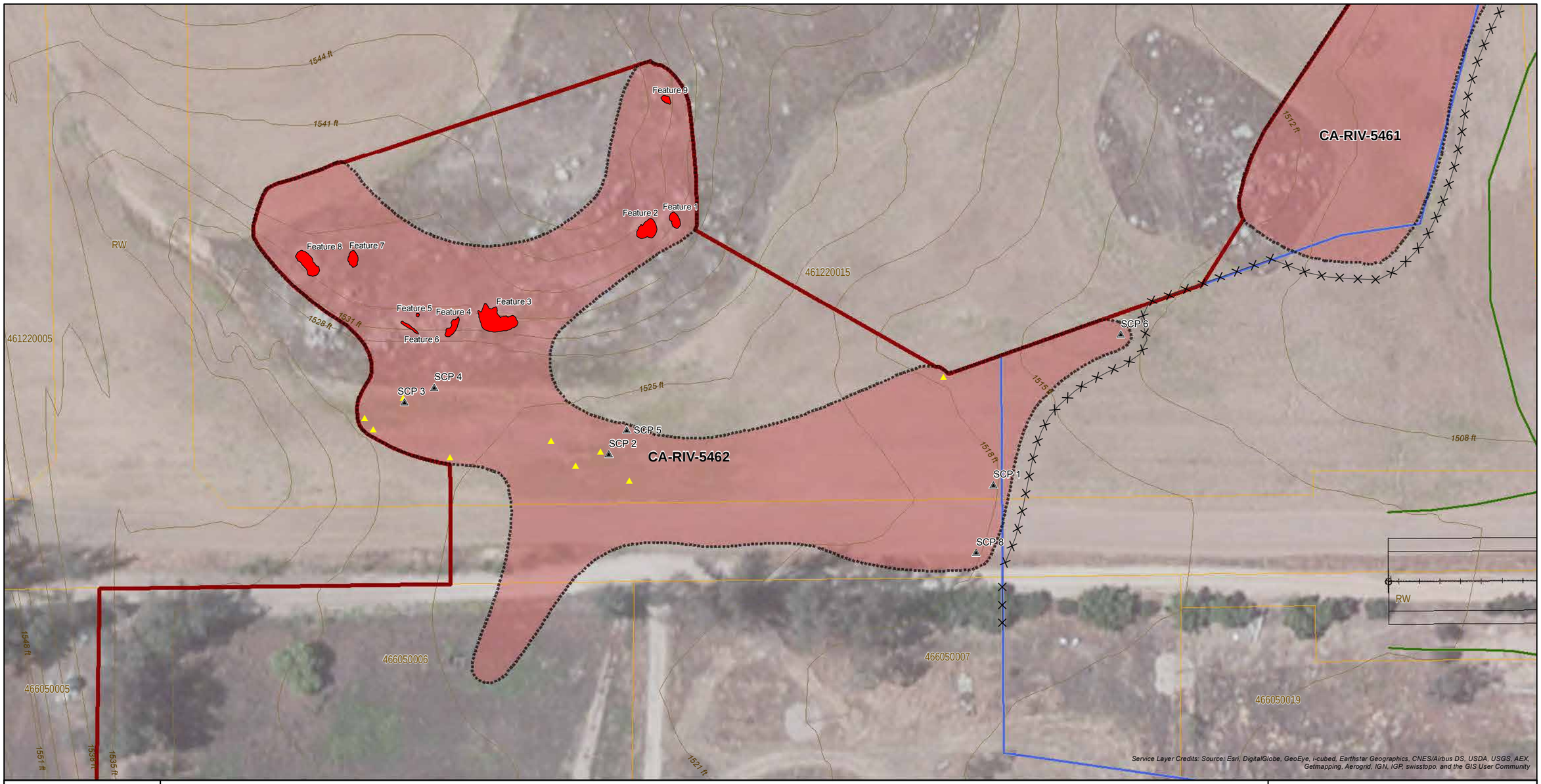

LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-2
ESA at CA-RIV-5462

ESA Action Plan
State Route 79 Realignment Project
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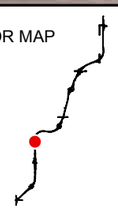
LOCATOR MAP



N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-3
ESA at CA-RIV-7887

ESA Action Plan
State Route 79 Realignment Project

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LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-4
ESA at CA-RIV-7894/H

ESA Action Plan
State Route 79 Realignment Project
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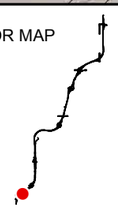
LOCATOR MAP



N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

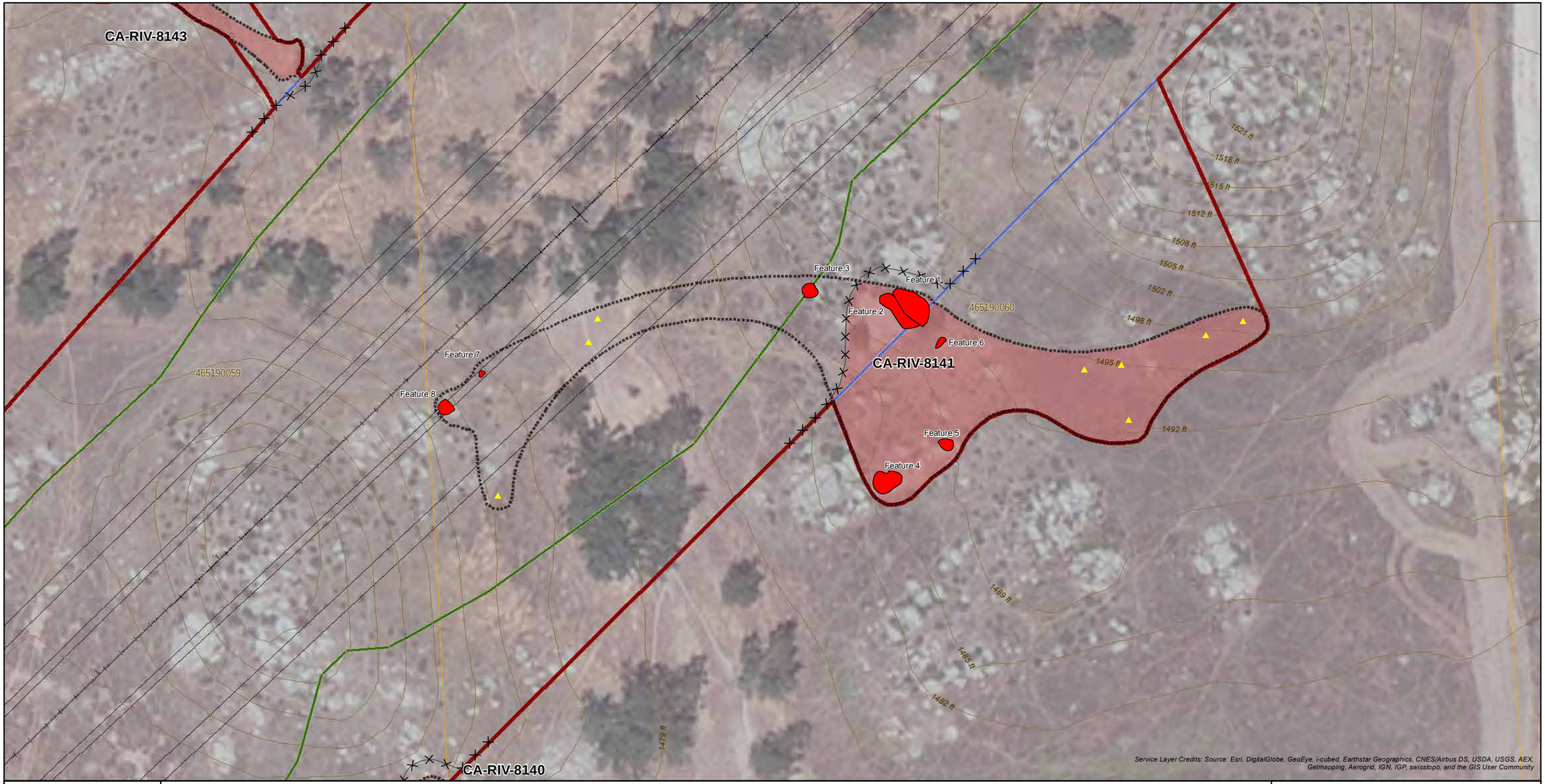
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-5
ESA at CA-RIV-8140

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

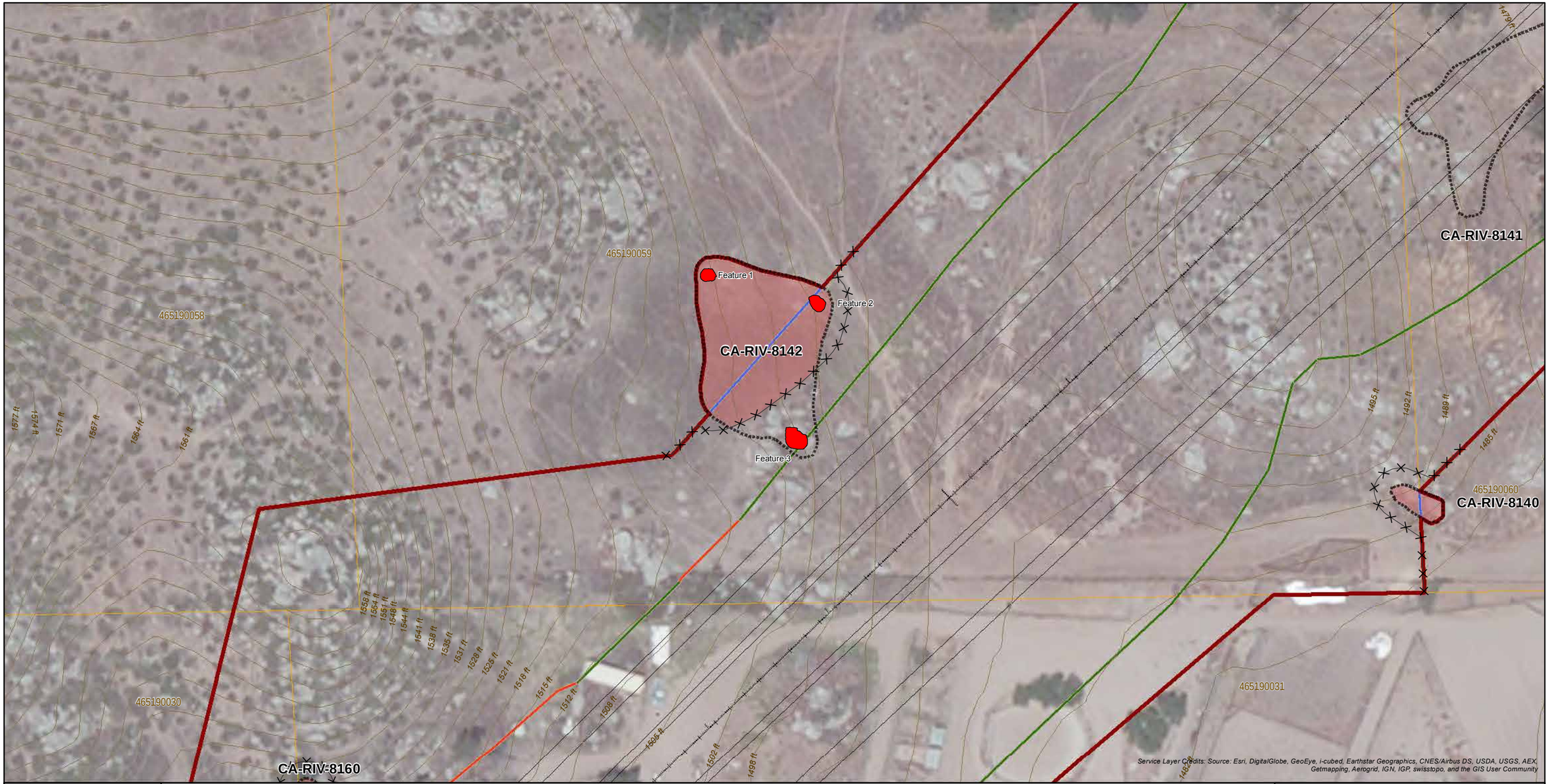
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

