

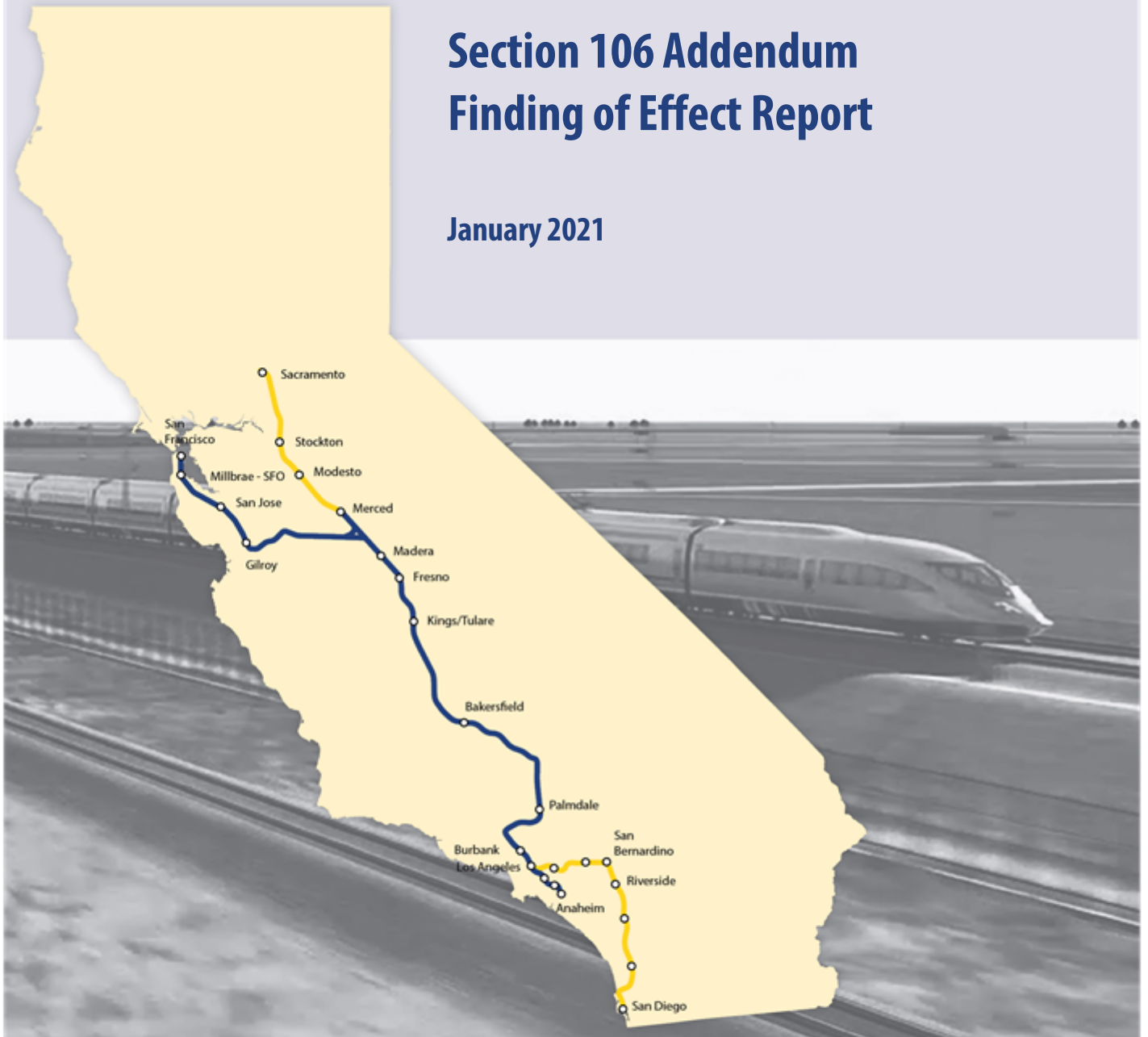
California High-Speed Rail Authority

# *Bakersfield to Palmdale*

## *Project Section*

### Section 106 Addendum Finding of Effect Report

January 2021



The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad Administration and the State of California.

**This page intentionally left blank**



## **Bakersfield to Palmdale Project Section**

# **SECTION 106 ADDENDUM FINDING OF EFFECT REPORT**

***Prepared for:***

California High-Speed Rail Authority  
355 S Grand Avenue, Suite 2050  
Los Angeles, California 90071

***Prepared by:***

JRP Historical Consulting, LLC  
2850 Spafford Street  
Davis, California 95618  
(530) 757-2521

LSA Associates, Inc.  
20 Executive Park, Suite 200  
Irvine, California 92614  
(949) 553-0666

January 2021

**This page intentionally left blank**

# TABLE OF CONTENTS

ACRONYMS AND ABBREVIATIONS..... ix

1 SUMMARY OF FINDINGS OF EFFECT .....1-1

    1.1 Findings for Section 106 Cultural Resources..... 1-1

2 DESCRIPTION OF UNDERTAKING .....2-1

    2.1 Design Revisions to Address Public Review Comments ..... 2-1

        2.1.1 Kern Council of Governments/Greater Bakersfield  
                Separation of Grade District..... 2-1

        2.1.2 California Department of Transportation District 6..... 2-1

        2.1.3 City of Tehachapi..... 2-1

        2.1.4 CalPortland Cement Company ..... 2-2

        2.1.5 U.S. Department of the Interior, Bureau of Land  
                Management..... 2-2

        2.1.6 City of Lancaster..... 2-2

        2.1.7 Los Angeles Department of Water and Power ..... 2-3

        2.1.8 California Department of Fish and Wildlife ..... 2-3

        2.1.9 Multiple Local Jurisdictions—Local Design Standards ..... 2-3

        2.1.10 Design Revisions to Reduce Environmental Impacts ..... 2-3

    2.2 Other Minor Design Revisions..... 2-4

    2.3 Avenue M Maintenance Facility..... 2-4

3 CONSULTATION AND PUBLIC OUTREACH .....3-1

    3.1 Potentially Interested Parties—Historic Architectural Resources ..... 3-1

    3.2 Summary of Public Participation, Historic Architectural Resources..... 3-1

    3.3 Outreach to Native American Representatives ..... 3-1

        3.3.1 Summary of Tribal Outreach Conducted to Date ..... 3-3

4 DESCRIPTION OF HISTORIC PROPERTIES, APPLICATION OF  
    CRITERIA OF ADVERSE EFFECT, AND CONDITIONS PROPOSED .....4-1

    4.1 Methodology ..... 4-1

        4.1.1 Criteria of Adverse Effect..... 4-1

    4.2 Built-Environment Historic Properties ..... 4-5

        4.2.1 Big Creek Hydroelectric System Historic District (BCHSHD)..... 4-6

        4.2.2 La Paz ..... 4-10

        4.2.3 Keene Fire Station (Kern County Fire Station 11) ..... 4-10

        4.2.4 First Los Angeles Aqueduct, Segment of Linear Property ..... 4-11

        4.2.5 Willow Springs International Raceway ..... 4-14

        4.2.6 Lancaster Post Office Building ..... 4-15

        4.2.7 Western Hotel Building ..... 4-19

        4.2.8 Denny’s Restaurant Building..... 4-23

        4.2.9 332 W Lancaster Boulevard..... 4-24

        4.2.10 44847 Trevor Avenue ..... 4-28

        4.2.11 Cedar Avenue Historic District / Cedar Avenue Complex..... 4-32

    4.3 Archaeological Historic Properties..... 4-34

        4.3.1 P-15-001042/CA-KER-1042 ..... 4-35

        4.3.2 P-15-016253/CA-KER-486H..... 4-35

    4.4 Application of the Criteria of Adverse Effects: Archaeological Historic  
        Properties..... 4-35

5 CONCLUSION .....5-1

6	REFERENCES .....	6-1
7	PREPARERS' QUALIFICATIONS .....	7-1

## Tables

Table 1-1	Bakersfield to Palmdale Project Section 106 Activities .....	1-2
Table 1-2	Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect .....	1-2
Table 4-1	Adverse Effects in Code of Federal Regulations Title 36, Part 800.5(a)(2) .....	4-1
Table 4-2	Vibration Source Levels for Construction Equipment.....	4-4
Table 4-3	Construction Vibration Damage Criteria .....	4-4
Table 4-4	Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect .....	4-5
Table 5-1	Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect .....	5-1
Table 5-2	Summary of VERs Addendum Section 106 Effects Findings for Additional Archaeological Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect .....	5-2

## Figures

Figure 4-1	Comparison of Typical Maximum Sound Levels.....	4-3
Figure 4-2	Big Creek Hydroelectric System Historic District .....	4-6
Figure 4-3	Magunden Substation and Vincent, Big Creek East, and Big Creek West Transmission Lines, East Bakersfield .....	4-7
Figure 4-4	Magunden Substation Vicinity, Existing Site—Camera Facing West.....	4-8
Figure 4-5	Magunden Substation Vicinity, Existing Site—Camera Facing West. The VERs would relocate the existing towers at left further south to make space for a traction power station. ....	4-8
Figure 4-6	Magunden Substation, Proposed Design—Option B. The VERs would relocate the existing towers at left further south to make space for a traction power station. ....	4-9
Figure 4-7	First Los Angeles Aqueduct .....	4-11
Figure 4-8	Los Angeles Aqueduct, Typical Segment West of Rosamond.....	4-12
Figure 4-9	First Los Angeles Aqueduct, Existing Site at Intersection with Trotter Avenue. Camera facing East, March 30, 2016.....	4-13
Figure 4-10	Lancaster Post Office Building .....	4-15
Figure 4-11	Lancaster Post Office, 567 W Lancaster Boulevard, Lancaster.....	4-16
Figure 4-12	Existing conditions on Lancaster Boulevard east of Beech Avenue.....	4-17

Figure 4-13 Visual Simulation of Lancaster Boulevard underpass from Beech Avenue facing east .....	4-17
Figure 4-14 Western Hotel.....	4-19
Figure 4-15 Western Hotel, 557 W Lancaster Boulevard, Lancaster.....	4-20
Figure 4-16 Existing Conditions on Lancaster Boulevard east of Beech Avenue .....	4-21
Figure 4-17 Visual Simulation of Lancaster Boulevard underpass from Beech Avenue facing east .....	4-21
Figure 4-18 332 W Lancaster Boulevard .....	4-24
Figure 4-19 332 W Lancaster Boulevard, Lancaster .....	4-25
Figure 4-20 Detail from Lancaster Blvd Undercrossing Plan drawing, in-progress draft, 10/15/2020. Source: TY Lin International, 2020 .....	4-26
Figure 4-21 44847 Trevor Avenue .....	4-28
Figure 4-22 Spanish Revival Residence at 44847 Trevor Avenue, Lancaster.....	4-29
Figure 4-23 Detail from Lancaster Blvd Undercrossing Plan drawing, in-progress draft, 10/15/2020. Source: TY Lin International, 2020 .....	4-30
Figure 4-24 Cedar Avenue Historic District / Cedar Avenue Complex.....	4-32
Figure 4-25 Cedar Avenue Historic District / Cedar Avenue Complex on the southwest corner of Cedar Avenue and West Lancaster Boulevard.....	4-33

## Appendices

Appendix A: Correspondence

Appendix B: California Historical Resource Status Codes

Appendix C: Drawings—Big Creek Hydroelectric System Historic District Options

Appendix D: Tribal Consultation Log

**This page intentionally left blank**



## ACRONYMS AND ABBREVIATIONS

APE	area of potential effects
APN	Assessor’s Parcel Number
ASR	Archaeological Survey Report
ATP	Archaeological Treatment Plan
Authority	California High-Speed Rail Authority
BCHSHD	Big Creek Hydroelectric System Historic District
CEQA	California Environmental Quality Act
C.F.R.	Code of Federal Regulations
CRHR	California Register of Historical Resources
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
F-B LGA	Fresno to Bakersfield Locally Generated Alternative
FOE	Finding of Effect Report
FRA	Federal Railroad Administration
HASR	Historic Architectural Survey Report
HSR	high-speed rail
IAMF	impact avoidance and minimization feature
La Paz	César E. Chávez National Monument/Nuestra Señora Reina de La Paz
MOA	memorandum of agreement
MR	Map Reference Number
NAHC	Native American Heritage Commission
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
PPV	peak particle velocity
project	Bakersfield to Palmdale Project Section of the California High-Speed Rail Program
SCE	Southern California Edison
Section 106 PA	Section 106 Programmatic Agreement for the High-Speed Rail Project
SHPO	State Historic Preservation Officer
SR	State Route
SWG	Stakeholder Working Group
UPRR	Union Pacific Railroad
VERs	various engineering refinements
WEAP	Worker Environmental Awareness Program

**This page intentionally left blank**

## 1 SUMMARY OF FINDINGS OF EFFECT

### 1.1 Findings for Section 106 Cultural Resources

This Section 106 Addendum Finding of Effect Report (Addendum FOE) has been prepared for the proposed Bakersfield to Palmdale Project Section of the California High-Speed Rail (HSR) Project. It is an addendum to the *Bakersfield to Palmdale Section: Section 106 Finding of Effect Report* (Authority 2020a), which is included by reference. The specific purpose of the Addendum FOE is to assess and report adverse effects of the Bakersfield to Palmdale Project Section Preferred Alternative to historic properties caused by various engineering refinements (VER) made following the public circulation of the *Bakersfield to Palmdale Project Section Draft Environmental Impact Report/Environmental Impact Statement* (EIR/EIS) from February 28, 2020 to April 27, 2020.

The purpose of the FOE is to assist the project proponent and lead agency, the California High-Speed Rail Authority (Authority), in complying with Section 106 of the National Historic Preservation Act (NHPA) and the implementing regulations of the Advisory Council on Historic Preservation, as these pertain to federally funded undertakings and their impacts on historic properties, and with Section 15064.5 of the California Environmental Quality Act (CEQA) Guidelines. "Historic properties" are defined as any prehistoric or historic site, district, building, structure, or object that is listed in the National Register of Historic Places (NRHP), has been determined eligible for listing in the NRHP, or meets the criteria for listing in the NRHP (36 Code of Federal Regulations [C.F.R.] § 800.16(l)). This FOE follows the procedures and guidelines set forth in the *Programmatic Agreement among the Federal Railroad Administration, Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California High-Speed Rail Authority Regarding Compliance with Section 106 of the National Historic Preservation Act as it Pertains to the California High-Speed Train Project* (Section 106 PA) (Authority and Federal Railroad Administration [FRA] 2011).

The area of potential effects (APE) for the Bakersfield to Palmdale Project Section is based on the current level of design, which is 15 percent (30 percent in the vicinity of César E. Chávez National Monument/Nuestra Señora Reina de la Paz (La Paz)).

This Addendum FOE presents the effect conclusions for three new built environment historic properties identified in the BP Project Section historic architectural Area of Potential Effects Revisions to Address Various Engineering Refinements Memorandum (VERs APE Memorandum) (Authority 2020b) and effects conclusions for historic properties previously analyzed in the BP FOE where the VERs have revised the project action. The built environment survey has been 100 percent completed for the properties identified by the VERs APE Memorandum as of September 24, 2020. There are seven built-environment historic properties analyzed in this Addendum FOE.

There are 42 archaeological historic properties in the Bakersfield to Palmdale Project Section Archaeological APE (Table 1-3). The effect conclusion for 40 of the archaeological historic properties would not change as a result of the incorporation of the VERs as described in the April 2020 FOE (Authority 2020a). This Addendum FOE presents the effect conclusions for 2 new archaeological historic properties identified in the VERs APE Memorandum (Authority 2020b). Access for archaeological surveys has been limited to roughly 15 percent of the Archaeological APE, totaling 1,784.4 acres.

The project Section 106 identification activities to date include the preparation of the documents shown in [Table 1-1](#).

**Table 1-1 Bakersfield to Palmdale Project Section 106 Activities**

Report Title	Date	SHPO Comment Date
Archaeological Survey Report	November 2016 (Draft)	January 2017
Historic Architecture Survey Report	January 2017	February 2017
Section 106 Finding of Effect	April 2020	May 22, 2020; June 23, 2020
VERs APE Memorandum	November 2020	

APE = area of potential effects  
 SHPO = State Historic Preservation Officer  
 VERs = various engineering refinements

Table 1-2 presents all built environment properties subjected to the effects analysis in Section 4. Table 1-3 presents archaeological properties subjected to the effects analysis in Section 4. None of the archaeological historic properties listed in Table 1-3 is exempt from evaluation under Attachment D of the Section 106 PA. All but three archaeological historic properties listed in Table 1-3 would be subject to phased identification and NRHP eligibility evaluation, consistent with 36 C.F.R. 800.2(b)(2) and the Section 106 PA. Those three archaeological properties that would not be subject to phased identification—as noted in Table 1-3—are avoided due to underground alignments at those locations.

**Table 1-2 Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect**

Map ID No.	APN	Resource Name and Address	City, County	Year Built	Effect Findings
MR 005; MR 006; MR 007	Multiple APNs	Big Creek Hydroelectric System Historic District North of Edison Highway, east of Fairfax Road	Bakersfield (vicinity) / Kern	1912-1927	Adverse Effect
MR 027	Multiple APNs	First Los Angeles Aqueduct About 1 mile SW of Tehachapi-Willow Springs Road and about 6 miles NW of Willow Springs (multiple APNs)	Willow Springs (vicinity) / Kern	1908-1913	No Adverse Effect
MR 054	3134011901	Lancaster Post Office 567 W Lancaster Boulevard, Lancaster	Lancaster / Kern	1941	No Adverse Effect
MR 055	3134011912	Western Hotel 557 W Lancaster Boulevard, Lancaster	Lancaster / Kern	ca. 1890	No Adverse Effect
MR 117	3138018009	Residence at 332 W Lancaster Boulevard	Lancaster / Kern	ca. 1910	No Adverse Effect
MR 118	3138018008	Residence at 44847 Trevor Avenue	Lancaster / Kern	ca. 1920-1925	No Adverse Effect
MR 120	3134015918	Cedar Avenue Historic District	Lancaster / Kern	1920-1938	No Adverse Effect

\* See F-B LGA FOE for effects analysis  
 Resources are listed from north to south, in order of their location between Bakersfield and Palmdale.  
 Alt = Alternative  
 aka = also known as  
 APN = Assessor's Parcel Number  
 ca. = circa  
 F-B LGA = Fresno to Bakersfield Locally Generated Alternative  
 MR = B-P HASR Map Reference  
 MR LGA = Map Reference F-B LGA HASR  
 N/A = not applicable  
 NW = northwest  
 SW = southwest

**Table 1-3 Summary of Section 106 Effects Findings for Archaeological Historic Properties within the Bakersfield to Palmdale Area of Potential Effect**

Resource Number*	Resource Type	Attributes	Effect Findings
P-15-019272 / CA-KER-10546 (BP-JS-1)	Prehistoric site	Lithic scatter; quarry	Phased
P-15-019263 / CA-KER-10537 (BP-IS-1)	Prehistoric site	Lithic scatter; quarry	Phased
P-15-018645 / CA-KER-10171	Prehistoric site	Lithic scatter; quarry	Phased
P-15-019264 / CA-KER-10538 (BP-IS-2)	Prehistoric site	Lithic scatter	Phased
P-15-019281 / CA-KER-10555 (BP-LH-7)	Prehistoric site	Lithic scatter	Phased
P-15-019265 / CA-KER-10539 (BP-IS-3)	Prehistoric site	Bedrock milling feature	No Effect
P-15-002959 / CA-KER-2959	Prehistoric site	Bedrock milling feature; lithic scatter	Phased
P-15-010031 / CA-KER-5918	Prehistoric site	Lithic scatter	Phased
P-15-001042 / CA-KER-1042	Prehistoric site	Bedrock milling feature	Phased
P-15-001043 / CA-KER-1043	Prehistoric site	Bedrock milling feature	Phased
P-15-010030 / CA-KER-5917	Prehistoric site	Bedrock milling features; lithic scatter	Phased
P-15-002750 / CA-KER-2750	Prehistoric site	Bedrock milling feature	No Effect
P-15-002189 / CA-KER-2189	Prehistoric site	Lithic scatter; cairns/rock features; quarry	Phased
P-15-002954 / CA-KER-2954	Prehistoric site (with locus of sparse amethyst glass)	Lithic scatter; bedrock milling feature; architectural feature; cairns/rock features; trash scatter	No Effect
P-15-019266 / CA-KER-10540 (BP-IS-4)	Prehistoric site	Lithic scatter	Phased
P-15-007681 / CA-KER-7681	Prehistoric site	Bedrock milling feature	Phased
P-15-012810 / CA-KER-7231	Prehistoric site	Lithic scatter	Phased
P-15-015559 / CA-KER-8592	Prehistoric site	Lithic scatter	Phased
P-15-012811 / CA-KER-7232	Prehistoric site	Lithic scatter; bedrock milling feature; cairn/rock feature	Phased
P-15-001615 / CA-KER-1615	Historic site	Grave	Phased
P-15-013689 / CA-KER-7690H	Historic site	Trash scatter	Phased
P-15-013931 / CA-KER-7815H	Historic site	Road; trash scatter	Phased
P-15-013841 / CA-KER-7749	Prehistoric site	Lithic scatter	Phased
P-15-016251 / CA-KER-8784H	Historic site	Trash scatter; road	Phased
P-15-016253 / CA-KER-8486H	Historic site	Trash scatter; roads/trails	Phased
P-15-012714 / CA-KER-7172H	Historic site	Foundations/structure pads; trash scatters	Phased
P-15-013690 / CA-KER-7691H	Historic site	Trash scatter	Phased

Resource Number*	Resource Type	Attributes	Effect Findings
P-15-016534 / CA-KER-9114	Prehistoric site	Lithic scatter	Phased
P-15-016248 / CA-KER-8981H	Historic site	Trash scatter; homestead or mining claim marker	Phased
P-15-002539 / CA-KER-2539	Prehistoric site	Lithic scatter; habitation debris	Phased
P-15-019275 / CA-KER-10549 (BP-JS-6)	Prehistoric site	Lithic scatter	Phased
P-15-019283 / CA-KER-10557 (BP-TJ-2)	Prehistoric site	Lithic scatter	Phased
P-15-019268 / CA-KER-10542 (BP-IS-7)	Prehistoric site	Lithic scatter	Phased
P-15-019277 / CA-KER-10551 (BP-JS-8)	Prehistoric site	Lithic scatter; hearths; FAR	Phased
P-15-019269 / CA-KER-10543 (BP-IS-8)	Prehistoric site	Lithic scatter	Phased
P-15-019278 / CA-KER-10552 (BP-JS-9)	Prehistoric site	Lithic scatter; ground stone	Phased
P-15-019270 / CA-KER-10544 (BP-IS-9)	Prehistoric site	Lithic scatter	Phased
P-15-000522 / CA-KER-522	Prehistoric site	Lithic scatter	Phased
P-15-012466 / CA-KER-7031H	Historic site	Trash scatter	Phased
P-19-002183 / CA-LAN-2183H	Historic site	Foundations; landscaping; trash scatters; wall	Phased
P-19-002215 / CA-LAN-2215H	Historic site	Foundations; trash scatters	Phased
P-19-002039 / CA-LAN-2039H	Historic site	Foundations/structure pads; trash scatter; well; fence	Phased

Resources are listed from north to south, in order of their location between Bakersfield and Palmdale. Temporary resource numbers previously used in the Bakersfield to Palmdale Project Section Archaeological Survey Report for newly identified archaeological historic properties are included in the table for reference and are indicated in italicized parentheses (e.g., "(BP-CJ-9)"). FAR = fire-affected rock N/A = not applicable (outside of the proposed alignment)

The archaeological historic properties listed in Table 1-3 have not been formally evaluated for the project, mostly due to lack of permissions to enter, and are assumed eligible for listing in the NRHP. Pursuant to the Section 106 PA, Stipulation VI.C.1, “known archaeological sites that cannot be evaluated prior to approval of an undertaking will be presumed NRHP eligible.” Under that stipulation, therefore, archaeological resources within the APE that cannot be exempted from evaluation pursuant to Attachment D of the Section 106 PA or that have not been previously evaluated for their eligibility for listing in either the NRHP or the California Register of Historical Resources (CRHR) shall be treated as historic properties for purposes of the undertaking.

## 2 DESCRIPTION OF UNDERTAKING

This section provides a description of the engineering and design refinements completed and incorporated into the project plans following the publication of the Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS). Refinements to the design were considered and incorporated for several reasons, including modifications made in response to comments on the Draft EIR/EIS from agencies, stakeholders, and the general public, as well as modifications made to avoid or minimize environmental impacts. In addition, other design revisions were made to improve safety or reduce construction costs.

### 2.1 Design Revisions to Address Public Review Comments

During the public review period for the Draft EIR/EIS in 2020, comments on the project were submitted by agencies, stakeholders, and the general public, many of which requested modifications to the project design. In order to be responsive to these comments on the Draft EIR/EIS, the California High-Speed Rail Authority (Authority) has addressed many of these requests by incorporating revisions into the project design. These revisions were determined to be consistent with the project design criteria, would represent a design improvement, and would reduce or have no change to environmental impacts and/or cost.