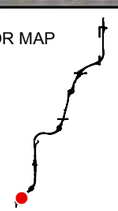
0 10 20 40 60 Feet

Appendix A
Figure A-6
ESA at CA-RIV-8141

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



LOCATOR MAP



N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

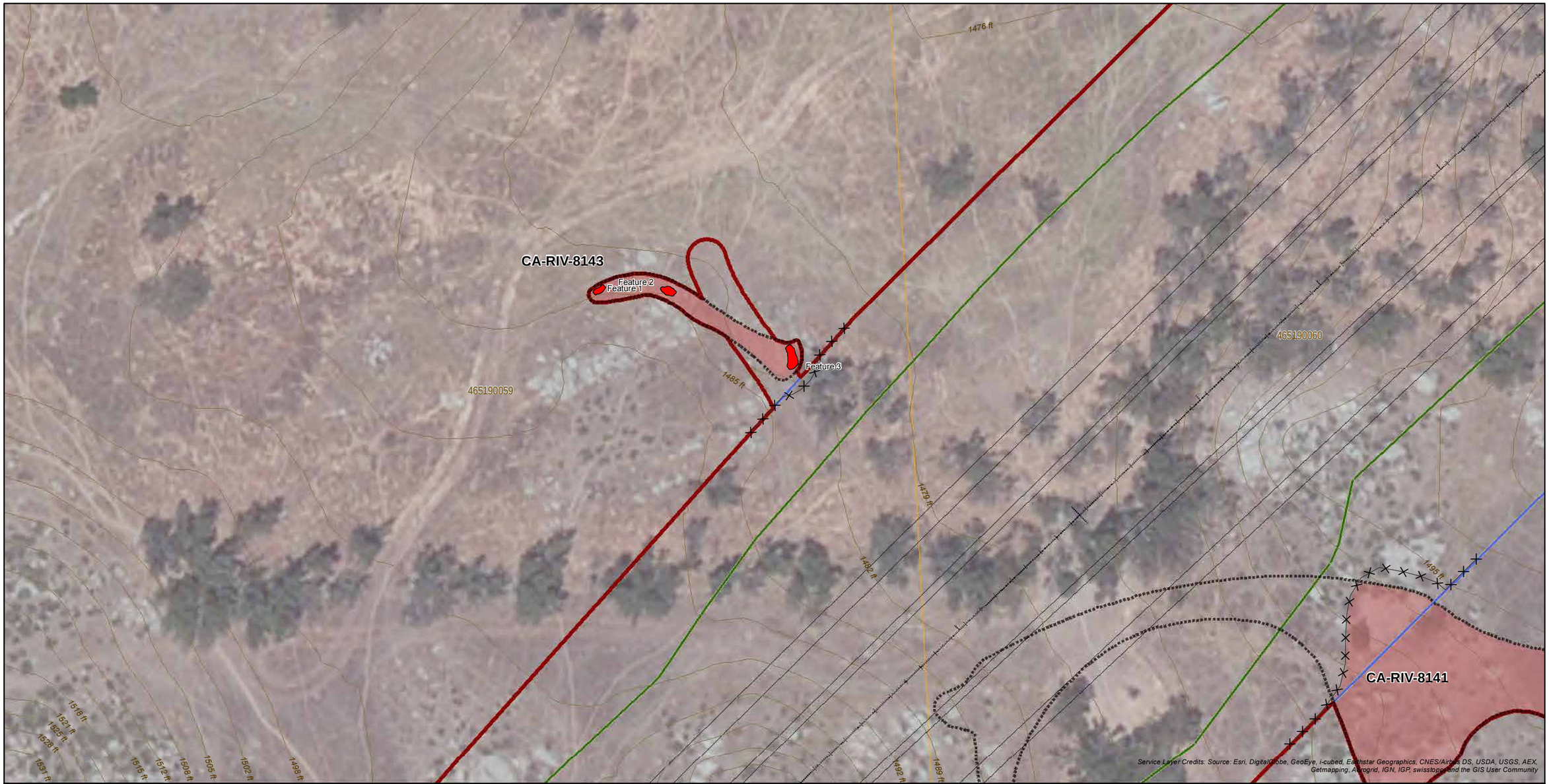
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-7
ESA at CA-RIV-8142

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

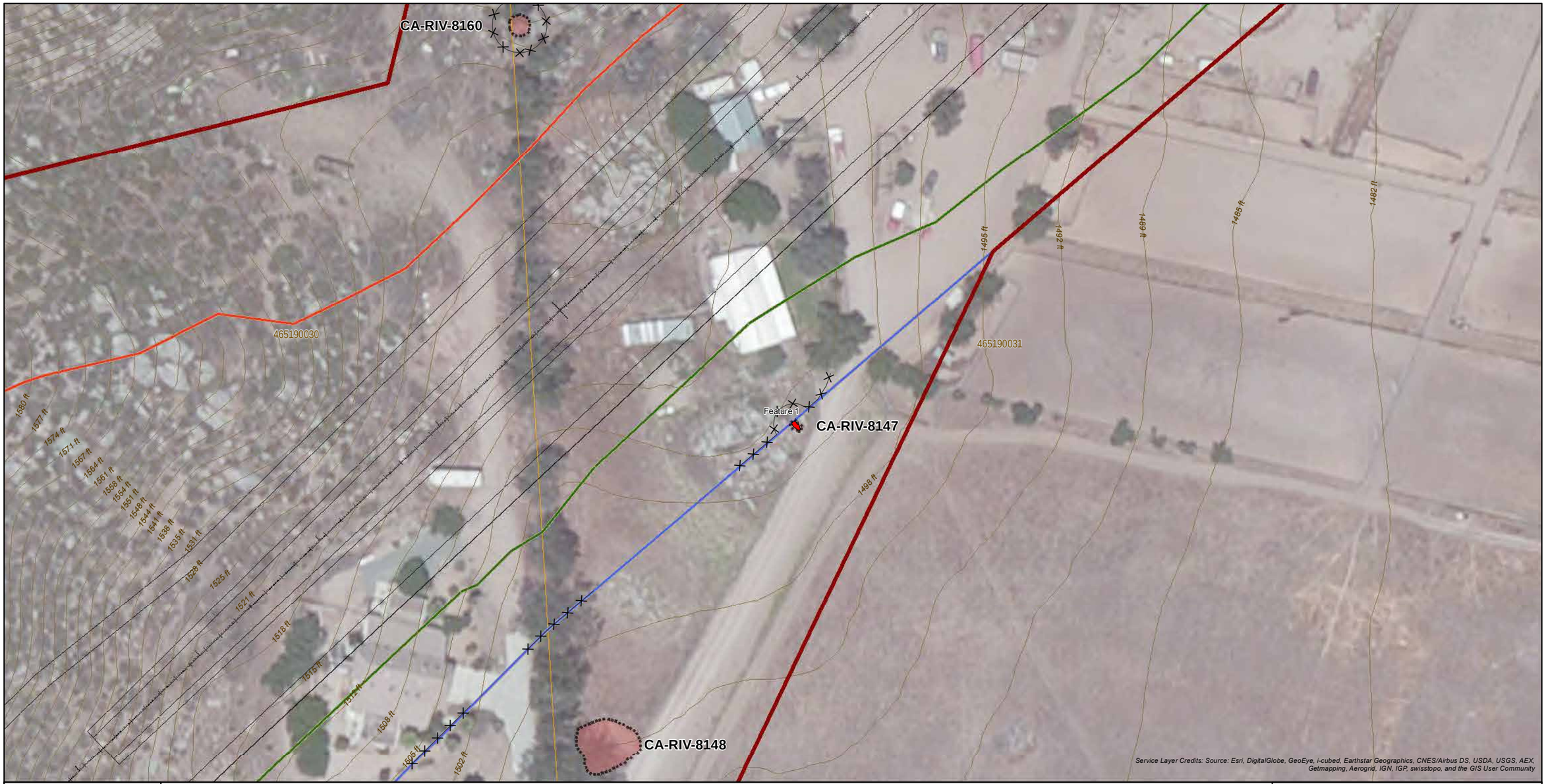
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-8
ESA at CA-RIV-8143

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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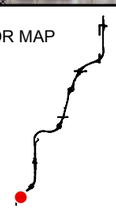

N

Legend

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- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-9
ESA at CA-RIV-8147

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

LOCATOR MAP

N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

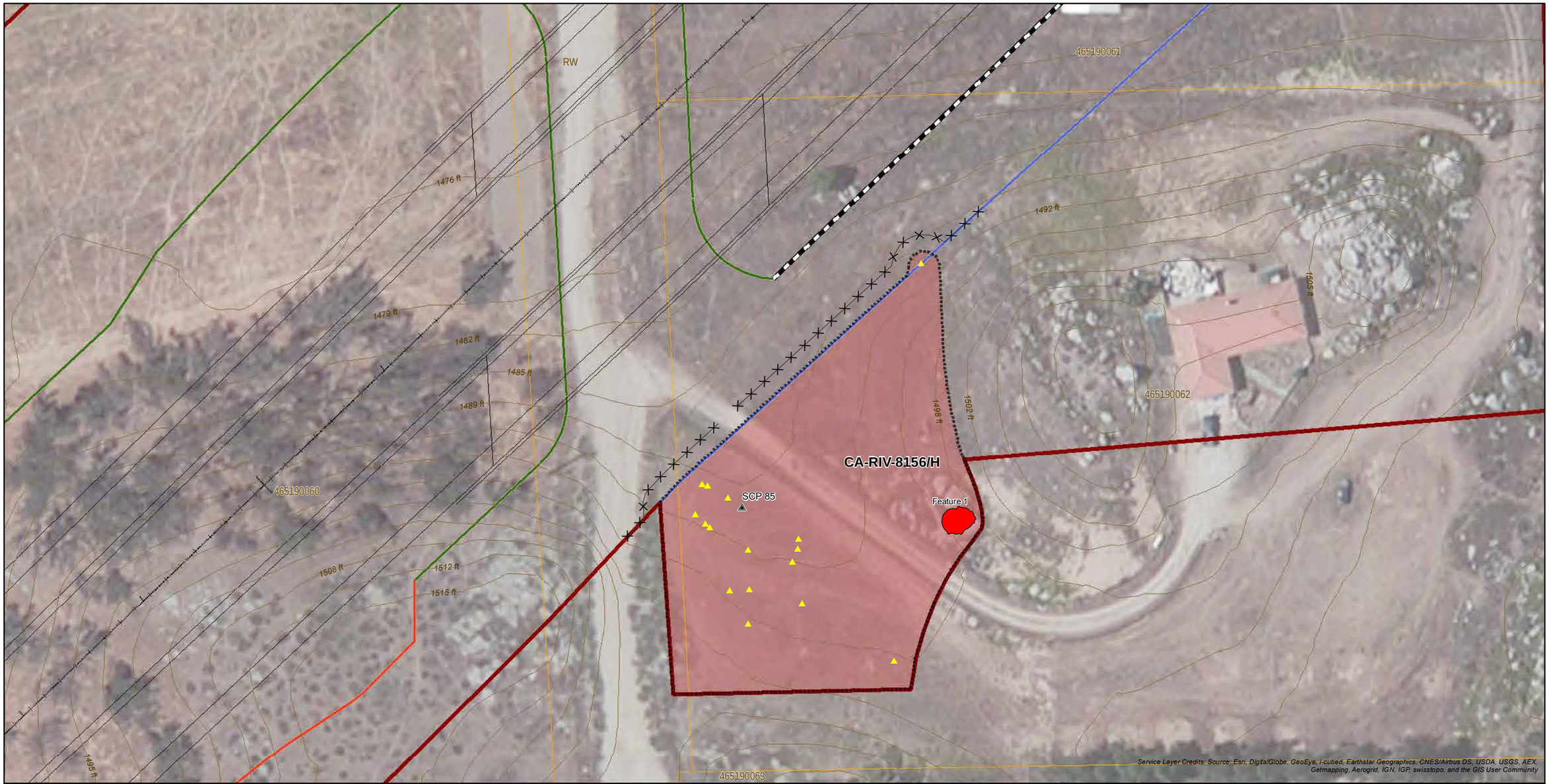
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-10
ESA at CA-RIV-8148

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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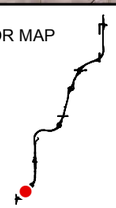