#### 2.1.1 Kern Council of Governments/Greater Bakersfield Separation of Grade District

In response to the Kern Council of Governments and the Greater Bakersfield Separation of Grade District, the high-speed rail (HSR) alignment profile was lowered in the area of Morning Drive (Weedpatch Highway/State Route [SR] 184) in the community of Edison, thereby shortening the HSR viaduct structure and realigning Edison Highway in the vicinity of Morning Drive. In addition to reducing the project footprint, this modification also provides a design that is preferred by stakeholders, has a reduced construction cost, and avoids a sensitive AT&T communication facility near the proposed HSR alignment.

#### 2.1.2 California Department of Transportation District 6

The relocation of SR 58 in the Marcel area was revised in response to input from California Department of Transportation (Caltrans) District 6 to address the minimum desirable slope ratio and to allow for rock slope protection for cross-drainage. In the Marcel area, the HSR alignment crosses over SR 58 from north of the highway to south of the highway, and then back to the north side of SR 58. At the first crossing from north to south, the footprint was revised to provide the area needed to accommodate the straddle bent for the HSR viaduct over SR 58. In response to a comment from Caltrans District 6 on the Draft EIR/EIS, a straddle bent was added to the design of the HSR viaduct crossing back over SR 58 from the south side to the north side.

#### 2.1.3 City of Tehachapi

Several modifications to the design were made in response to comments from the City of Tehachapi on the Draft EIR/EIS. These included the addition of an access road around the tunnel portal just northeast of the Adventist Health Tehachapi Valley facility, a revised tunnel portal grading in the same general area, and shifting the Challenger Drive Traction Power Substation site to a different location north of the alignment. The shifting of the Traction Power Substation site also shifted the location of the access road and the electrical interconnect needed at the site.

The City of Tehachapi also requested that the profile of the HSR alignment within the Tehachapi Valley be lowered to reduce the visual impact of the alignment in the area. This adjustment resulted in an overall footprint reduction due to the lower profile of the HSR alignment from near the south portal of Tunnel 7, north of the City of Tehachapi, extending through Tehachapi, and rejoining the original profile at the southern portal of Tunnel 8. The lowering of the profile also resulted in adjustments of other elements of the design. The maintenance of infrastructure siding facility site in Tehachapi, near the Tehachapi Willow Springs Road crossing location, was shifted from the west side of the alignment to the east side of the alignment. Also as a direct result of the lowered profile, two existing roadways that were intended to pass under the HSR alignment on a



viaduct structure (Highline Road and Tehachapi Willow Springs Road) are now proposed to cross over the HSR alignment. Additionally, the realignment of Valley Boulevard was needed to tie into Steuber Road, maintaining the existing traffic circulation patterns.

The City of Tehachapi also requested the addition of a bridge to allow connectivity from Challenger Drive/Dennison Road to the east side of the HSR alignment, where a future development is planned. Therefore, the associated revisions to access roads were also made, including the adjustment of the access road where it ties into Voyager Drive in north Tehachapi, connection of the HSR access road to Challenger Drive in Tehachapi, and provision of an access road from the relocated paralleling station to Tehachapi Willow Springs Road. Each of these revisions slightly increases the project footprint in that area compared to what was analyzed in the Draft EIR/EIS.

#### **2.1.4 CalPortland Cement Company**

In response to a comment on the Draft EIR/EIS from CalPortland Cement Company indicating that the north portal of Tunnel 9 (located immediately south of the Pacific Crest Trail [PCT] crossing and Oak Creek Road) was located within the potential flyrock zone of their active mining operations, the project design for Alternatives 1, 2, and 5 was revised to provide for construction of a cover extending 1,700 feet from the northerly terminus of Tunnel 9 to protect the HSR infrastructure from the potential for damage from flyrock.

#### **2.1.5 U.S. Department of the Interior, Bureau of Land Management**

In one of its comments on the Draft EIR/EIS, the Bureau of Land Management expressed concern regarding the proposed design that would require PCT users (including equestrians) to cross under the HSR viaduct in an 80-foot-long, 15x15-foot box culvert with about 19 feet of vertical clearance. In response to this comment, the Authority developed a revised design of the HSR crossing of the PCT. In the area where the HSR alignment crosses the PCT, the alignment of Tehachapi Willow Springs Road was shifted to the west of the HSR alignment under Alternatives 1, 2, and 5. This shift in the alignment of Tehachapi Willow Springs Road eliminated a complex crossing of the HSR alignment over Tehachapi Willow Springs Road but resulted in a direct impact to the existing PCT in this area as well as a minor increase to the previously defined footprint. Mitigation Measure PCT-MM#1, described in Section 3.15 (Parks, Recreation, and Open Space) of the EIR/EIS, provides for replacement of the impacted portion of the PCT on a new alignment. This will eliminate the need for PCT users to cross Tehachapi Willow Springs Road at-grade as they do under existing conditions, thus improving safety for trail users. In addition, with the new design, PCT users would now cross under the HSR viaduct (and the new Tehachapi Willow Springs Road bridge) in an open crossing adjacent to the creek with over 57 feet of vertical clearance, which would improve the experience for the trail users as they cross under the HSR viaduct. The design revisions at this location also eliminated project impacts to a PCT parking area along Oak Creek Road (including removal of an oak tree).

#### **2.1.6 City of Lancaster**

In response to comments on the Draft EIR/EIS from the City of Lancaster, some modifications were made to roadway crossings within the city limits. As described in Chapter 2 of the Draft EIR/EIS, W Lancaster Boulevard was proposed to be closed between the intersection of Sierra Highway and the Union Pacific Railroad (UPRR) tracks, and the HSR alignment would be located between Sierra Highway and the UPRR. Further, Milling Street was proposed to be connected across the HSR and UPRR by the construction of a new roadway overpass spanning Beech Avenue, Sierra Highway, the HSR alignment, the Metrolink and UPRR tracks, and Yucca Avenue. However, in response to comments on the Draft EIR/EIS by the City of Lancaster, the Authority has revised the project design to retain the connectivity of Lancaster Boulevard as an underpass across the rail corridor. With the connection across the rail corridor maintained at Lancaster Boulevard, the connection of Milling Street across the HSR alignment was removed from the project design.



Additionally, W Avenue I had been proposed in the Draft EIR/EIS to be grade-separated with an overpass spanning Sierra Highway, HSR, and UPRR, and further modifications made to retain access between W Avenue I and Sierra Highway via a signalized intersection. Per the request of the City of Lancaster, the design of the W Avenue I crossing has been modified to become an underpass rather than an overpass. As part of the design modifications at W Avenue I, the footprint at the underpass has been reduced in order to avoid a low-income housing development in the immediate vicinity.

Also in response to comments from the City of Lancaster, modifications were made to the design at the W Avenue H/7th Street W intersection to allow for the relocation of an existing driveway to the parking lot at the northeast corner of that intersection.

### **2.1.7 Los Angeles Department of Water and Power**

Footprint adjustments were also made to provide additional room for the relocation of and perpendicular crossings of high-voltage power lines. These design changes were made to address comments on the Draft EIR/EIS from the Los Angeles Department of Water and Power related to the safety and protection of critical facilities and the provision of sufficient rights-of-way for various activities.

### **2.1.8 California Department of Fish and Wildlife**

In response to general comments on the Draft EIR/EIS to maintain hydrological function upstream and downstream of the proposed alignment, the Authority has incorporated design improvements involving the installation of rock slope protection at drainage outlets and sizing the on-site drainage basins to address potential downstream effects. Although this refinement resulted in an increase in needed footprint at the drainage outlet areas, the addition of rock slope protection helps to attenuate downstream hydraulic impacts identified in the Draft EIR/EIS. Similarly, refinements to the typical cross-section were made to increase the size of drainage ditches and maintenance access. These refinements also serve as a design improvement to attenuate downstream hydraulic impacts. The increase in footprint acreage associated with the addition of rock slope protection throughout the alignment is approximately 160 acres.

### **2.1.9 Multiple Local Jurisdictions—Local Design Standards**

The Authority has also committed to meeting local jurisdiction design standards to the greatest extent feasible. Therefore, revisions to the project design have been made for consistency with local government requirements and HSR standards to address comments from agencies such as the Kern County Public Works Department. These revisions consist of realigning access roads, adjustments to grade and profiles, addition of cul-de-sacs, radius adjustments, addition of hammerhead turnarounds (a T- or L-shaped dead-end street that allows sufficient space for emergency or access vehicles to make a U-turn) at viaduct locations for emergency and/or maintenance vehicle access, and Americans with Disabilities Act compliance improvements.

#### **2.1.10 Design Revisions to Reduce Environmental Impacts**

In addition to refinements to address public comments, other project design refinements were made throughout the project limits to remove portions of the footprint that were determined to be unnecessary to construct, operate, and maintain the HSR project. In doing so, the potential environmental impacts of the footprint evaluated in the Draft EIR/EIS and future right-of-way costs were reduced in many locations. For example, the elimination of the Caliente Creek Traction Power Substation site, along with the associated elimination of 6 miles of interconnect run, resulted in a footprint reduction of roughly 72 acres. The elimination of the Caliente Creek Traction Power Substation site required moving some of the other traction power facilities to new locations and changing some of these facilities from a paralleling station to a switching station or vice versa. These systems changes were made to reduce impacts. While there are increases or decreases in the footprint at individual locations, the net result of the systems changes is a reduction in footprint and a reduction in impacts, as well as a reduction in capital cost.

## 2.2 Other Minor Design Revisions

Other refinements to the project design have been made since the release of the Draft EIR/EIS for various reasons, to further improve the safety of the design, or to reduce cost where possible.

To provide for safer operation of emergency and maintenance vehicles, the design of the access road where it ties into Voyager Road near the Adventist Health Tehachapi Valley facility was adjusted. Similarly, the footprint was revised throughout the alignment to allow for emergency/maintenance access road adjustments, hammerhead turnarounds, and grading limit adjustments, and also to provide additional room for the safe operation of maintenance vehicles.

Minor footprint modifications were made to accurately represent the permanent impact area of the removal of wind turbines. It should be noted that the removal of the wind turbines was identified as an impact in the Draft EIR/EIS. Four of the wind turbines were not within the original project footprint, but were identified for removal because they posed a safety hazard due to their proximity to the HSR alignment. The footprint additions to account for the removal of these four wind turbines total approximately 0.25 acre.

Similarly, the footprint associated with Alternative 2 was modified to accommodate the revised Edison Highway roadway section in Bakersfield to be consistent with Alternatives 1, 3, and 5, as this is a location in which the HSR alignment is common to all B-P Build Alternatives.

Minor modifications to the footprint were also made to more accurately reflect the area needed for tunnel portal grading at some locations.

The footprint was also adjusted to pave existing dirt roads for emergency access in some areas, including Highgate Avenue just north of the community of Rosamond, and to prevent erosion due to flooding. This adjustment is a design improvement to allow for the safe operation of emergency and maintenance vehicles in various weather conditions and provide access to the entire alignment.

## 2.3 Avenue M Maintenance Facility

Two maintenance facility site options, the Lancaster North site and the Avenue M site, were evaluated in the Draft EIR/EIS. The Lancaster North site was evaluated as both a maintenance-of-way facility and a combined light maintenance facility/maintenance-of-way facility, whereas the Avenue M site was evaluated only as a light maintenance facility. The Authority evaluated the two locations with regard to the criteria for maintenance sites provided in Section 2 of its *Right-of-Way Infrastructure Maintenance Facility Requirements, Revision 3* (August 2018). Based on this evaluation, the Authority determined that the Avenue M site in the Cities of Lancaster and Palmdale should also be designed as a combined light maintenance facility/maintenance-of-way facility. The reasons for the Authority considering a combined maintenance facility at the Avenue M site is because: (1) the Authority's requirement for maintenance facilities to have freight rail access for delivery of materials, (2) the southerly location compared to the Lancaster North site improves connectivity to the Palmdale Station and to HSR project sections to the south of Palmdale, and (3) general efficiencies of having the light maintenance facility/maintenance-of-way facility sites co-located.

### 3 CONSULTATION AND PUBLIC OUTREACH

#### 3.1 Potentially Interested Parties—Historic Architectural Resources

Stipulation IV of the Section 106 PA sets forth the procedures for public participation and involvement in the Section 106 process for the HSR project. The public, local agencies, and other interested parties have the opportunity to comment on the findings of the historic properties surveys at public meetings and through review of the Draft and Final EIR/EIS documents. Consulting parties, who may include other federal, state, regional, or local agencies that may have responsibilities for historic properties and may want to review reports and findings for an undertaking within their jurisdiction, have been invited to participate in undertakings covered by the Section 106 PA (Stipulation V.B.).

A letter regarding this project was sent to parties potentially interested in historic architectural resources on September 11, 2015. The recipients included such interested parties as area planning agencies, local government planning departments, and/or historic preservation programs, historical societies, and museums, in compliance with the consultation requirements of NHPA and its implementing regulations (36 C.F.R. 800). For a full listing of the potentially interested parties correspondence and consultation that took place through preparation of the first FOE, see the April 2020 FOE (Authority 2020a).