N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

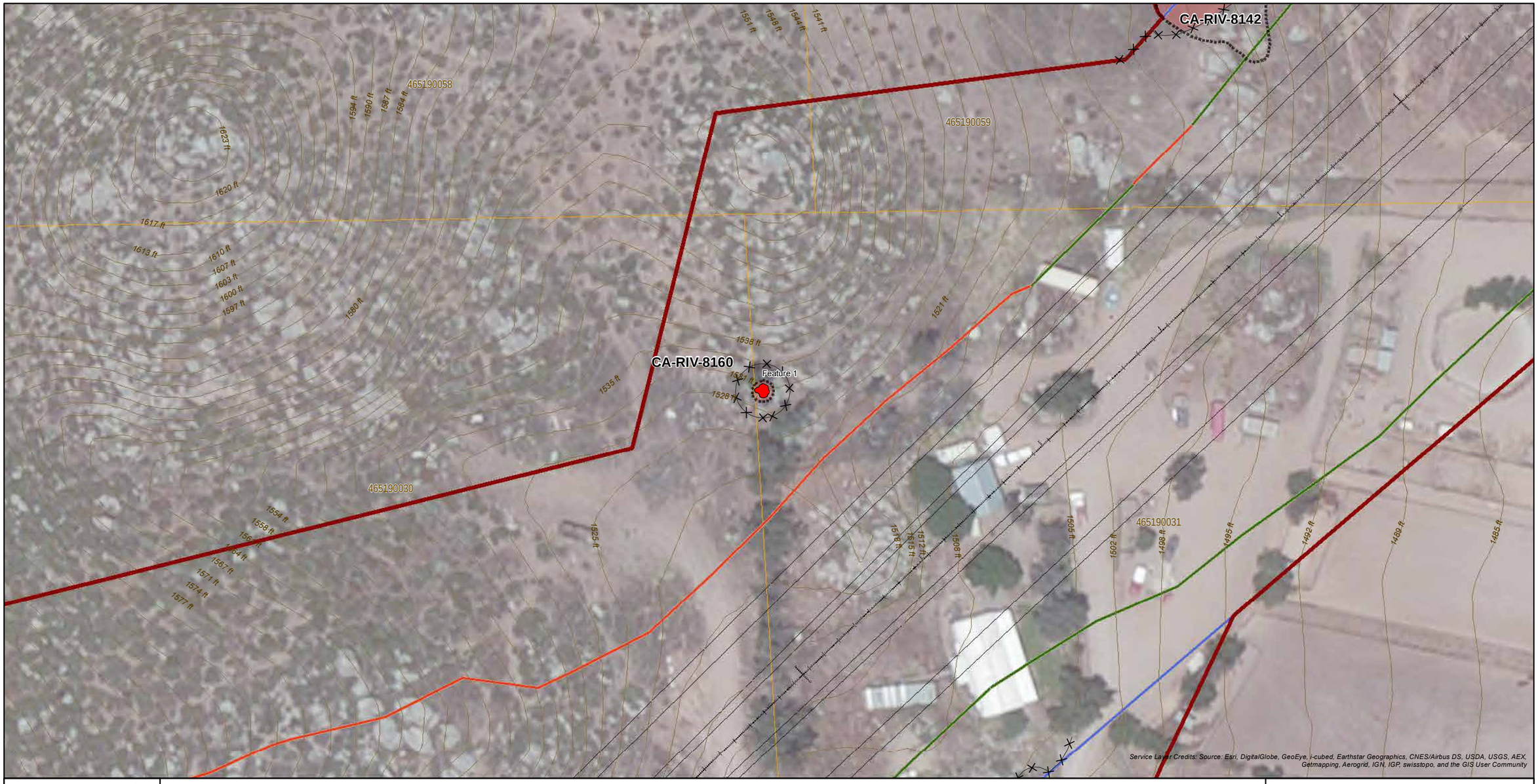
SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

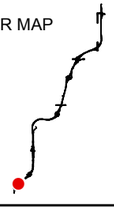
0 10 20 40 60 Feet

Appendix A
Figure A-11
ESA at CA-RIV-8156/H

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



LOCATOR MAP



N

Legend

- Prehistoric Artifact (not collected)
- Prehistoric Artifact (previously collected)
- Bedrock Milling Feature
- Prehistoric Archaeological Site Boundary (or Prehistoric Site Component)
- Environmentally Sensitive Area (ESA)
- Barrier for Environmentally Sensitive Area (ESA)
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Lines
- Edge Lines
- Fill Lines
- Striping
- Retaining Wall
- Contour Line

SCALE: 1:720

0 2.5 5 10 15 20 25 30 Meters

0 10 20 40 60 Feet

Appendix A
Figure A-12
ESA at CA-RIV-8160

ESA Action Plan
State Route 79 Realignment Project
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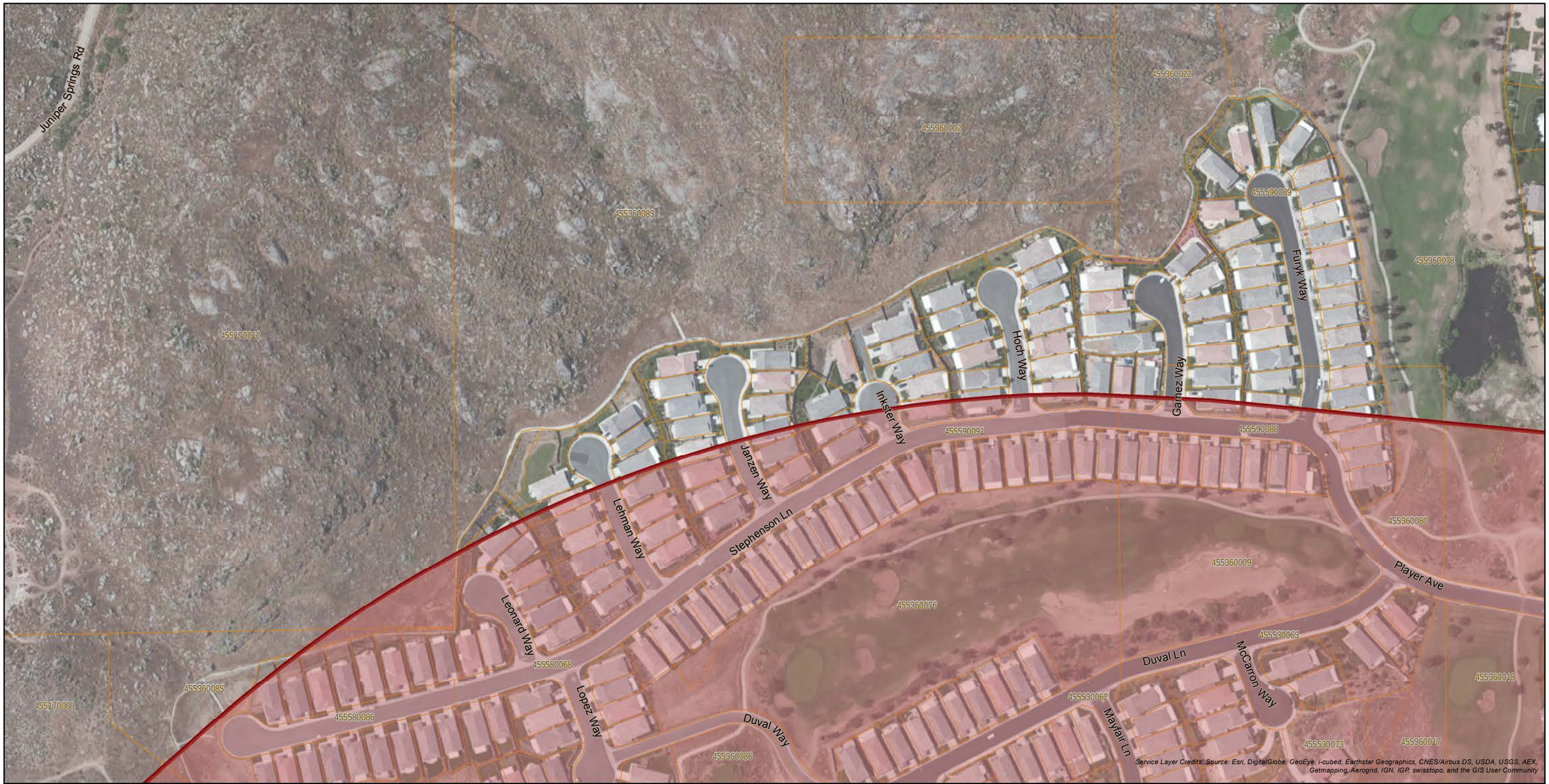
APPENDIX B

TCP ESA FIGURES



MAP GRID

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		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-1
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

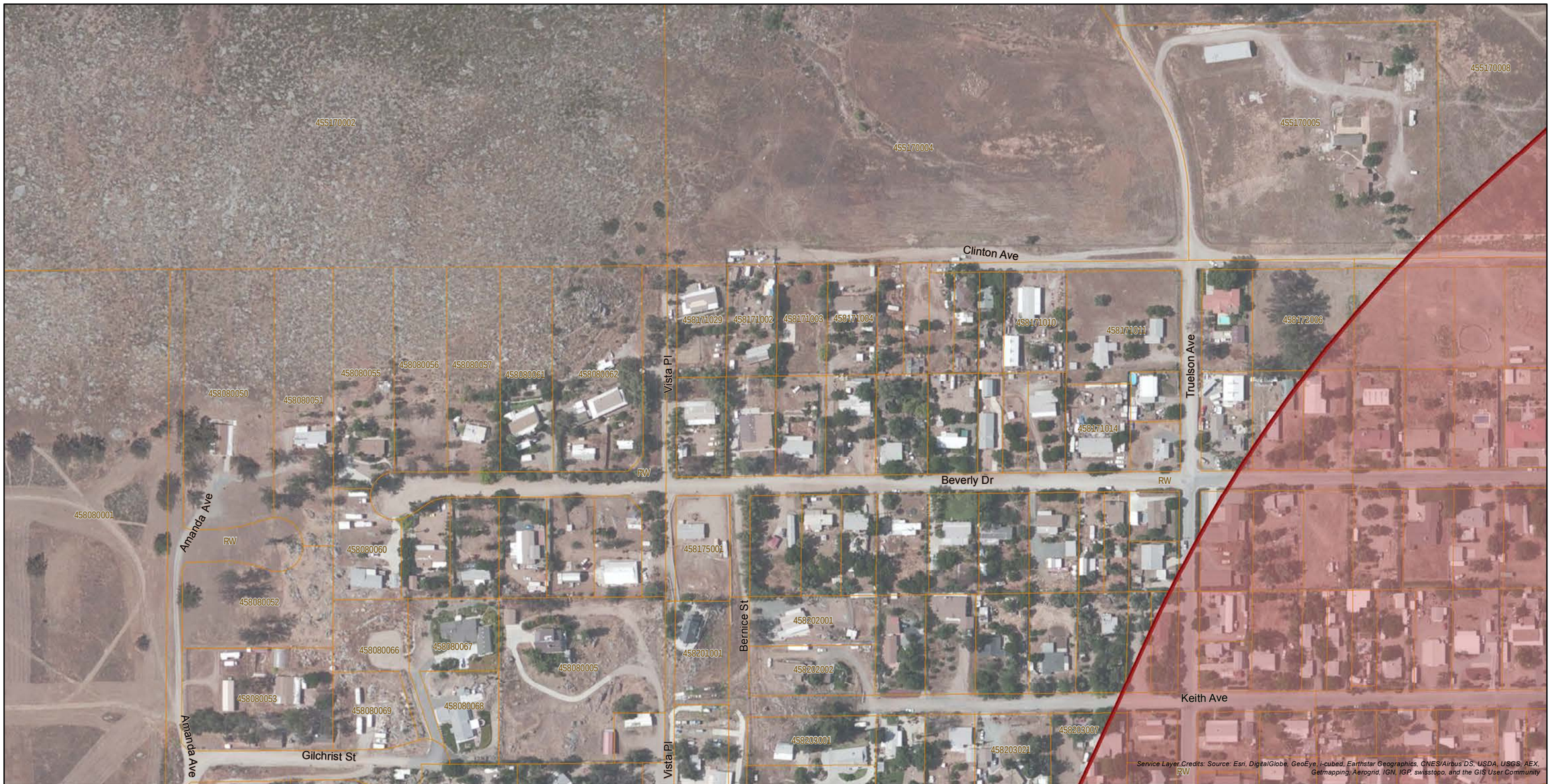
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-2
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



MAP GRID

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22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-3
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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		6	7	8	9
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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-4
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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		3	4	5	
		6	7	8	9
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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