Consultation regarding historic architectural resources that has taken place since April 2020 is listed in Appendix A. Ongoing and future consultation with potentially interested parties regarding historic properties will be included in the EIR/EIS.

#### 3.2 Summary of Public Participation, Historic Architectural Resources

The Authority has an extensive public and agency involvement program as part of the environmental review process and the requirements of NEPA and CEQA. The notification and consultation efforts conducted for the Bakersfield to Palmdale Project Section will be described in detail in the project section EIR/EIS. The public and agency involvement program includes the following efforts:

- Preparation and distribution of informational materials, such as fact sheets, informational meetings, public and agency scoping meetings, meetings with individuals and groups, and presentations; workshops regarding the Bakersfield to Palmdale Project Section; and briefings to interested and/or affected stakeholders.
- Agency scoping meetings, an interagency working group, meetings with agency representatives, and other agency consultation
- Public and agency outreach, including focused informational meetings and presentations

In addition, the Authority posts meeting notices and public documents on its website, [www.hsr.ca.gov](http://www.hsr.ca.gov). The site includes information about the HSR project, the proposed HSR route, business plan updates, newsletters, press releases, Board of Directors' meetings, recent developments, status of the environmental review process, Native American outreach and the Section 106 process, Authority contact information, and related links. The Authority Board of Directors meetings are open to the public, and one of the first items on the meeting agenda is to provide an opportunity for public comment on any public agenda item. In addition, materials (in English and Spanish) on how to participate in the public comment period and navigate the extensive document were also available online.

The Authority also formed and met with Stakeholder Working Groups (SWG) composed of community members and organizations. The purpose of these groups was to facilitate the exchange of information and ideas during the course of the study.

#### 3.3 Outreach to Native American Representatives

Tribal outreach and consultation efforts for the California HSR Program date from 2001 during preparation of the Program EIR/EIS for the statewide system. The FRA and the Authority began

the first phase of a tiered environmental review process for the statewide HSR program in 2001 and completed the Final Program EIR/EIS for the Proposed California High-Speed Train System in 2005. During that time, the FRA and the Authority consulted with the California Native American Heritage Commission (NAHC) and initiated statewide outreach efforts to federally and nonfederally recognized tribal governments whose ancestral tribal territories lay within the HSR project sections, to identify concerns regarding potential effects to Native American cultural resources or areas of cultural sensitivity. Such outreach efforts consisted of searches of the NAHC's Sacred Lands File, sending letters to tribal governments providing information about the HSR project and seeking input from the tribal community, and a series of face-to-face informational meetings about the project. In approving the Statewide Program EIR/EIS in 2005, the FRA and the Authority selected certain corridors/general alignments and general station locations for further study, incorporated mitigation strategies and design practices, and specified further measures to guide the development of the HSR system at the site-specific level of environmental review to avoid and minimize potential adverse environmental impacts. As required by the statewide Section 106 PA (Stipulation IV), and in accordance with the Authority's tribal engagement policies, outreach to tribal governments is initiated during early project planning efforts to obtain input from the tribal communities regarding sensitive Native American cultural resources in proximity to the project, and outreach and consultation with tribal governments continues throughout the project delivery process. The FRA conducted statewide outreach to tribal governments to initiate government-to-government consultation for each of the individual HSR project sections in February 2010. Early tribal outreach for the Bakersfield to Palmdale Project Section began in March 2010, at which time the Authority contacted local tribal representatives by letter to solicit their input regarding concerns for potential effects to Native American cultural resources and sought feedback about which project sections are of interest to each of the tribes.

The Authority and the FRA rely on the NAHC to identify those Native American tribal governments and representatives with whom it is most appropriate to consult for a given geographic area. A revised and updated list of local tribal entities is regularly obtained from the NAHC to ensure that the current tribal contact information is used when communicating with tribal representatives. The NAHC provided the Authority and/or its consultant a list of tribes and representatives in December 2009, February 2014, and March 2015. In each instance, a request was made for: (1) a contact list of Native American tribes and representatives for Kern and Los Angeles counties, and (2) a review of the Sacred Lands File for the HSR project. In December 2009, the NAHC indicated that the "SLF search did indicate the presence of Native American cultural resources within one-half mile of the proposed project, specifically in the Edison, Lancaster East, Palmdale, Mojave, Tehachapi North and Tehachapi South Quadrangles." In March 2015, the NAHC indicated that "The search indicates the potential for Native American cultural resources in the Tehachapi North and the Monolith Quadrangles that may be impacted. For specific information regarding the sites in these areas, please contact Andy Greene at 713 Brentwood Drive, Tehachapi, CA 93561 for information on these sites" (Appendix A).

Subsequent to the NAHC's March 26, 2015, response letter, the Authority learned that Mr. Greene is deceased. The Authority contacted the NAHC, which indicated there was no alternate tribal contact for the information on Native American cultural resource on the *Tehachapi North* and *Monolith* U.S. Geological Survey topographic quadrangles; however, the Authority and the FRA continue to consult with the local tribal representatives to identify areas of cultural sensitivity and concern.

The Authority mailed letters on May 29, 2015, and sent a follow-up email on June 1, 2015, to all tribes identified by the NAHC's contact list to: (1) provide a brief update on the Bakersfield to Palmdale Project Section; (2) request early input from the tribal community regarding the potential presence of cultural resources within the study area (prior to the identification of the Preferred Alternative for the project); and (3) notify tribes of an upcoming Tribal Information Meeting regarding the project. Correspondence submitted to the NAHC and Native American tribes to date is provided in Appendix B (Attachments B-1 and B-2) of the Bakersfield to Palmdale Project

Section ASR. Formal invitations to a focused Tribal Information Meeting were sent via letter and email to tribal representatives in October 2015.

An invitation-only Tribal Information Meeting was held in Bakersfield on November 5, 2015, that included representatives from the FRA and the Authority. All tribes previously contacted by the Authority in May 2015 were invited via letter and email to attend the meeting. The purpose of this meeting was to provide tribes with information regarding the project, including an overview of the HSR system and cultural resources recorded in the project study area. In addition, the meeting was intended to discuss how tribes may participate as consulting parties under Section 106 of the NHPA and become more closely involved in the cultural resources investigation for the HSR project.

In June 2016, the Authority sent a notification to the local tribal representatives informing them of a series of upcoming Community Open House meetings scheduled to take place in the area. In the notification, the Authority stated that while the meetings are not specifically about cultural resources, they are a good opportunity to learn more about the HSR project and the Preferred Alternative under consideration.

On September 28, 2020, the Authority sent an email invitation for a meeting to be held October 13, 2020, to the local tribal representatives, State Historic Preservation Officer (SHPO), and Advisory Council on Historic Preservation. The purpose of the meeting was to discuss the draft memorandum of agreement (MOA) and Archaeological Treatment Plan (ATP).

### **3.3.1 Summary of Tribal Outreach Conducted to Date**

#### **3.3.1.1 Tribal Consulting Parties**

In response to the Authority's letter dated May 29, 2015, the Soboba Band of Luiseno Indians sent a letter dated June 4, 2015, to the Authority requesting: (1) government-to-government consultation with the Authority and the FRA; (2) status as a "lead consulting tribal entity for this project"; (3) Soboba Band monitoring of ground disturbance, including surveys and archaeological testing; and (4) "that proper procedures be taken and requests of the tribe be honored" (ASR Appendix B, Attachment B-2).

A formal meeting was held among the Soboba Band, the Authority, and the FRA to discuss the tribe's request to participate as a Section 106 consulting party for the Bakersfield to Palmdale Project Section. Although the Soboba Band initially requested Section 106 consulting party status, the tribe has decided to no longer participate in consultation on the Bakersfield to Palmdale Project Section (see Appendix A for correspondence).

The Authority also met with several additional tribes to discuss the HSR program and project section. The Authority met with the Tejon Indian Tribe and the Tule River Tribe at the Tejon tribal office in Bakersfield on February 12, 2016, regarding the HSR program and the tribe's participation in the project. The Authority met with the Kern Valley Indian Council and its tribal members on February 13, 2016, to give an overview of the HSR program and how the tribe can participate throughout the process. The Authority met with the Fernandeano Tataviam Tribe at their tribal office in San Fernando on February 24, 2016, to discuss the HSR program, confirm the tribe's interest in this project section, and discuss their involvement as a consulting party. In October 2016, the Authority had a telephone conference call with the Cultural Resources Management Department of the San Manuel Band of Mission Indians. Subsequent to that call, in November 2016, the San Manuel Band requested consulting party status for multiple HSR project sections, including the Bakersfield to Palmdale Project Section. In November 2016, the Table Mountain Rancheria, the Santa Rosa Rancheria Tachi-Yokut Tribe, and the Picayune Rancheria of Chukchansi Indians indicated that they wish to consult on the Bakersfield to Palmdale Project Section for the western portion of the project alignment from Bakersfield to Bealville Road only. Lastly, in September 2017, the Barbareño/Ventureño Band of Mission Indians accepted consulting party status for the project section.



### **3.3.1.2 Tribal Information Meeting**

The Tribal Information Meeting was held at the Truxtun Room of the Rabobank Arena-Convention Center in downtown Bakersfield on November 5, 2015. All tribes on the NAHC contact list were invited to attend the meeting. Tribal members in attendance consisted of Dee Dominguez, Kitanemuk and Yowlumne Tejon Tribe; Aurora Borrego-Ortega, Kitanemuk and Yowlumne Tejon Indians; Charlene Fernandez, Kitanemuk and Yowlumne Tejon Indians; Daniel McCarthy, San Manuel Band of Mission Indians; Robert Robinson, Kern Valley Indian Community; Colin Rambo, Tejon Indian Tribe; Joseph Garfield, Tule River Tribe; and Sara Barnett, Table Mountain Rancheria.

The Authority's Southern California Regional Director, Michelle Boehm, presented an overview of the HSR system. The FRA Environmental Protection Specialist, Stephanie Perez, spoke briefly to the tribes in attendance to introduce her role for the project. Ms. Perez indicated that she is happy to meet with the tribes individually upon request and encouraged tribal representatives and leaders to contact her with questions. The Regional Consultant's lead archaeologist, E. Timothy Jones, M.A., RPA, gave a presentation regarding the status of cultural resource work completed to date for the project. Finally, the Authority's Tribal Liaison, Sarah Allred, discussed the HSR project delivery process and how the tasks and deliverables associated with the cultural resources investigation fit into this larger process. In addition, Ms. Allred discussed the various ways that tribes may participate in the process, including options for becoming a consulting party under Section 106 of the NHPA.

On January 4, 2016, Ms. Allred mailed a letter to tribes that included a meeting summary and list of action items resulting from the meeting, including sending consulting party invitations to the participants; offering to arrange a bus-guided tour of the HSR project alignment, if desired by the tribes; and offering to make modifications to the Authority's tribal ancestral territories map based on tribal input (ASR Appendix B, Attachment B-2). Tribes were also notified of Community Open House Meetings for the project via email on June 30, 2016, and were invited to attend these meetings to learn more about the progress of the project and to ask questions of Authority staff (ASR Appendix B, Attachment B-2).

Subsequent to the Tribal Information Meeting, the Authority sent letters dated January 7, 2016, to all tribes invited to that meeting and previously contacted for the HSR project, inviting these groups to participate as a Section 106 consulting party for the Bakersfield to Palmdale Project Section. As part of the Authority's tribal engagement program, consulting parties would have an opportunity to participate in the cultural resources investigation for the project, including contributing, reviewing, and/or commenting on all cultural resources technical reports; participating as tribal monitors during archaeological field surveys, excavations, and/or construction; and contributing to the development of the project's MOA and ATP, particularly as they relate to the development of treatment and mitigation for effects to historic properties. In August 2020, the Authority emailed the draft ATP and MOA to local tribal representatives and requested their reviews and comments. On September 28, 2020, the Authority emailed the local tribal representatives to inform them of a meeting to be held on October 13, 2020, to discuss the ATP and MOA. In December 2020, the Authority revised the draft ATP based on input from the San Manuel Band of Mission Indians. To date, the respective tribal leadership for the Tejon Indian Tribe, the Kern Valley Indian Council, the Fernandeano Tataviam Tribe, the San Manuel Band of Mission Indians, the Table Mountain Rancheria, the Picayune Rancheria of Chukchansi, the Santa Rosa Rancheria Tachi-Yokut Tribe, the Barbareño/Ventureño Band of Mission Indians, and the Tule River Tribe have elected to participate as Section 106 consulting parties for the Bakersfield to Palmdale Project Section.

### **3.3.1.3 Project Section Tour**

On March 19 and 20, 2018, the Authority hosted a tour of the Bakersfield to Palmdale Project Section specifically for Native American consulting parties. The intent of the tour was to provide the tribal stakeholders an opportunity to view the landscape of the Preferred Alternative and to learn more about the proposed engineering features of the alignment at archaeologically sensitive

locations. Mapbooks of archaeologically sensitive areas were provided to help orient the participants during the tour, and stops were made at key locations along the project section. The tour included 13 participants, including representatives from the Tejon Indian Tribe, the Kern Valley Indian Council, the San Manuel Band of Mission Indians, and the Barbareño/Ventureño Band of Mission Indians, as well as representatives from the FRA and the Authority.

### **3.3.1.4 Ongoing Tribal Consultation and Participation**

Native American outreach and consultation efforts are ongoing. Native American tribes continue to be consulted at each key decision point of the Section 106, CEQA, and NEPA processes in accordance with the framework provided in Attachment E of the Section 106 PA. The Authority is committed to connecting the tribal consulting parties closely with the cultural resources investigation process for the project, including providing opportunities to:

- Author tribal ethnographies for inclusion in the ASRs
- Review and comment on draft cultural resources technical reports prior to finalization
- Participate in pedestrian field surveys
- Monitor ground-disturbing activities in culturally sensitive areas
- Help develop treatment and mitigation for effects to significant cultural resources

To date, consulting tribes have reviewed and commented on draft cultural resources technical reports, and the Tejon Indian Tribe and the Fernandeño Tataviam Tribe have authored tribal ethnographies that were included in the Bakersfield to Palmdale Project Section ASR. The Tejon Indian Tribe provided comments on the draft FOE via email on January 23 and February 21, 2020. The Tejon Indian Tribe concurred with the phased approach to fulfilling the Authority's Section 106 responsibilities and requested that the Authority collaborate with the tribe on future phases of the project.

Subsequent to the 2-day tour on March 19 and 20, 2018, the Authority held meetings and teleconferences on May 20, August 20 and 29, September 18, and October 15 to provide updates on NEPA assignment, project status, and to solicit tribal input and concerns regarding the project. The Authority and the FRA will continue to consult with the tribal consulting parties for this project section, and any input from the tribes will be integrated into the project planning process. The Tribal Consultation Log included in Appendix D includes a summary of all tribal consultation conducted for the project since March 2009.

**This page intentionally left blank**



## 4 DESCRIPTION OF HISTORIC PROPERTIES, APPLICATION OF CRITERIA OF ADVERSE EFFECT, AND CONDITIONS PROPOSED

### 4.1 Methodology

This section assesses the effects of the HSR project on the 7 built-environment historic properties that have the potential to be adversely affected by the VERs and two newly identified archaeological historic properties within the Bakersfield to Palmdale Project Section APE. The assessment below identifies the effects as defined in 36 C.F.R. 800.5(a)(2), as required by Stipulation VII of the Section 106 PA. The assessment in the chapter is arranged from north to south, beginning in Bakersfield (Kern County) and continuing south to Lancaster (Los Angeles County).

#### 4.1.1 Criteria of Adverse Effect

In accordance with Stipulation VII of the Section 106 PA, the Criteria of Adverse Effect (36 C.F.R. 800.5) were applied to the project actions that have the potential to affect historic properties within the APE. An “adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the NRHP in a manner that would diminish the integrity of the property’s location, design, setting, materials, workmanship, feeling, or association.”

Application of the criteria of adverse effect is an assessment of an undertaking’s changes to the character or use of a historic property and of how the undertaking will affect those features of a historic property that contribute to its eligibility for listing in the NRHP. Effects can be direct, indirect, and cumulative. Direct effects include such actions as physical destruction or damage, as well as those that may not physically impact the historic property but introduce visual or audible impacts that alter its character-defining features [36 C.F.R. 800.5(a)(1)]. Indirect adverse effects include those that are later in time or farther removed in distance but are still reasonably foreseeable.

This Addendum FOE assesses whether the proposed project would have an adverse effect on historic properties within the historic architectural APE and the archaeological APE. [Table 4-1](#) lists examples of adverse effects, as provided in 36 C.F.R. 800.5(a) (2). Of the seven typical effects, 36 C.F.R. 800.5(a)(2)(vi) and (vii) are not applicable to the HSR project because the project would not result in the neglect of a historic property (vi), or in the transfer, lease, or sale of property out of federal ownership or control (vii).

**Table 4-1 Adverse Effects in Code of Federal Regulations Title 36, Part 800.5(a)(2)**

Adverse effects on historic properties described in 36 C.F.R. 800.5 include, but are not limited to:	
(i)	Physical destruction of or damage to all or part of the property
(ii)	Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the Secretary’s standards for the treatment of historic properties (36 C.F.R. 68) and applicable guidelines
(iii)	Removal of the property from its historic location
(iv)	Change of the character of the property’s use or of physical features within the property’s setting that contributes to its historic significance
(v)	Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property’s significant historic features
(vi)	Neglect of a property which causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization
(vii)	Transfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance*

\* 36 C.F.R. 800.5, “Assessment of adverse effects,” incorporating amendments effective August 5, 2004.  
C.F.R. = Code of Federal Regulations

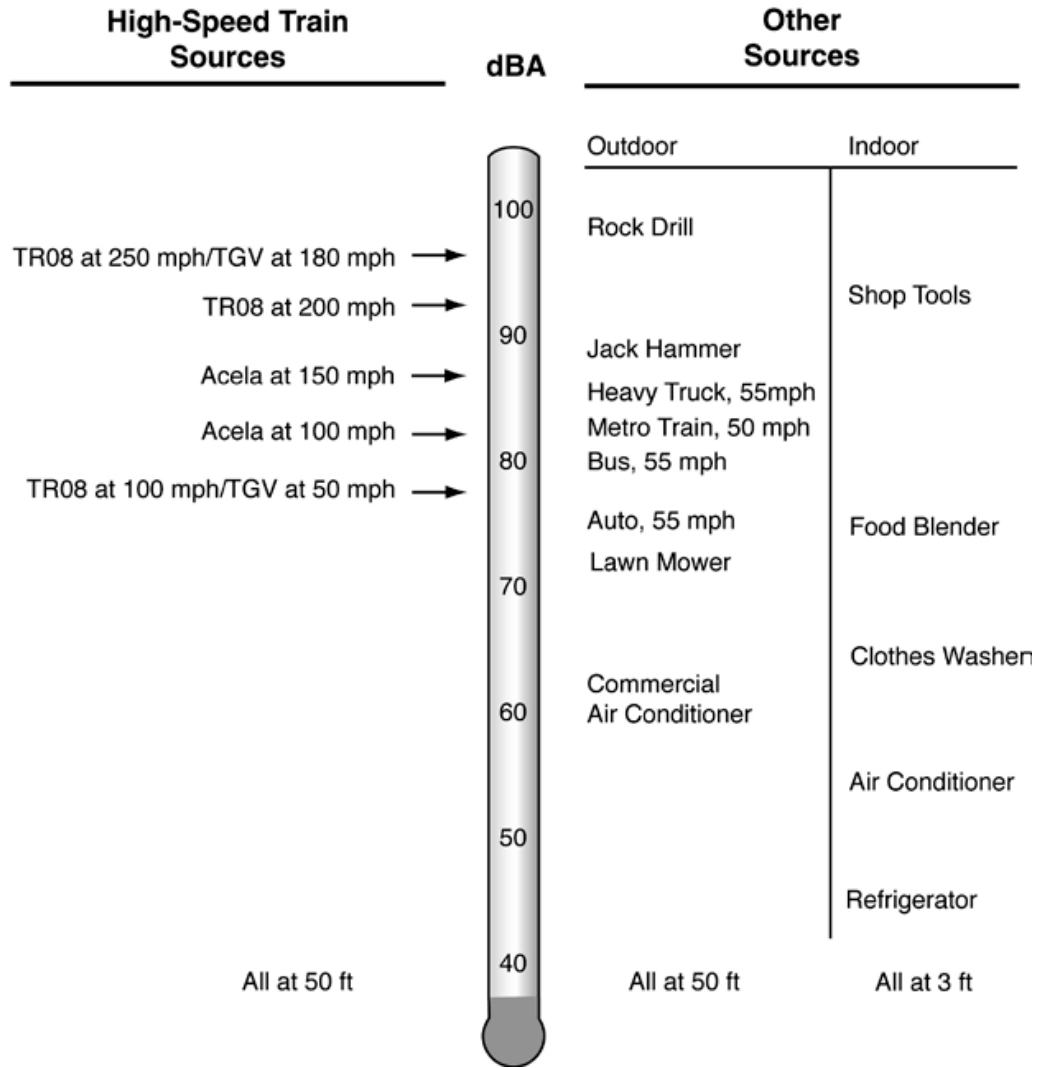
The assessment of adverse effects to historic properties conducted for the Bakersfield to Palmdale Project Section included review and incorporation of findings from other technical studies. These studies included assessments of visual, noise, and vibration impacts as reported in the Noise and Vibration Technical Report, the noise analysis presented in Noise and Vibration (Section 3.4), and the aesthetics and visual assessment presented in Section 3.16 of the project environmental document (Authority 2018a, 2018b, 2018c). The adverse effects analysis for historic properties also took into account the FRA guidance manual regarding assessment of high-speed train noise and vibration effects (FRA 2012).

The FRA guidance was specifically used in the application of the criteria of adverse effects under 36 C.F.R. 800.5(a)(2)(iv) and (v). Historically significant sites are considered noise-sensitive, for example, depending on their land use activities, with some being more sensitive to changes in noise levels than others. Those potentially sensitive to noise are historic properties that include considerable outdoor use required for site interpretation; historic sites used as residences; historic buildings with indoor use of an interpretive nature involving meditation and study; and museums, significant birthplaces, and buildings in which significant historical events occurred. Other historic properties, such as commercial and industrial properties, are not sensitive to changes in noise levels because the function, operation, and activities within these buildings are usually compatible with higher noise levels (FRA 2012: 3-8).

Similarly, the nature and condition of historic properties were taken into account during the assessment of potential vibration effects. “It is extremely rare for vibration from train operations to cause any sort of building damage, even minor cosmetic damage. However, there is sometimes concern about damage to fragile historic buildings located near the right-of-way. Even in these cases, damage is unlikely, except when the track will be very close to the structure (FRA 2012: 7-4).” It is also rare for construction vibration to cause physical damage to buildings or structures, except in the case of fragile historic properties in close proximity to construction sources causing high levels of ground-borne vibration (FRA 2012: 10-12, 10-13).

Figure 4-1 provides comparative noise levels for high-speed train operations and other sources of noise. “Typical A-weighted sound levels range from the 40s to the 90s, where 40 is very quiet and 90 is very loud. The scale in the figure is labeled ‘dBA’ to denote the way A-weighted sound levels are typically written. The letters ‘dB’ stand for ‘decibels’ and refer to the general strength of the noise. The letter ‘A’ indicates that the sound has been filtered to reduce the strength of very low and very high frequency sounds, much as the human ear does. Without this A-weighting, noise monitoring equipment would respond to events people cannot hear, such as high-frequency dog whistles and low-frequency seismic disturbances. On the average, each A-weighted sound level increase of 10 dB corresponds to an approximate doubling of subjective loudness” (FRA 2012: 2-2 and 2-3).

Table 4-2 and Table 4-3 provide comparative vibration levels for construction equipment and potential damage to various types of buildings. Table 4-2 provides generalized information for “various types of construction equipment [that were] measured under a wide variety of construction activities with an average of source levels reported.” The FRA guidance goes on to state that although there is one vibration level shown “for each piece of equipment, it should be noted that there is a considerable variation in reported ground vibration levels from construction activities. The data provides a reasonable estimate for a wide range of soil conditions” (FRA 2012: 10-11).



**Figure 4-1 Comparison of Typical Maximum Sound Levels**

The sound levels shown are estimated levels at 50 feet between the source of the sound and the receptor, such as a historic property (Federal Railroad Administration 2012)

**Table 4-2 Vibration Source Levels for Construction Equipment**

Equipment		PPV* at 25 feet (in/sec)	Approximate L <sub>v</sub> at 25 feet
Pile driver (impact)	Upper range	1.518	112
	Typical	0.644	104
Pile driver (vibratory)	Upper range	0.734	105
	Typical	0.170	93
Clam shovel drop (slurry wall)		0.202	94
Hydromill (slurry wall)	In soil	0.008	66
	In rock	0.017	75
Vibratory roller		0.210	94
Hoe ram		0.089	87
Large bulldozer		0.089	87
Caisson drilling		0.089	87
Loaded trucks		0.076	86
Jackhammer		0.035	79
Small bulldozer		0.003	58

Source: Federal Railroad Administration, 2012

\* PPV in/sec = peak signal value of an oscillating vibration velocity waveform, expressed in inches per second.