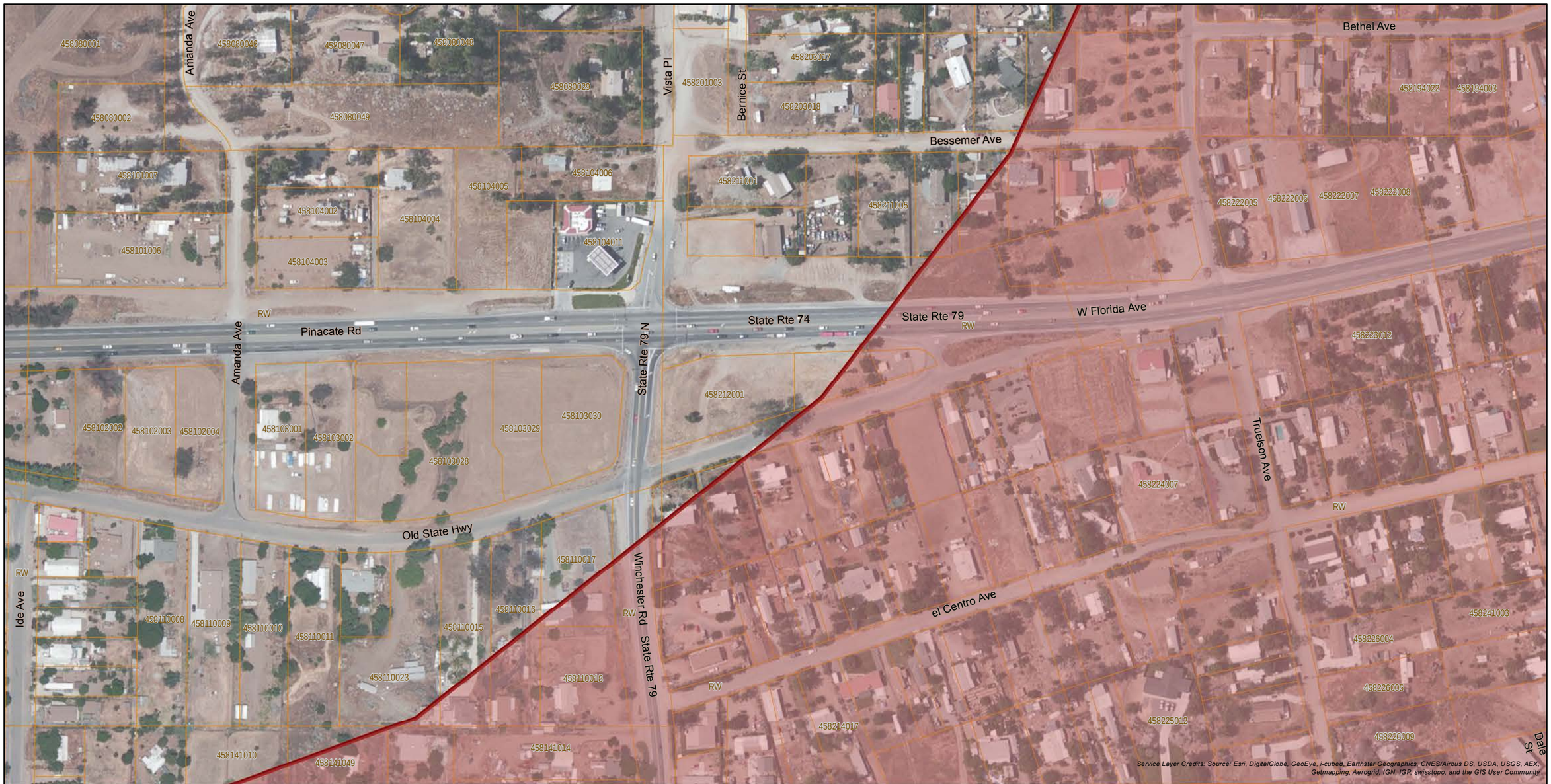
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-5
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

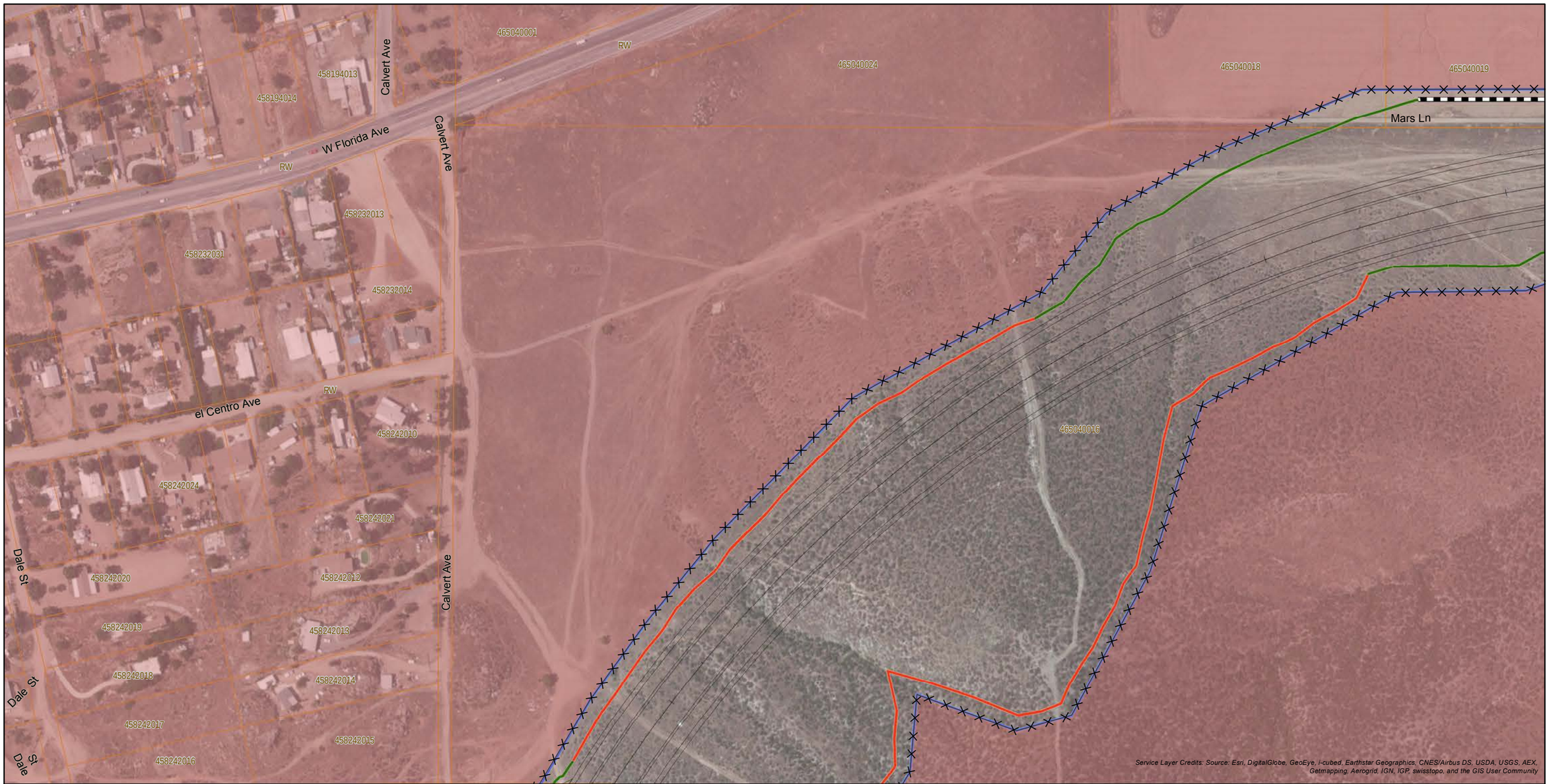
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-6
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

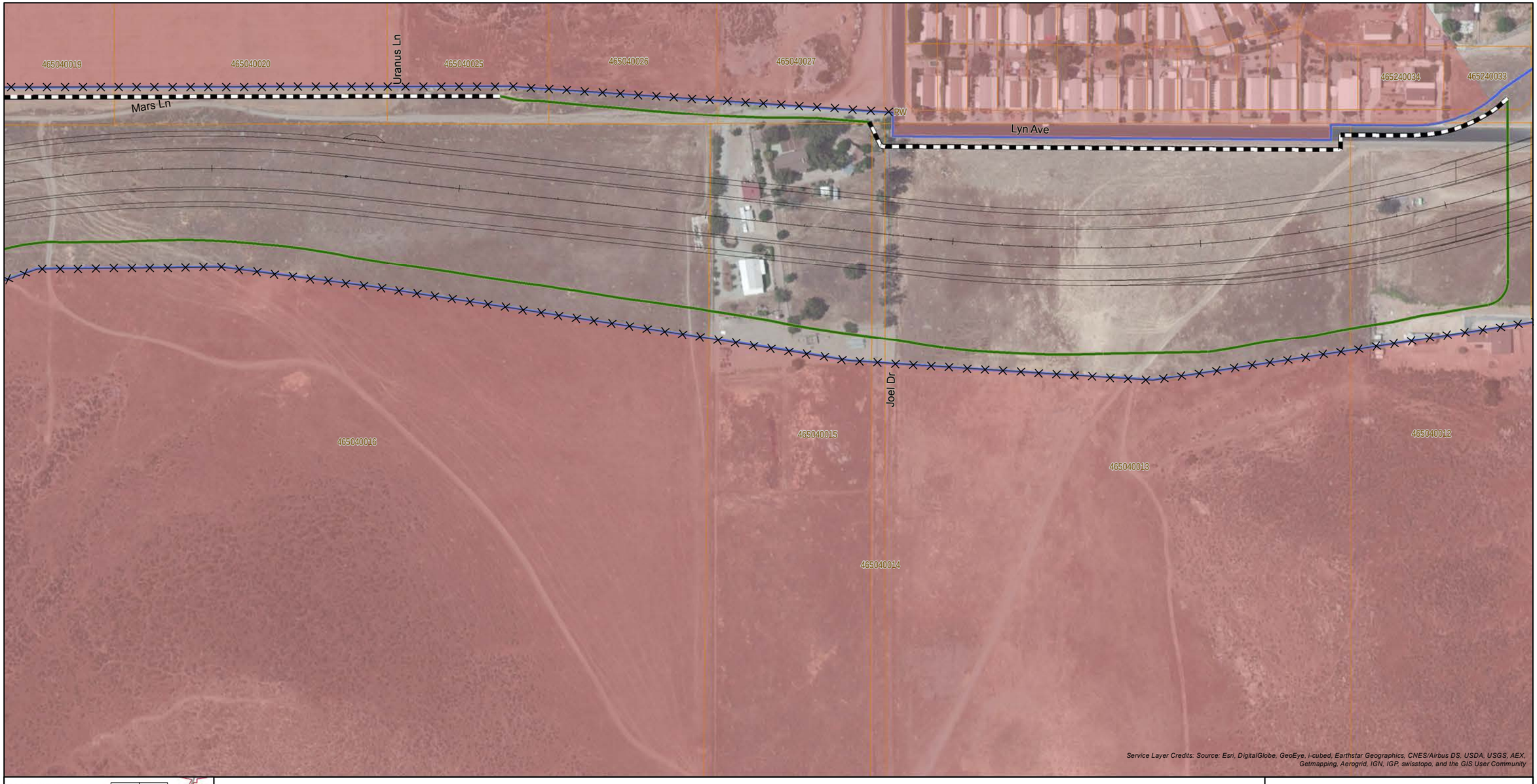
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-7
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

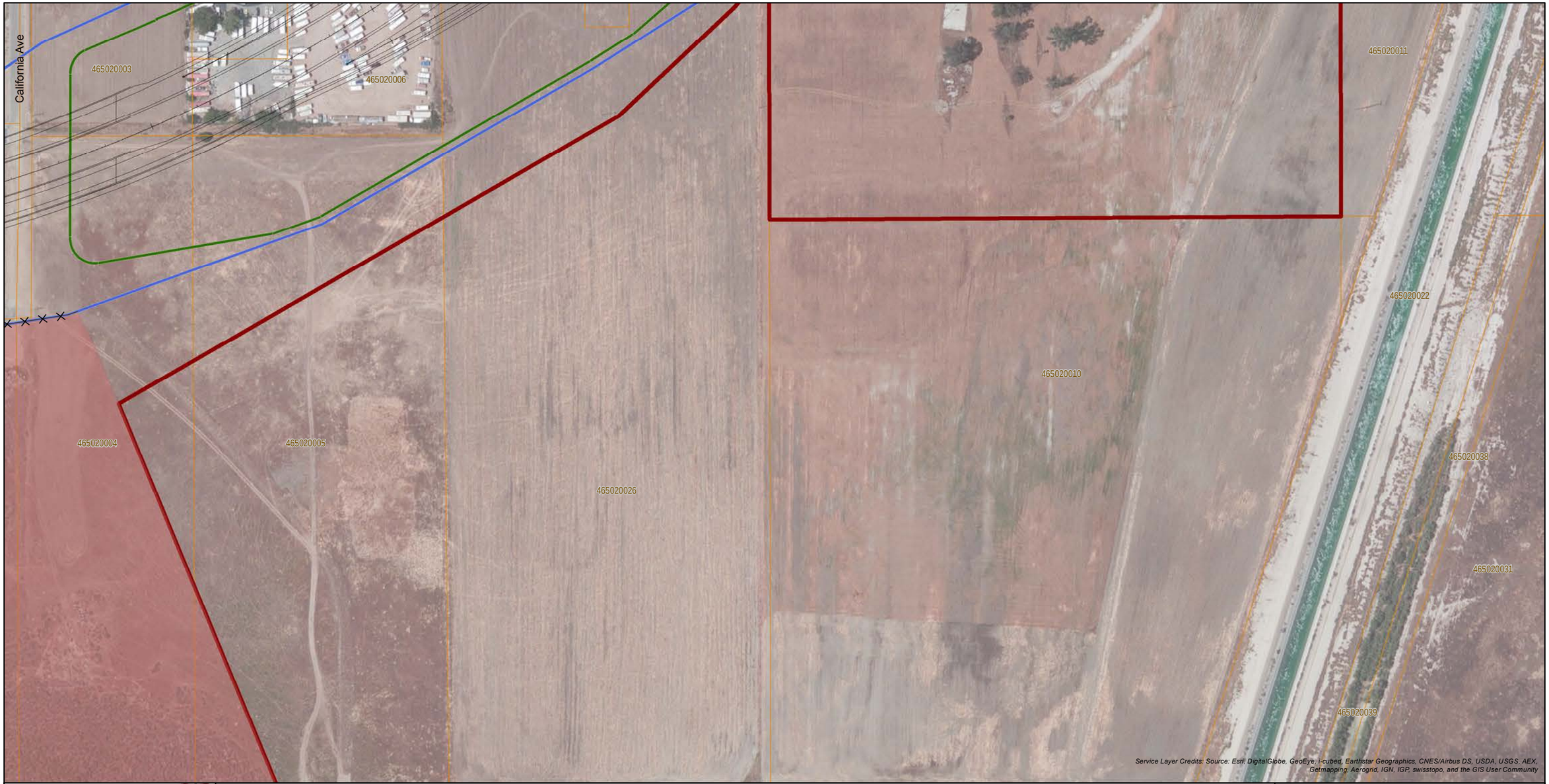
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-8
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