† L<sub>v</sub> = RMS velocity in decibels (vibration velocity level, or VdB) re 1 in/sec.

in/sec = inch(es) per second      RMS = root-mean-square

PPV = peak particle velocity      VdB = vibration velocity decibels

**Table 4-3 Construction Vibration Damage Criteria**

Building Category	PPV (in/sec)	Approximate L <sub>v</sub>
I. Reinforced-concrete, steel or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Nonengineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: Federal Railroad Administration, 2012

\* PPV in/sec = peak signal value of an oscillating vibration velocity waveform, expressed in inches per second.

† L<sub>v</sub> = RMS velocity in decibels (VdB) re 1 in/sec.

in/sec = inch(es) per second      RMS = root-mean-square

PPV = peak particle velocity      VdB = vibration velocity decibels

Comparing the typical source vibration levels shown in Table 4-2 with the construction vibration damage criteria in Table 4-3 demonstrates that the only typical construction methods that would exceed the damage criteria threshold for all building categories are impact pile driving and upper-range vibratory pile driving at a distance of 25 feet (FRA 2012: 10-12 and 10-13). All other typical equipment listed in Table 4-2 would produce, at a distance of 25 feet, vibration at levels below the damage criteria thresholds for all building categories, with a few exceptions—vibratory rollers and material dropped from a clam shovel (slurry wall) could exceed Category III and IV criteria, and the typical range of a vibratory pile driver at 25 feet could exceed Category IV criteria. Otherwise, most construction methods, even at 25 feet, would not exceed the damage criteria for even the most sensitive or fragile historic building.

## 4.2 Built-Environment Historic Properties

This section assesses seven historic properties within the APE that have the potential to be affected by the proposed Bakersfield to Palmdale Project Section VERs. These properties are within the cities of Bakersfield and Lancaster, or in unincorporated Kern or Los Angeles counties. The properties represent a wide variety of property types, including residential, commercial/industrial, civic, and irrigation uses. Surveys for the built environment in the Bakersfield to Palmdale Project Section VERs APE are 100 percent complete. For details, see the summary of historic properties in [Table 4-4](#). For effects analysis of other historic properties in the APE that are not potentially affected by the VERs, please refer to the B-P FOE (Authority 2020a).

**Table 4-4 Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect**

Map ID No.	APN	Resource Name and Address	City, County	Year Built	Effect Findings
N/A	Multiple APNs	Big Creek Hydroelectric System Historic District North of Edison Highway, east of Fairfax Road	Bakersfield (vicinity) / Kern	1912-1927	Adverse Effect
MR 027	Multiple APNs	First Los Angeles Aqueduct About 1 mile SW of Tehachapi-Willow Springs Road and about 6 miles NW of Willow Springs (multiple APNs)	Willow Springs (vicinity) / Kern	1908-1913	No Adverse Effect
MR 054	3134011901	Lancaster Post Office 567 W Lancaster Boulevard, Lancaster	Lancaster / Kern	1941	No Adverse Effect
MR 055	3134011912	Western Hotel 557 W Lancaster Boulevard, Lancaster	Lancaster / Kern	ca. 1890	No Adverse Effect
MR 117	3138018009	Residence at 332 W. Lancaster Boulevard	Lancaster / Kern	ca. 1910	No Adverse Effect
MR 118	3138018008	Residence at 44847 Trevor Avenue	Lancaster / Kern	ca. 1920-1925	No Adverse Effect
MR 120	3134015918	Cedar Avenue Historic District	Lancaster / Kern	1920-1938	No Adverse Effect

Alt = Alternative  
aka = also known as  
APN = Assessor's Parcel Number

MR = Map Reference  
N/A = not applicable

NW = northwest  
SW = southwest

The remainder of this section provides analysis of potential adverse effects that may be caused by construction and use of the project section, and proposed conditions or treatments to address adverse effects. Representative photographs of the historic properties are also included for visual reference. See BP HASR (Authority and FRA 2017b), BP FOE (Authority 2020a), and VERs APE Memorandum (Authority 2020b) for more information about each property.



### 4.2.1 Big Creek Hydroelectric System Historic District (BCHSHD)

Map Reference Numbers: 5, 6, and 7 (contributors)

Location: Kern County



**Figure 4-2 Big Creek Hydroelectric System Historic District**

The APE for the VERs intersects a portion of the Big Creek Hydroelectric System Historic District (BCHSHD), an early 20th century hydroelectric generation and transmission system that extends from Huntington Lake, northwest of Fresno, southward to the Eagle Rock Substation, west of Pasadena (Figure 4-2). The BCHSHD consists of 48 contributing buildings and structures, 3 of which are within the APE: MR 005 (Magunden Substation); MR 006 (Vincent Transmission Line); and MR 007 (Big Creek East and Big Creek West Transmission Lines) (Figure 4-3).



**Figure 4-3 Magunden Substation and Vincent, Big Creek East, and Big Creek West Transmission Lines, East Bakersfield**

The BCHSHD is significant at the state level, within the area of community planning and development, for its influential role in the physical development of the state and its hydroelectric generation industry during the early 20th century (Criteria A and 1). It is also eligible at the state level as a significant and representative example of early 20th century hydroelectric engineering and development (Criteria C and 3). The period of significance of the BCHSHD extends from 1909, when construction began on the initial features of the system, to 1929, when the key components of the system were completed.

See the BP HASR and FOE for a description of this historic property (Authority and FRA 2017b; Authority 2020a).

#### **4.2.1.1 Preferred Alternative—Application of Criteria of Adverse Effect**

Two options are under study for different ways to reconfigure Big Creek East and West, and Vincent Transmission Lines to span the project. In addition to the adverse effects previously analyzed in the FOE, the VERs would cause the relocation of two additional lattice steel transmission towers of Big Creek East and West Transmission Line. The following analyzes this additional project element that would modify components of the BCHSHD within the APE (see Appendix C for drawings, and Figure 4-4, Figure 4-5, Figure 4-6, and Figure 4-7 for existing conditions and visual simulations of the two options). This analysis applies to the BCHSHD as a whole. Potential effects to individual contributors to the BCHSHD are addressed in subsequent sections.





**Figure 4-4 Magunden Substation Vicinity, Existing Site—Camera Facing West**



**Figure 4-5 Magunden Substation Vicinity, Existing Site—Camera Facing West. The VERs would relocate the existing towers at left further south to make space for a traction power station.**





**Figure 4-6 Magunden Substation, Proposed Design—Option B. The VERs would relocate the existing towers at left further south to make space for a traction power station.**

This revised project activity does not change the previous finding of adverse effect because the VERs do not propose changes to the project actions that have been previously determined to cause an adverse effect to BCHSHD. The VERs revision relocates two transmission towers south of their existing location within the existing right-of-way. This minor change does not alter the character-defining features of the historic property. Southern California Edison, who owns and operates the transmission line, considers relocation of towers within the same transmission corridor a part of regular maintenance and does not consider such actions adverse to historic properties (SCE 2015, updated 2017: 89).

The project components analyzed in the FOE cause an adverse effect to BCHSHD (Authority 2020a). The VERs do not cause any additional adverse effects to this historic property.

#### **4.2.1.2 *Magunden Substation—Contributor to the Big Creek Hydroelectric System Historic District***

Map Reference Number: 5

APN: 14505006

Location: North of Edison Highway, east of Fairfax Road

##### **Preferred Alternative—Application of Criteria of Adverse Effect**

The substation was analyzed for effects in the BP FOE (Authority 2020a). The VERs do not propose any actions that have the potential to adversely affect Magunden Substation.

#### **4.2.1.3 *Big Creek East and West Transmission Lines—Contributor to the Big Creek Hydroelectric System Historic District***

Map Reference Number: 6

Location: Transmission lines cross the APE near the intersection of Edison Highway and Fairfax Road

### **Preferred Alternative—Application of Criteria of Adverse Effect**

Two options are under study for different ways to reconfigure Big Creek East and West, and Vincent Transmission Lines to span the project. In addition to the adverse effects previously analyzed in the FOE, the VERs would cause the relocation of two additional lattice steel transmission towers of Big Creek East and West Transmission Line. The following analyzes this additional project element that would modify components of the Big Creek East and West Transmission Line within the APE (see Appendix C for drawings, and Figure 4-4, Figure 4-5, Figure 4-6, and Figure 4-7 for existing conditions and visual simulations of the two options).

This revised project activity does not change the previous finding of adverse effect because the VERs do not propose changes to the project actions previously determined to cause an adverse effect to Big Creek East and West Transmission Line. The VERs revision that relocates two transmission towers of Big Creek East and West Transmission Line south of their existing location within the existing right-of-way is a minor change that does not alter the character-defining features of the historic property. Southern California Edison, who owns and operates the transmission line, considers relocation of towers within the same transmission corridor a part of regular maintenance and does not consider such actions adverse to historic properties (SCE 2015, updated 2017: 89).

The project components analyzed in the FOE cause an adverse effect to Big Creek East and West Transmission Line (Authority 2020a). The VERs do not cause any additional adverse effects to this historic property.

#### **4.2.1.4 Vincent Transmission Line—Contributor to the Big Creek Hydroelectric System Historic District**

Map Reference Number: 7

Location: Transmission line crosses the APE near the intersection of Edison Highway and Fairfax Road

### **Preferred Alternative—Application of Criteria of Adverse Effect**

The Vincent Transmission Line was analyzed for effects in the BP FOE (Authority and FRA 2020a). The VERs do not propose any actions that have the potential to adversely affect transmission Line.

#### **4.2.2 La Paz**

Map Reference Number: 21

Location: Kern County

### **Preferred Alternative—Application of Criteria of Adverse Effect**

La Paz was analyzed for effects in the BP FOE (Authority 2020a). The VERs do not propose any actions that have the potential to adversely affect La Paz. For the Finding of Effects analysis for the La Paz historic property, refer to Appendix C of the BP FOE (Authority and FRA 2020a).

#### **4.2.3 Keene Fire Station (Kern County Fire Station 11)**

Map Reference Number: 22

Location: Kern County

### **Preferred Alternative—Application of Criteria of Adverse Effect**

Keene Fire Station was analyzed for effects in the BP FOE (Authority 2020a). The VERs do not propose any actions that have the potential to adversely affect this historic property.

### 4.2.4 First Los Angeles Aqueduct, Segment of Linear Property

Map Reference Number: 27

Location: Kern County

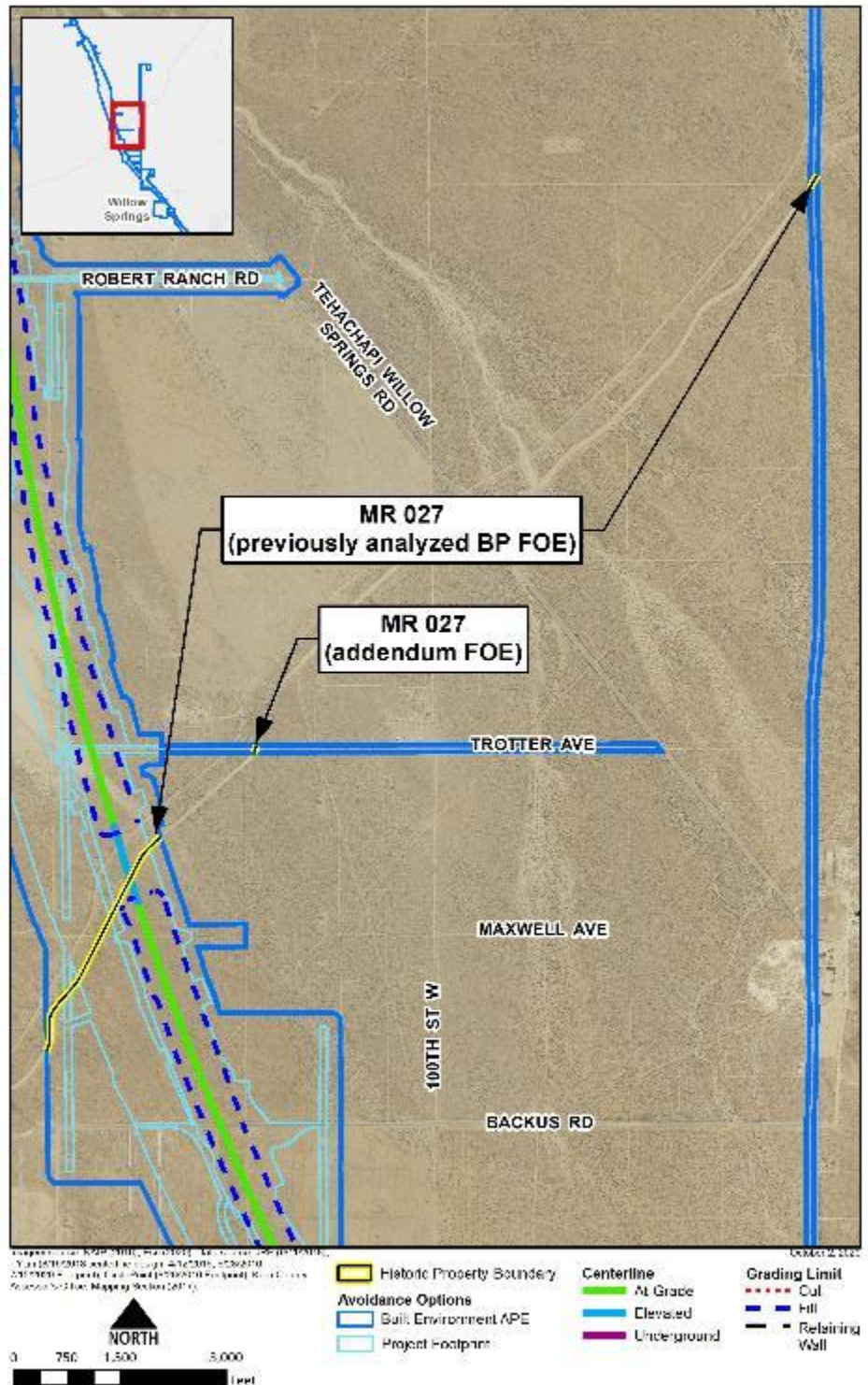


Figure 4-7 First Los Angeles Aqueduct

As shown on Figure 4-7, the APE for the HSR project intersects three segments of the First Los Angeles Aqueduct, located west of the communities of Mojave and Rosamond (Kern County). This historic property is eligible for listing in the NRHP and CRHR at the state level of significance for the important role it played in the development of the City of Los Angeles during the early 20th century; for its associations with the economics and politics of California water issues (Criteria A and 1); and under Criteria C and 3 for embodying distinctive characteristics of a type, period, and method of construction, and as the work of a master (William Mulholland, the chief engineer and visionary behind the project).

See the BP HASR and FOE for a description of this historic property (Authority and FRA 2017b; Authority 2020a).

Potential adverse effects to two of the segments have been previously analyzed in the BP FOE and determined to not cause adverse effects to either segment. The VERs revision includes paving of a dirt road, Trotter Avenue, that bisects the aqueduct. The following analyzes that proposed project action for adverse effects to First Los Angeles Aqueduct.



**Figure 4-8 Los Angeles Aqueduct, Typical Segment West of Rosamond**



**4.2.4.1 Preferred Alternative—Application of Criteria of Adverse Effect**

This revised project activity does not change the previous finding of no adverse effect with implementation of IAMFs for First Los Angeles Aqueduct because the VERs do not propose any actions that would cause an adverse effect. The dirt road, Trotter Avenue, that crosses the aqueduct and the project proposes to pave is not character defining of the historic property. Adding pavement to the road does not materially alter the aqueduct in any way (36 C.F.R. 800.5[a][2][i][ii]). Other paved corridors like Oak Creek Road and Highway 58 cross the aqueduct in this vicinity and do not reduce the historic integrity of the aqueduct nor prevent it from conveying historical significance.

Paving Trotter Avenue across First Los Angeles Aqueduct has no potential to cause adverse noise or vibration effects (36 C.F.R. 800.5[a][2][v]).

Adding pavement to an already existing road across First Los Angeles Aqueduct will not cause an adverse visual effect. Road crossings are characteristic of linear resources and this project action has no potential to introduce any visual elements that diminish the historic integrity of this historic property under (C.F.R. 800.5(a)(2)(iv) and (v)).



**Figure 4-9 First Los Angeles Aqueduct, Existing Site at Intersection with Trotter Avenue. Camera facing East, March 30, 2016**

## **4.2.5 Willow Springs International Raceway**

Map Reference Number: 28

Location: Kern County

### **Preferred Alternative—Application of Criteria of Adverse Effect**

Willow Springs Raceway was analyzed for effects in the BP FOE (Authority 2020a). The VERs do not propose any actions that have the potential to adversely affect this historic property.

### 4.2.6 Lancaster Post Office Building

Map Reference Number: 54

Location: Los Angeles County



Figure 4-10 Lancaster Post Office Building

The VERs include construction of a Lancaster Boulevard underpass at the UPRR and Sierra Highway in Lancaster one block east of Lancaster Post Office, an historic property determined eligible for listing in the NRHP and CRHR. The post office building is individually significant at the local level, under NRHP Criterion C and CRHR Criterion 3, as an excellent and transitional example of the Public Works Administration Moderne/Stripped Classical architectural style. The post office is also eligible under NRHP/CRHR Criteria A/1 for the José Moya del Piño mural on the (interior) lobby wall because it is an integral part of the building as originally constructed.

See the BP HASR and BP FOE for a description of this property and a list of character-defining features (Authority and FRA 2017b; Authority 2020a).

The following analyzes this proposed VERs for adverse effects to Lancaster Post Office.



**Figure 4-11 Lancaster Post Office, 567 W Lancaster Boulevard, Lancaster**

#### **4.2.6.1 Preferred Alternative—Application of Criteria of Adverse Effect**

This revised project activity does not change the previous finding of no adverse effect for Lancaster Post Office because the VERs do not propose any actions that would cause an adverse effect.

The vantage point of the visual simulation of the underpass shown in Figure 4-21 is from Beech Avenue facing east. The Lancaster Post Office is one block behind (west) of the vantage point of the camera. The roadway matches existing grade approximately one half-block west of the vantage point of the simulated view.





**Figure 4-12 Existing conditions on Lancaster Boulevard east of Beech Avenue**



**Figure 4-13 Visual Simulation of Lancaster Boulevard underpass from Beech Avenue facing east**

The construction and operation of the HSR project with the underpass proposed by the VERs would not result in any adverse effects for the Lancaster Post Office located at 567 W Lancaster Boulevard in Lancaster. Construction of the underpass would not require removal of, physical destruction of, or damage to this historic property as described at 36 C.F.R. 800.5[a][2][i], [ii], and [iii]).

The HSR project would not result in adverse effects from the introduction of new visual elements caused by construction of the Lancaster Boulevard underpass (36 C.F.R. 800.5[a][2][iv] and [v]). While the underpass may be visible to the east of this historic property, the view of this project element one block from the post office would not prevent observation of the historically significant architecture of Lancaster Post Office.

The VERs would result in no adverse effect to the Lancaster Post Office at 567 W Lancaster Boulevard because the effects of the project would not meet the Criteria of Adverse Effect at 36 C.F.R. 800.5(a)(1).

#### **4.2.6.2 Conditions and Treatments Proposed**

Adverse effects to this historic property may be avoided by implementation of the following standardized IAMFs.

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #6—Pre-Construction Conditions Assessment, Plan for Protection of Historic Built Resources, and Repair of Inadvertent Damage

### 4.2.7 Western Hotel Building

Map Reference Number: 55

Location: Los Angeles County



Figure 4-14 Western Hotel



The VERs include construction of a Lancaster Boulevard underpass at the UPRR and Sierra Highway in Lancaster, approximately one half-block east of Western Hotel. This historic property is significant under NRHP Criteria A and CRHR Criteria 1 at the local level as one of Lancaster's oldest buildings, first hotels, and most important community gathering places during the town's formative years and under NRHP Criterion C and CRHR Criterion 3 as a relatively rare, intact surviving example of Victorian-era architecture in Lancaster.

See the BP HASR and BP FOE for evaluation of Western Hotel for listing in the NRHP and for descriptions of character-defining features (Authority and FRA 2017b; Authority 2020a).

The following analyzes the proposed VERs for adverse effects to Western Hotel, an historic property determined eligible for listing in the NRHP and CRHR.



Figure 4-15 Western Hotel, 557 W Lancaster Boulevard, Lancaster

#### **4.2.7.1 Preferred Alternative—Application of Criteria of Adverse Effect**

This revised project activity does not change the previous finding of no adverse effect for Western Hotel because the VERs do not propose any actions that would cause an adverse effect.

The vantage point of the visual simulation of the underpass shown in Figure 4-21 is from Beech Avenue facing east. Western Hotel is approximately one half-block behind (west) of the vantage point of the camera. The roadway matches existing grade approximately one parcel east of Western Hotel.



**Figure 4-16 Existing Conditions on Lancaster Boulevard east of Beech Avenue**



**Figure 4-17 Visual Simulation of Lancaster Boulevard underpass from Beech Avenue facing east**

The construction and operation of the HSR project with the underpass proposed by the VERs would not result in any adverse effects for the Western Hotel in Lancaster. Construction of the underpass would not require removal of, physical destruction of, or damage to this historic property as described at 36 C.F.R. 800.5[a][2][i], [ii], and [iii]).

The HSR project would not result in adverse effects from the introduction of new visual elements caused by construction of the Lancaster Boulevard underpass (36 C.F.R. 800.5[a][2][iv] and [v]). While the underpass may be visible to the east of this historic property, the view of this project from the historic property would not prevent observation of the historically significant architecture and character-defining features of Western Hotel.

The VERs would result in no adverse effect to the Western Hotel because the effects of the project would not meet the Criteria of Adverse Effect at 36 C.F.R. 800.5(a)(1).

#### **4.2.7.2 Conditions and Treatments Proposed**

Adverse effects to this historic property may be avoided by implementation of the following standardized IAMFs.

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #6—Pre-Construction Conditions Assessment, Plan for Protection of Historic Built Resources, and Repair of Inadvertent Damage

#### **4.2.8 Denny's Restaurant Building**

Map Reference Number: 93

Location: Los Angeles County

##### **Preferred Alternative—Application of Criteria of Adverse Effect**

Denny's Restaurant Building was analyzed for effects in the BP FOE (Authority 2020a). The VERs do not propose any actions that have the potential to adversely affect this historic property.



### 4.2.9 332 W Lancaster Boulevard

Map Reference Number 117

Location: Los Angeles County



Figure 4-18 332 W Lancaster Boulevard

The APE for the VERs was expanded eastward on W Lancaster Boulevard to include a Lancaster Boulevard underpass at the UPRR and Sierra Highway (Figure 4-18). The VERs APE Memorandum revised the APE to include this property at 332 W Lancaster Boulevard in Lancaster (Authority 2020b) (Figure 4-19). The memorandum also evaluated the property for eligibility for listing in the NRHP and CRHR.



**Figure 4-19 332 W Lancaster Boulevard, Lancaster**

The residence at 332 W Lancaster Boulevard meets the criteria for listing in the NRHP and the CRHR under NRHP Criterion C and CRHR Criterion 3 as an important local example of Craftsman architecture. The period of significance is 1910, the approximate date of its original construction. The historic property boundary is the parcel boundary.

The architectural elements that define this property as Craftsman and are character-defining features are the front-gable roofline, one-story massing, overhanging exposed eaves and rafters, full-width entry porch with grouped square columns, leaded glass and wood-frame windows, and horizontal wood siding. The detached garage that was built about 15 years later, and the gazebo and outbuilding built after 1971, all fall outside the period of significance—1910—and therefore are not eligible under these criteria and are non-contributing elements of the property.

#### **Preferred Alternative—Application of Criteria of Adverse Effect**

The proposed Lancaster Boulevard underpass would sever vehicular access to the driveway currently leading from Lancaster Boulevard and would prevent street parking on Lancaster Boulevard in front of the residence (Figure 4-20). To avoid potential adverse effects caused by terminating vehicular access to the residence, the project proposes implementation of IAMFs to compensate the property owner for reconfiguring the driveway to provide access from Trevor Avenue. The project will provide access to the residence during construction (see Section 4.2.9.2 below).





**Figure 4-20 Detail from Lancaster Blvd Undercrossing Plan drawing, in-progress draft, 10/15/2020. Source: TY Lin International, 2020**

Construction of the underpass would not require removal of, physical destruction of, or damage to any character-defining features of this historic property as described at 36 C.F.R. 800.5[a][2][i], [ii], and [iii]). The project proposes to demolish the low retaining wall on the Lancaster Boulevard side of the property; however, this retaining wall is not character-defining of the historic property and this proposed action will not cause an adverse effect.

Technical analysis (Authority 2018b) indicates that the Preferred Alternative will not cause vibration-related damage to this historic property; therefore, no adverse vibration effects, as described in 36 C.F.R. 800.5(a)(2)(v), would result from the construction or operation of the HSR project. Please refer to Section 4.1 of the BP FOE for a description of typical construction vibration levels and the low potential for damage to historic properties.

Introduction of the underpass into the immediate setting of the residence would not cause an adverse visual effect because no part of the underpass would obstruct pedestrian or vehicular passersby on Lancaster Boulevard from observing the character-defining architecture of the residence. The underpass would be within approximately one half-block of the point of matching existing grade in front of the residence. The addition of an underpass to Lancaster Boulevard would not cause an adverse effect to the setting of the residence because Lancaster Boulevard remains a primary thoroughfare, lined by commercial and residential buildings as it was historically, and this residence has been oriented fronting the boulevard since the period of significance (36 C.F.R. 800.5(a)(2)(v)).