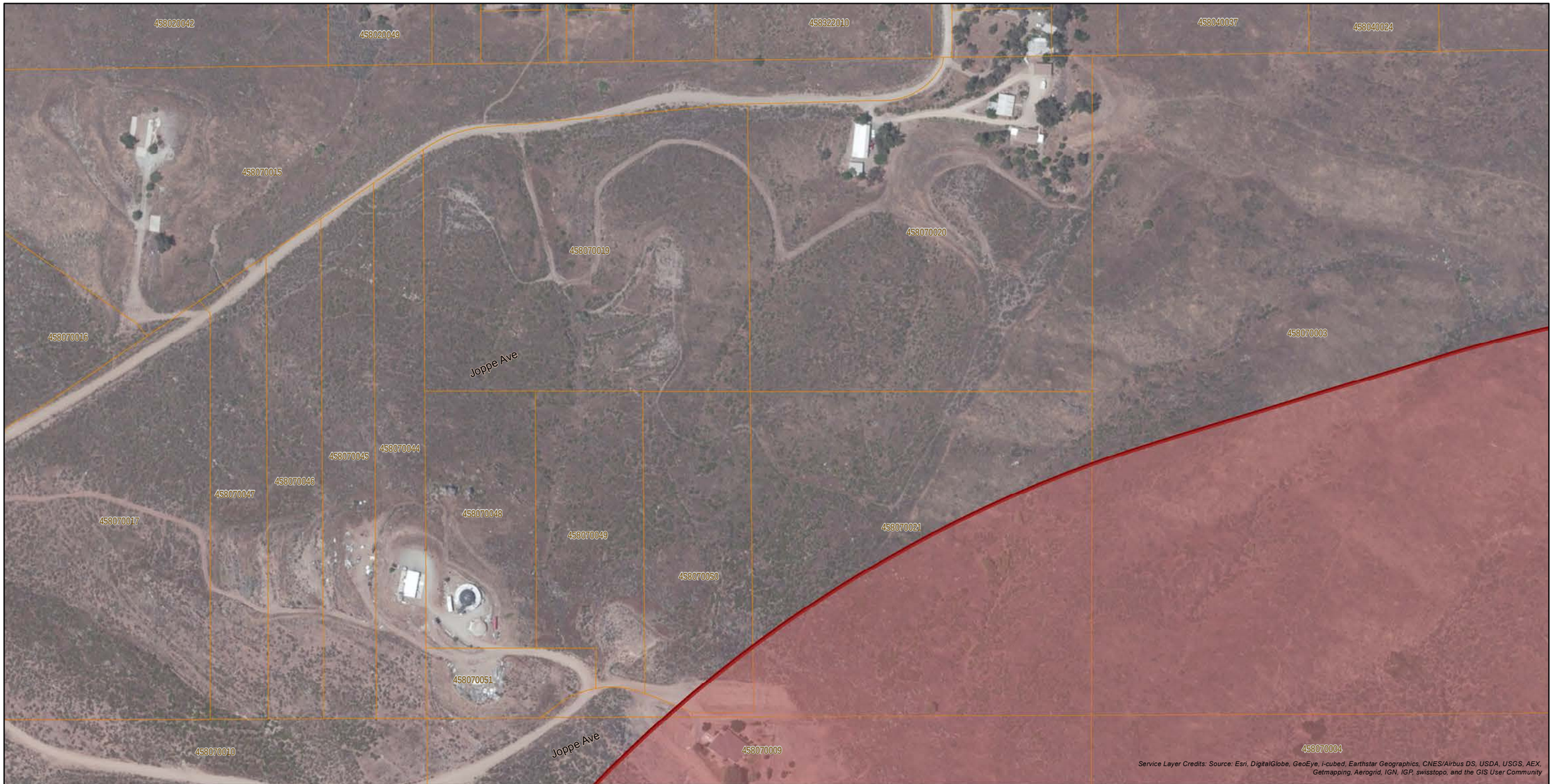
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-9
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

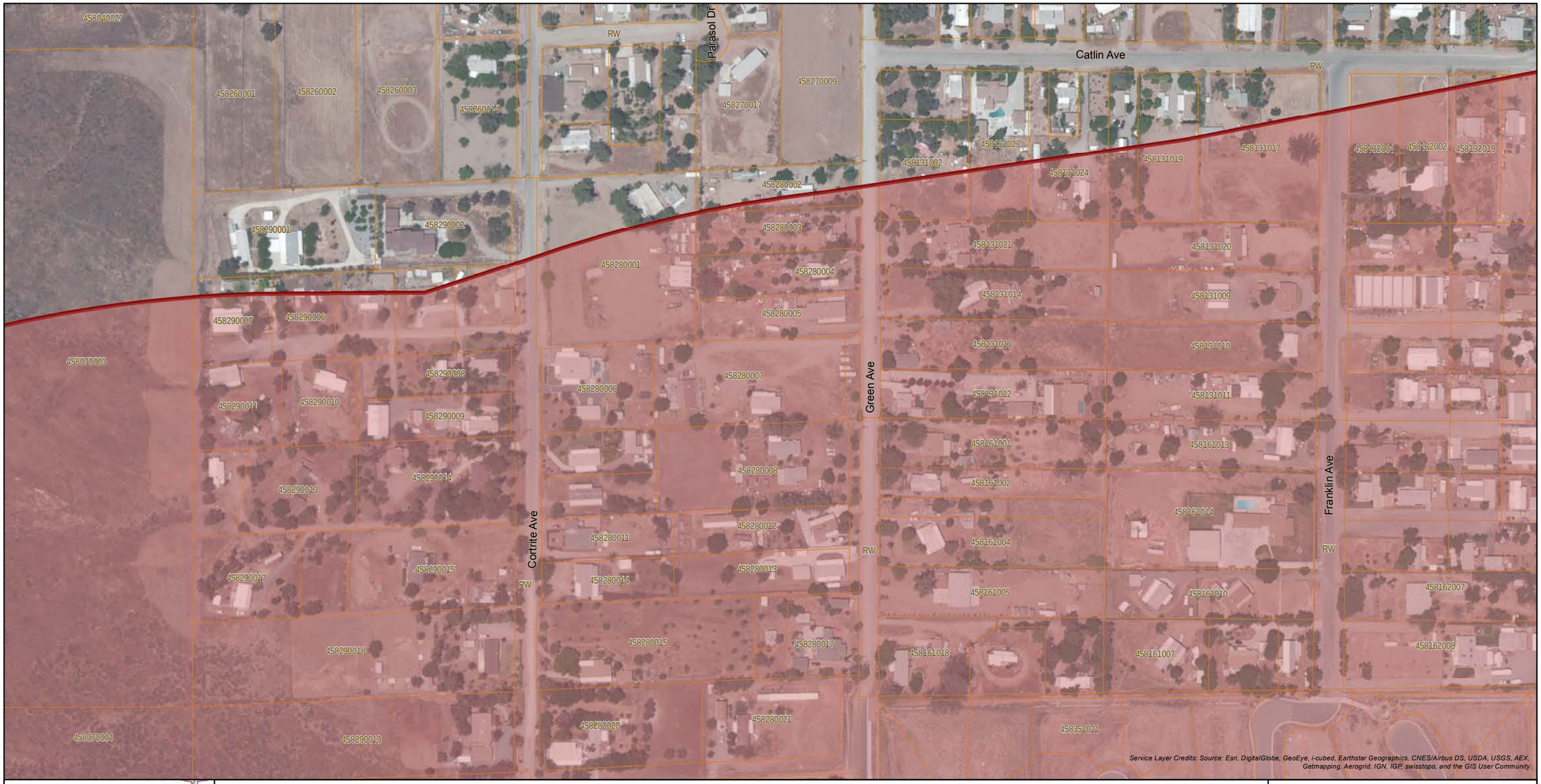
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-10
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-11
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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		3	4	5	
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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

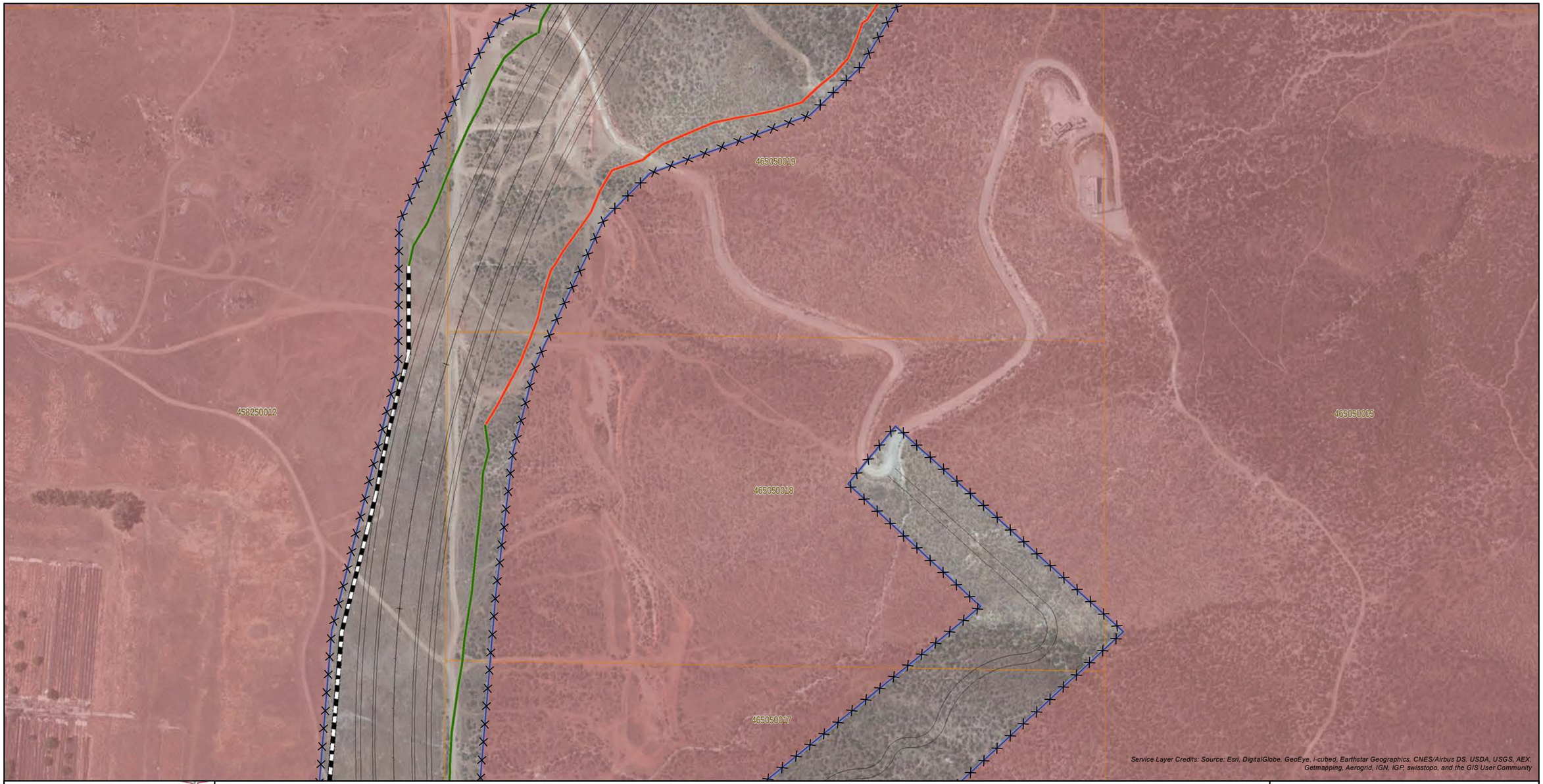
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-12
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



MAP GRID

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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-13
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

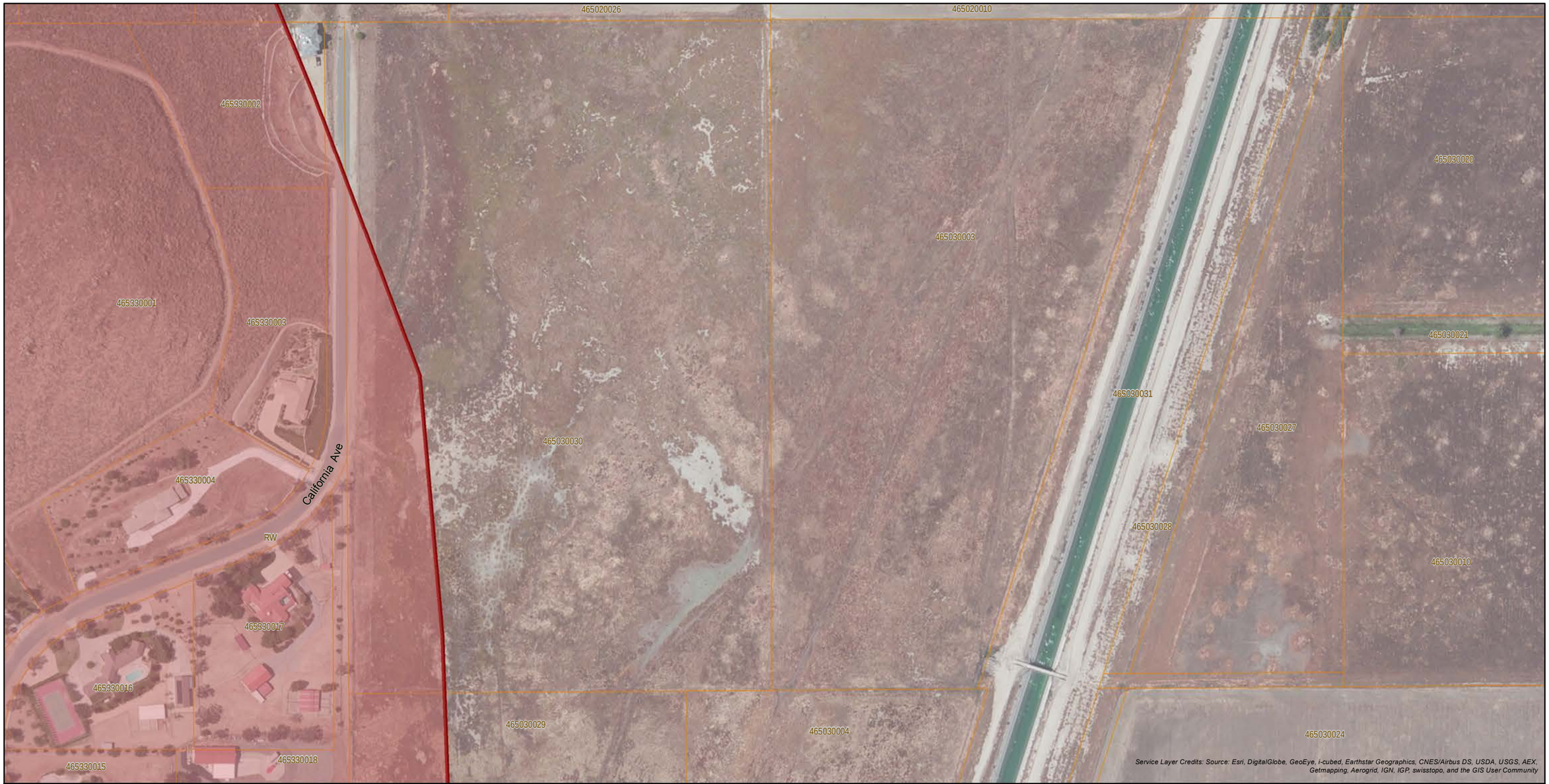
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-14
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

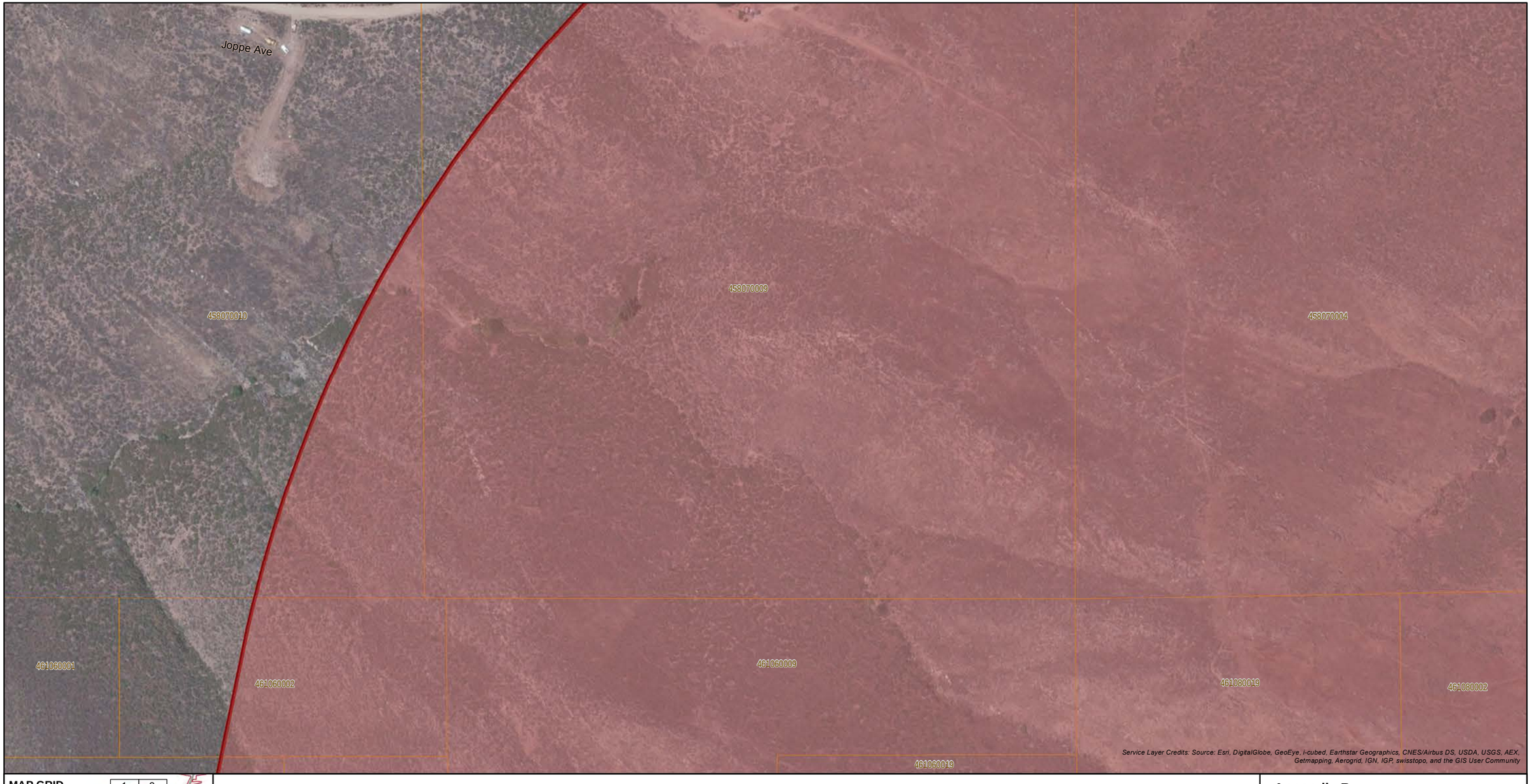
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-15
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-16
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-17
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

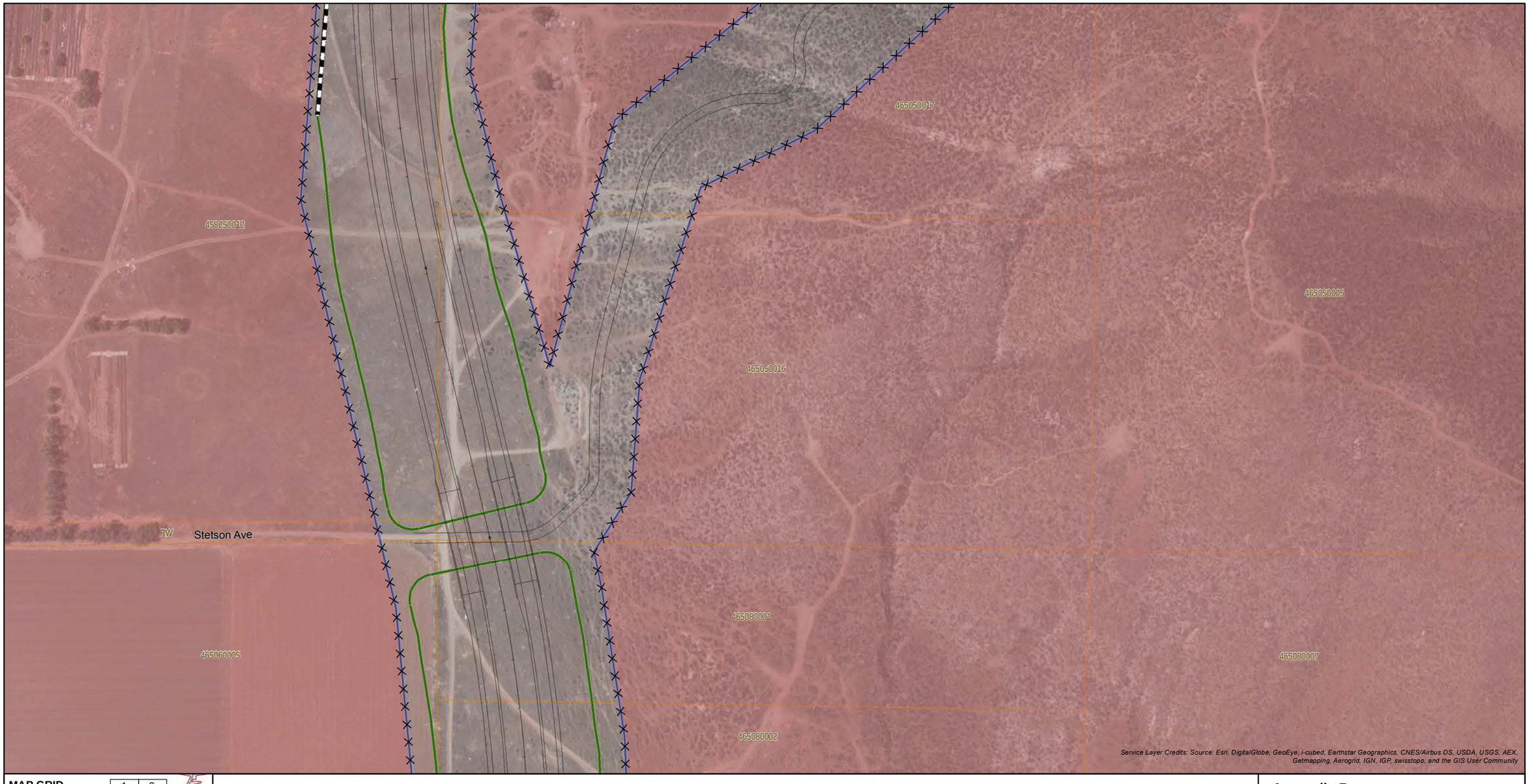
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-18
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-19
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

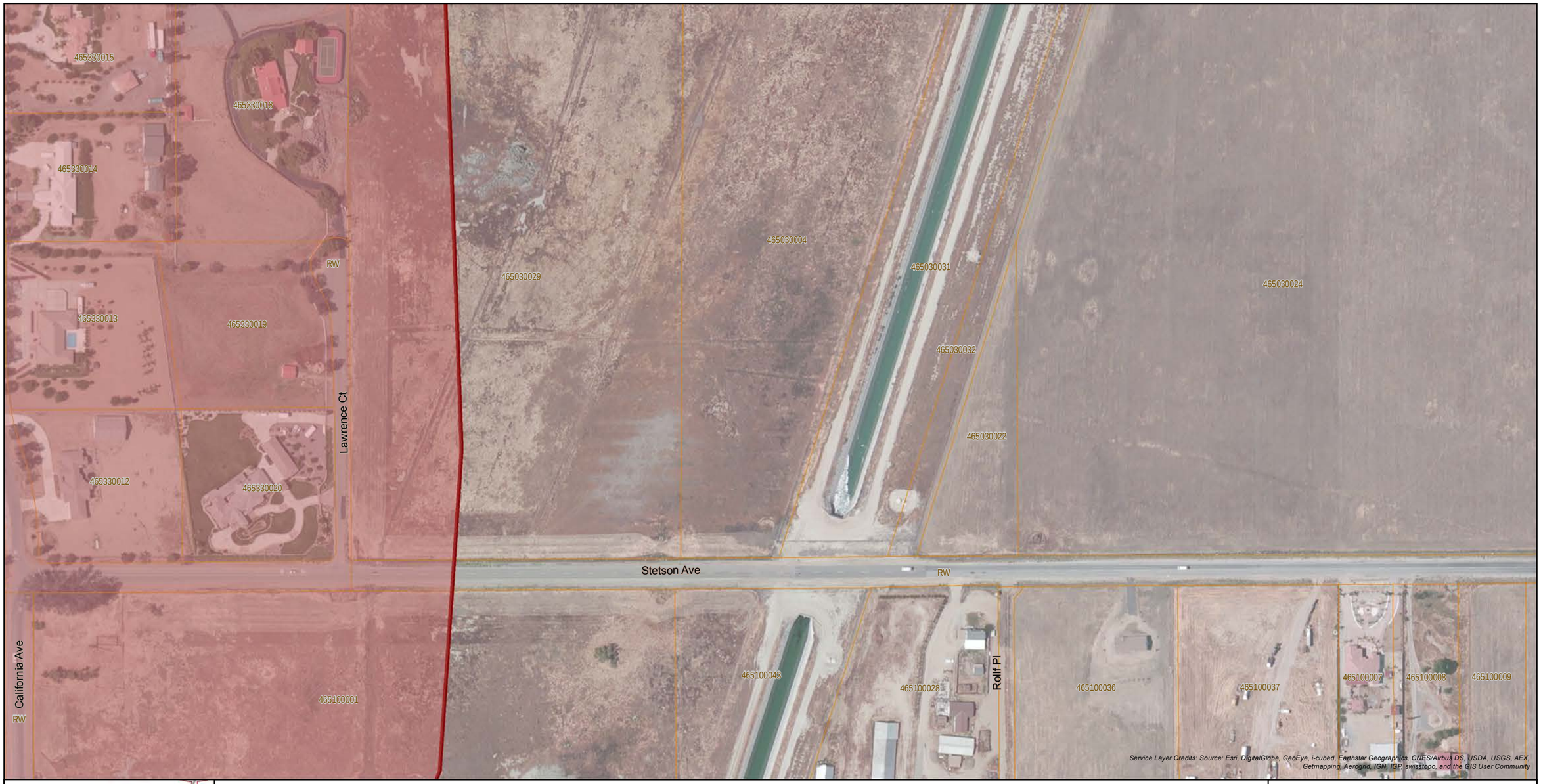
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-20
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

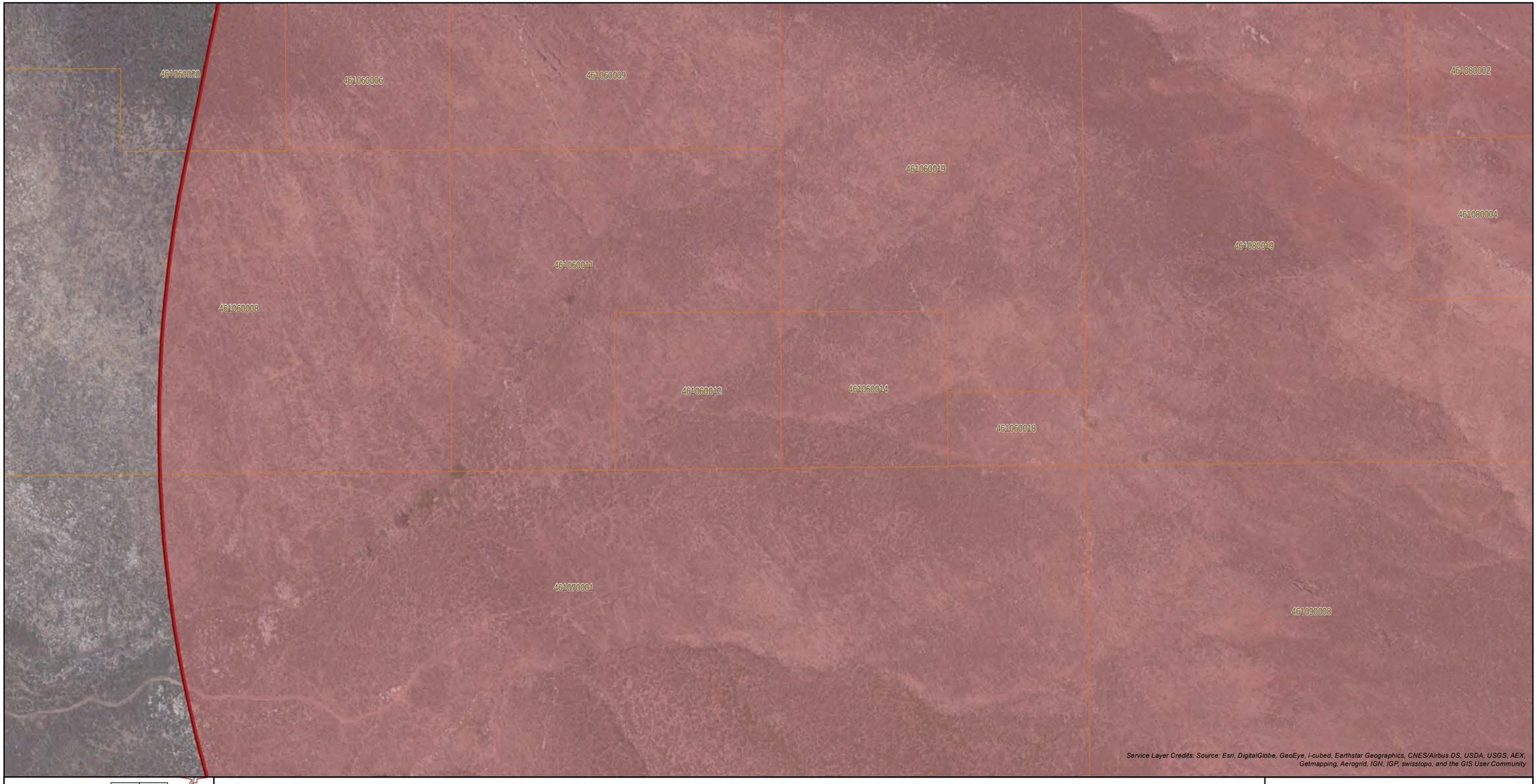
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-21
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

MAP GRID

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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-22
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

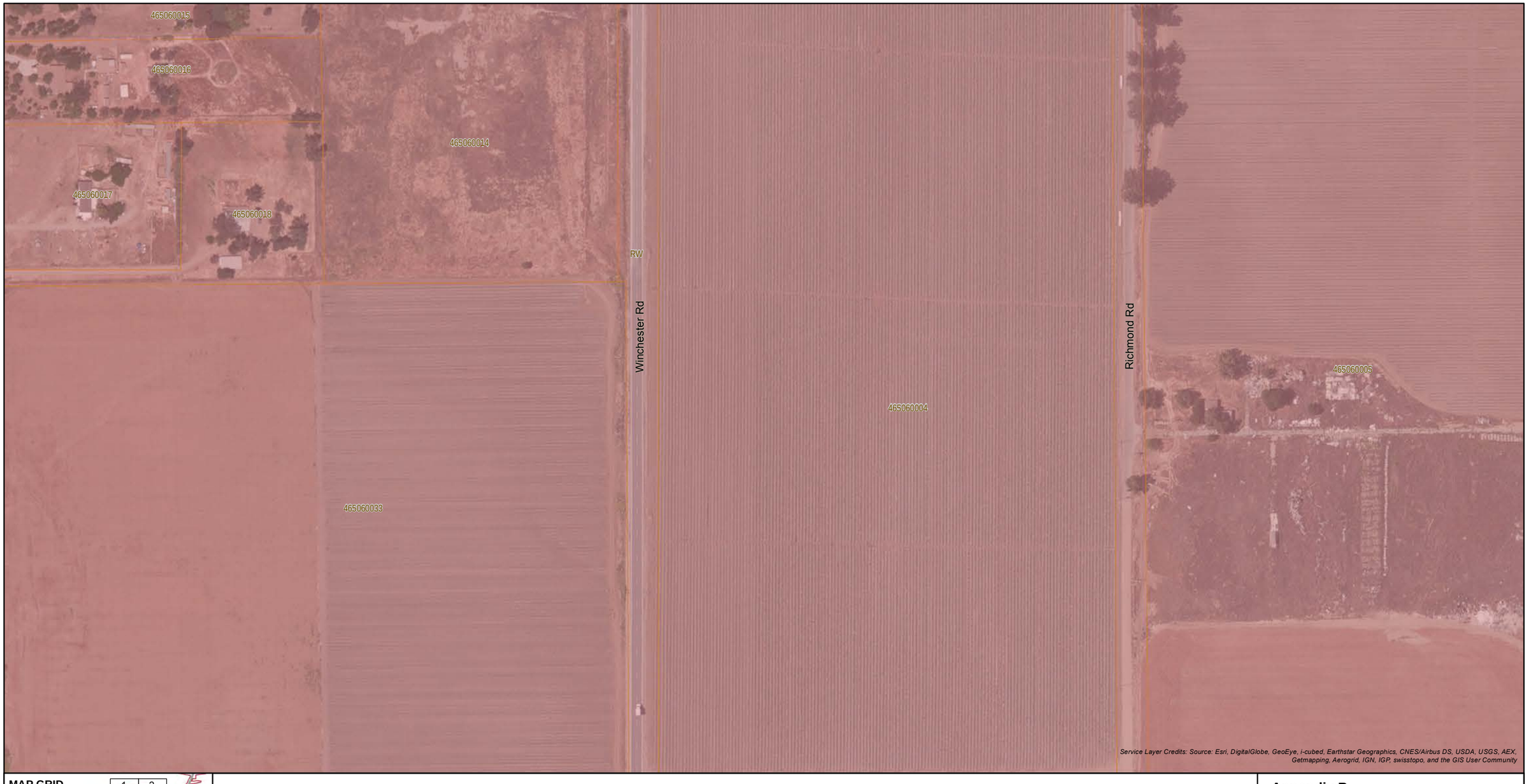
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-23
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

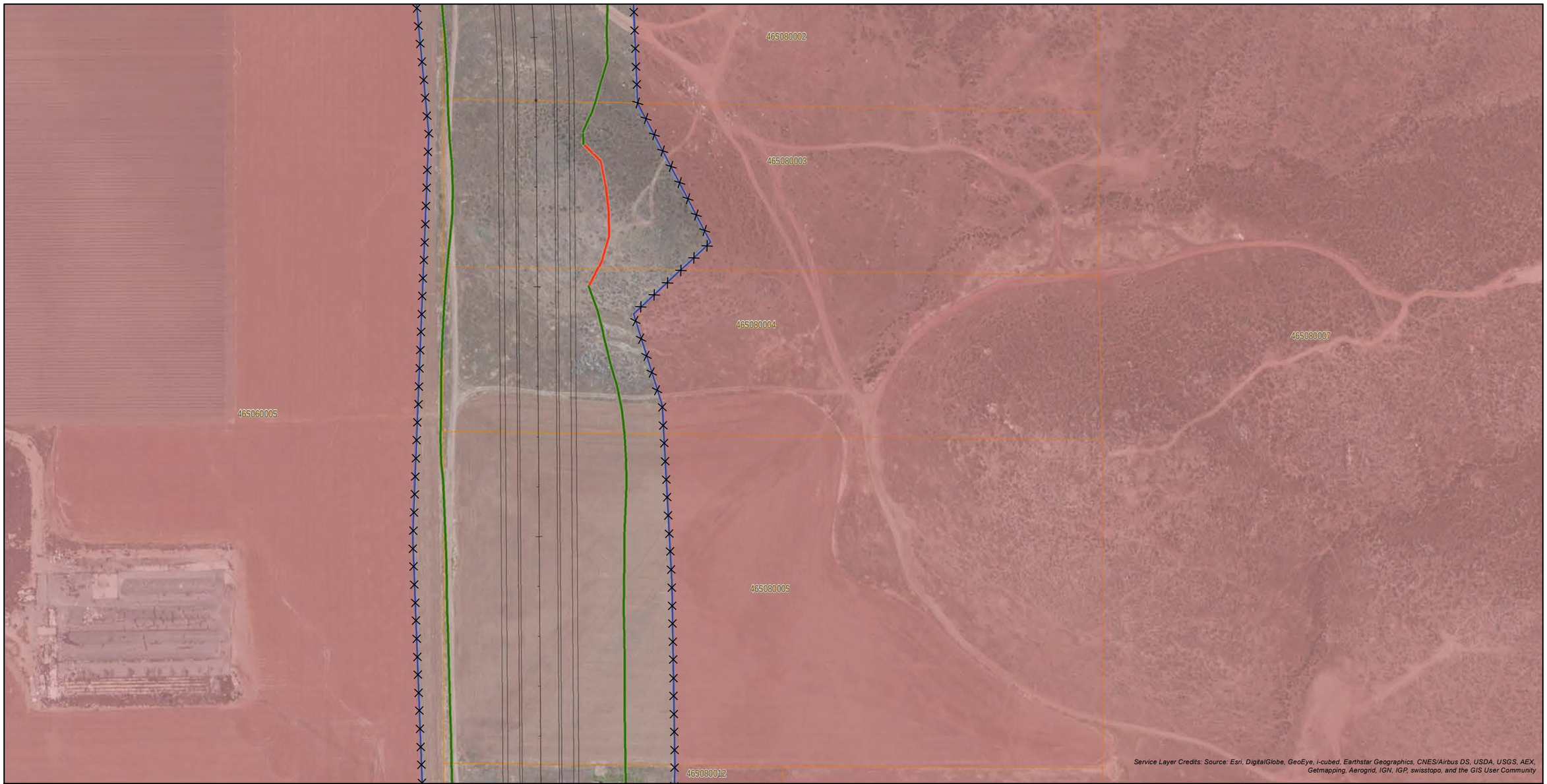
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-24
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



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28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

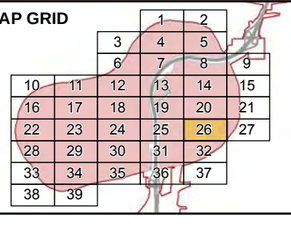
0 25 50 100 150 200 250 Feet

Appendix B
Figure B-25
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID



N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-26
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

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MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

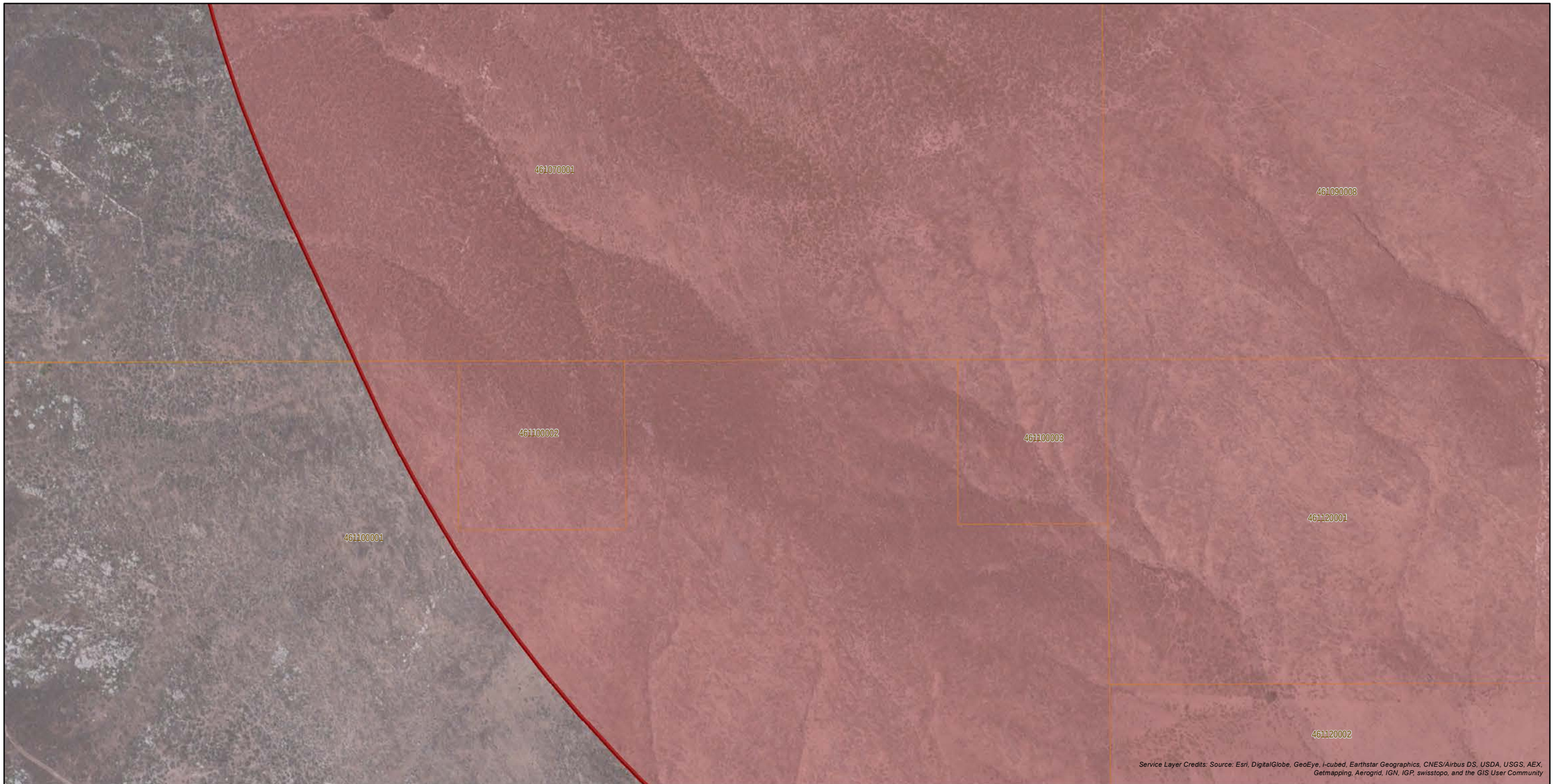
0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-27
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



MAP GRID

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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-28
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-29
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

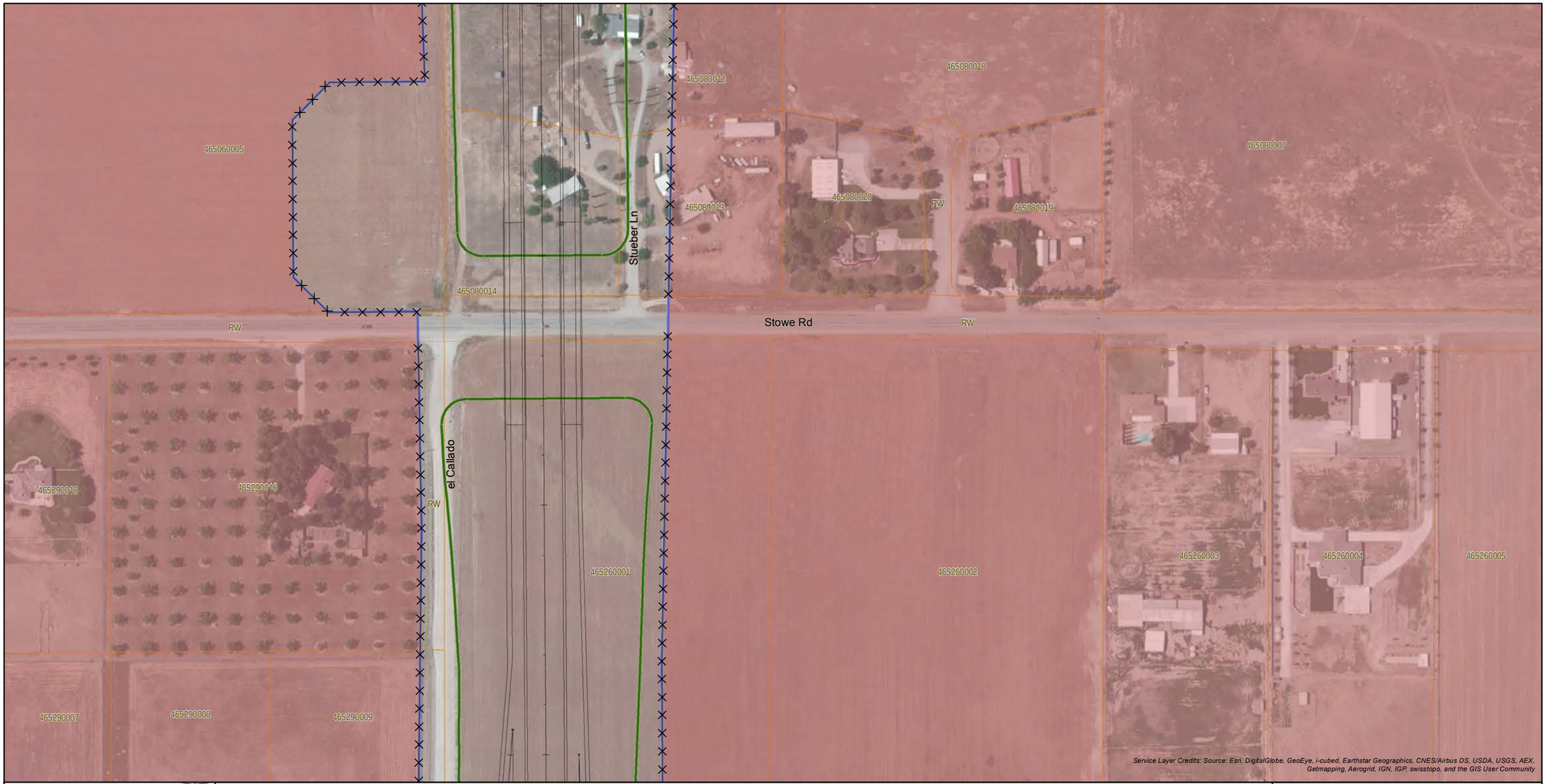
SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-30
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION



MAP GRID

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16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Edge Line
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-31
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
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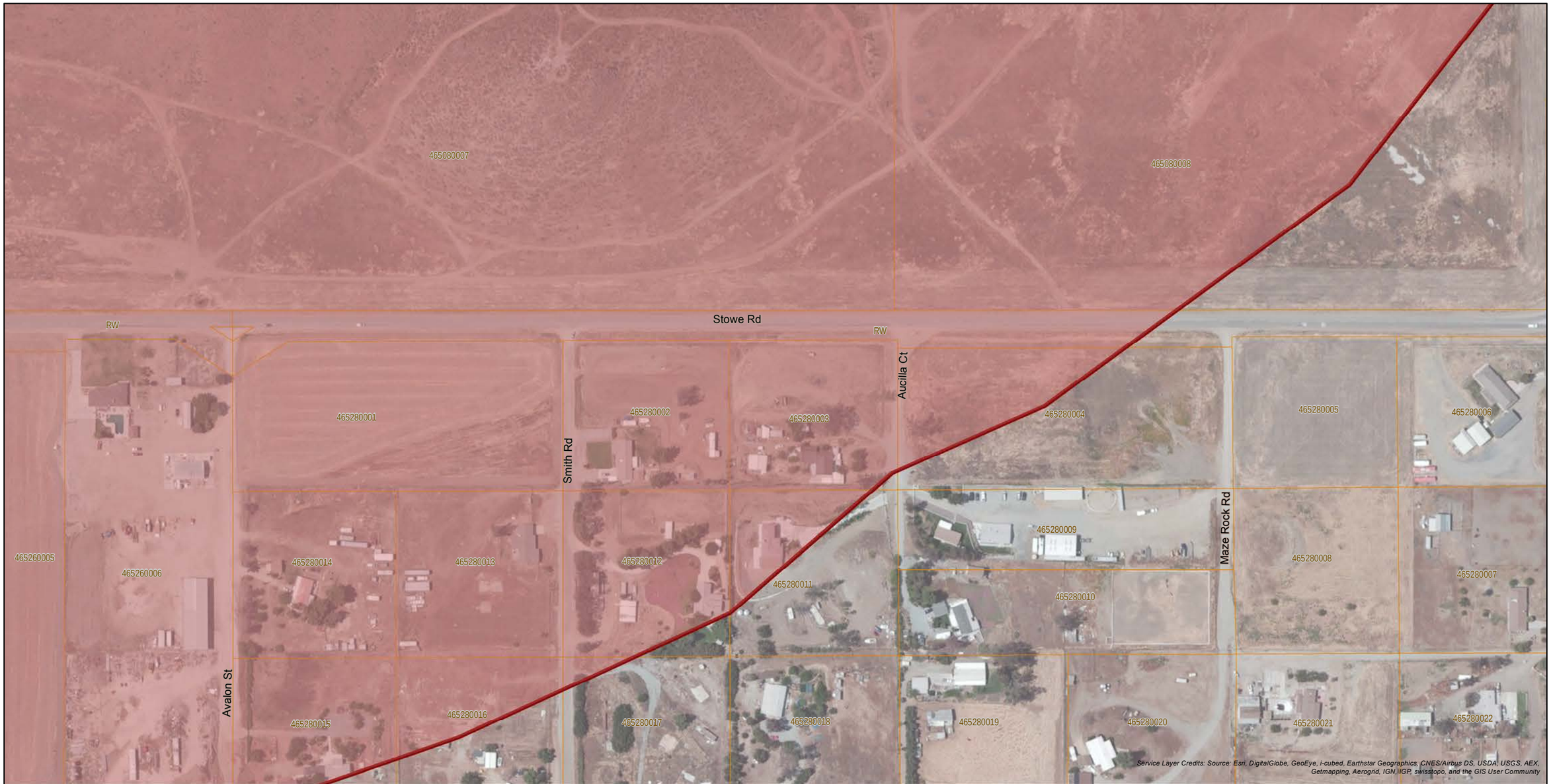

MAP GRID

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		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-32
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-33
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project

CONFIDENTIAL - NOT FOR PUBLIC CIRCULATION

MAP GRID

			1	2	
		3	4	5	
		6	7	8	9
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	
33	34	35	36	37	
38	39				

N

Legend

- Barrier for Environmentally Sensitive Area (ESA)
- ESA for Traditional Cultural Property
- Revised Area of Potential Effects (APE)
- Right-of-Way
- Parcel Boundary
- SR 79 Centerline
- Cut Line
- Fill Line
- Retaining Wall

SCALE: 1:2,400

0 10 20 40 60 80 100 120 Meters

0 25 50 100 150 200 250 Feet

Appendix B
Figure B-34
ESA Barrier for the TCP

ESA Action Plan
State Route 79 Realignment Project
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