The anticipated noise from operation of the HSR system would not cause adverse effects to this property because the setting of this residence has been characterized by the nearby Sierra Highway and UPRR since its period of significance. This residence is in the city center of Lancaster and fronts a main thoroughfare (Lancaster Boulevard), and is in close proximity (a block and a half to the west) of the existing UPRR rail corridor and existing Sierra Highway vehicular corridor.

The Preferred Alternative would result in no adverse effect to the residence at 332 W. Lancaster Boulevard with implementation of the IAMF's identified in the following section.

#### **4.2.9.2 Conditions and Treatments Proposed**

Adverse effects to this historic property may be avoided by implementation of the following standardized IAMFs.

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #6—Pre-Construction Conditions Assessment, Plan for Protection of Historic Built Resources, and Repair of Inadvertent Damage
  - This IAMF is only required for the residence. The garage and retaining wall fronting Lancaster Boulevard are not character-defining of this historic property.
- CUL-IAMF #7—Built-Environment Monitoring Plan
  - The Built-Environment Monitoring Plan will include periodic field checks of the historic property during construction.
- SOCIO-IAMF #1—Construction Management Plan
  - This IAMF is required for development of a plan to maintain vehicular access to the residence during construction.
- SOCIO-IAMF #2—Compliance with Uniform Relocation Assistance and Real Property Acquisition Policies Act
  - This IAMF is required to compensate the property owner for relocation of the driveway to maintain vehicular access to the property.

### 4.2.10 44847 Trevor Avenue

Map Reference Number 118

Location: Los Angeles County



Figure 4-21 44847 Trevor Avenue



The APE for the VERs was expanded eastward on W Lancaster Boulevard to include a Lancaster Boulevard underpass at the UPRR and Sierra Highway (Figure 4-20). The VERs APE Memorandum revised the APE to include this property at 44847 Trevor Avenue in Lancaster (Authority 2020b) (Figure 4-21). The memorandum also evaluated the property for eligibility for listing in the NRHP and CRHR.

The primary residence on at 44847 Trevor Avenue in Lancaster (Figure 4-22) individually meets the criteria for listing in the NRHP and the CRHR under NRHP Criterion C and CRHR Criterion 3 as an important local example of Spanish Revival-style architecture. The period of significance is 1925, its approximate date of construction. The historic property boundary is legal parcel. The other buildings on the parcel do not meet the NRHP or CRHR significance criteria and are not eligible for listing in either register.

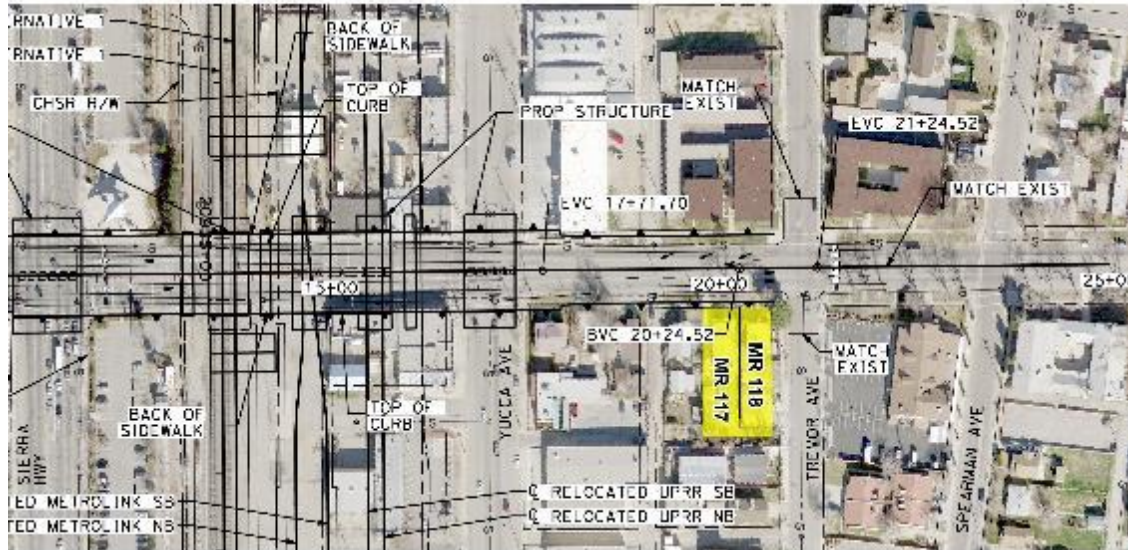


**Figure 4-22 Spanish Revival Residence at 44847 Trevor Avenue, Lancaster**

The architectural elements that define the character of this property are the asymmetrical façade, flat roof with parapet walls, red clay mission tile roofing material, stepped and tapered corner elements, arched entry, open patios with low walls, wood-frame windows, and stucco exterior walls, as well as the mortared river rock retaining wall at the east and north sides of the parcel.

#### **Preferred Alternative—Application of Criteria of Adverse Effect**

The proposed Lancaster Boulevard underpass would not prevent street parking along Trevor Avenue nor would it change access to the garage or building entrances that face Trevor Avenue. Parking on Lancaster Boulevard in front of the residence would be eliminated; however, there are no existing curb cuts or other vehicular access to the parcel from Lancaster Boulevard (Figure 4-23). To avoid adverse effects caused by loss of parking and access along Trevor Avenue during the project will implement IAMFs (to see Section 4.2.10.2 below).



**Figure 4-23 Detail from Lancaster Blvd Undercrossing Plan drawing, in-progress draft, 10/15/2020. Source: TY Lin International, 2020**

Construction of the underpass would not require removal of, physical destruction of, or damage to any character-defining features of this historic property as described at 36 C.F.R. 800.5[a][2][i], [ii], and [iii]). The character-defining, low, river rock, retaining wall on the Lancaster Boulevard and Trevor Avenue sides of this property would remain and would be protected in place.

Technical analysis (Authority 2018b) indicates that the Preferred Alternative will not cause vibration-related damage to this historic property; therefore, no adverse vibration effects, as described in 36 C.F.R. 800.5(a)(2)(v), would result from the construction or operation of the HSR project. Please refer to Section 4.1 of the BP FOE for a description of typical construction vibration levels and the low potential for damage to historic properties.

Introduction of the underpass into the immediate setting of the residence would not cause an adverse visual effect because no part of the underpass would obstruct pedestrian or vehicular passersby on Lancaster Boulevard from observing the character-defining architecture of the residence. The underpass would be within approximately one half-block of the point of matching existing grade in front of the Lancaster Boulevard side of the residence. The addition of an underpass to Lancaster Boulevard would not cause an adverse effect to the setting of the residence because Lancaster Boulevard remains a primary thoroughfare, lined by commercial and residential buildings as it was historically, and this residence has been oriented fronting the boulevard since the period of significance (36 C.F.R. 800.5(a)(2)(v)).

The anticipated noise from operation of the HSR system would not cause adverse effects to this property because the setting of this residence has been characterized by the nearby Sierra Highway and UPRR since its period of significance. This residence is in the city center of Lancaster and fronts a main thoroughfare (Lancaster Boulevard), and is in close proximity (about two blocks west) of the existing UPRR rail corridor and existing Sierra Highway vehicular corridor.

The Preferred Alternative would result in no adverse effect to the residence at 44847 Trevor Avenue with implementation of the IAMF's identified in the following section.



#### **4.2.10.2 Conditions and Treatments Proposed**

Adverse effects to this historic property may be avoided by implementation of the following standardized IAMFs.

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #6—Pre-Construction Conditions Assessment, Plan for Protection of Historic Built Resources, and Repair of Inadvertent Damage
  - This IAMF is required for the main Spanish Revival residence and the river rock retaining wall.
- CUL-IAMF #7—Built-Environment Monitoring Plan
  - The Built-Environment Monitoring Plan will include periodic field checks of the historic property during construction.
- SOCIO-IAMF #1—Construction Management Plan
  - This IAMF is required for development of a plan to maintain vehicular access to the residence during construction.

### 4.2.11 Cedar Avenue Historic District / Cedar Avenue Complex

Map Reference Number 120

Location: Los Angeles County



Figure 4-24 Cedar Avenue Historic District / Cedar Avenue Complex

The VERs include construction of a Lancaster Boulevard underpass of the UPRR and Sierra Highway in Lancaster. The change in grade of Lancaster Boulevard would extend westward from the project to a point about one block east of Cedar Avenue Historic District. This historic property is in the APE because Alternative 5 would place the underpass further west than the Preferred Alternative. The preferred alternative has no potential to adversely affect this historic property. The following analyzes the Alternative 5 design for adverse effects to the historic district.

The VERs APE Memorandum identified the Cedar Avenue Historic District / Cedar Avenue Complex, which is listed in the NRHP (Authority 2020b). The Keeper of the NRHP listed Cedar Avenue Historic District / Cedar Avenue Complex on September 30, 1993. There are five governmental buildings within the historic district boundary formed by the parcel at the southwest corner of Cedar Avenue and W. Lancaster Boulevard in Lancaster. Four buildings are contributors to the historic district: County Health Center, Memorial Hall and Office Building, Jail, and Sheriff's Substation. The highly altered Sheriff's Garage does not contribute to the historic district. Cedar Avenue Complex is historically significant at the local level under NRHP Criterion A in the area of Politics/Government because it served as the Los Angeles County Government Center for the Antelope Valley from 1920 to the 1960s. It is also locally significant under NRHP Criterion C for the Moderne architectural design of the major buildings and its construction as a Public Works Administration project designed by Edward C. Brett, Chief Architect for the Mechanical Department of the County of Los Angeles. The period of significance for the historic district is 1920–1943. Because this property was listed in the NRHP, it has been automatically listed in the CRHR (Wilson 1993: 3, 8-9).



**Figure 4-25 Cedar Avenue Historic District / Cedar Avenue Complex on the southwest corner of Cedar Avenue and West Lancaster Boulevard**

The character-defining features of Cedar Avenue Complex are:

- Repeated simple parallel geometry, which is found in the vertical stepping back of the elevation flanking the main entrance and the horizontal multiple shallow setbacks of the exterior wall at the parapet,

- Overall horizontal emphasis in massing and detailing which is observed in the building base, raised band at the head of the second-floor windows, setbacks at the parapet, and “streamlined” reveal fascia trim at the eyebrow canopies at entrance doors,
- A medallion centered on a major building element, which is simply a raised plaster disc,
- A suggestion of classicism appropriate to a symbol of government, including a balanced composition of building mass, window screens, simply molded horizontal window hoods, and a clear division of the building top, middle, and base,
- Prototypical thin entry canopies with metal trim revealed to form horizontal striping along the fascia,
- Cleanly rendered metal details, including the entry canopy fascia, metal and glass lanterns flanking the entrances, and architectural signage consisting of distinct art deco typeface (sans serif, simple geometry, thin horizontal strokes) (Wilson 1993: 11-12).

#### **4.2.11.1 Alternative 5—Application of Criteria of Adverse Effect**

The construction and operation of the Lancaster Boulevard underpass proposed by the VERs would not result in any adverse effects for the Cedar Avenue Historic District in Lancaster. Construction of the underpass would match existing grade approximately one half-block to the east and would not require removal of, physical destruction of, or damage to this historic property as described at 36 C.F.R. 800.5[a][2][i], [ii], and [iii]).

The HSR project would not result in adverse effects from the introduction of new visual elements caused by construction of the Lancaster Boulevard underpass (36 C.F.R. 800.5[a][2][iv] and [v]). While the underpass may be visible to the east of this historic property, the view of this project element to the east of the historic district would not prevent observation of the historically significant architecture of Cedar Avenue Complex / Cedar Avenue Historic District.

The VERs would result in no adverse effect to the Cedar Avenue Complex / Cedar Avenue Historic District because the effects of the project would not meet the Criteria of Adverse Effect at 36 C.F.R. 800.5(a)(1).

#### **4.2.11.2 Conditions and Treatments Proposed**

Adverse effects to this historic property may be avoided by implementation of the following standardized IAMFs.

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #6—Pre-Construction Conditions Assessment, Plan for Protection of Historic Built Resources, and Repair of Inadvertent Damage

### **4.3 Archaeological Historic Properties**

This section describes the two additional known archaeological historic properties identified within the modified APE to account for the VERs. These sites consist of one prehistoric site (P-15-001042/CA-KER-1042) and one historic-period site (P-15-016253/CA-KER-8486H). These historic properties were previously identified and recorded by others, records for which are on file at the Southern San Joaquin Valley Information Center. These historic properties are described below in Sections 4.3.1 through 4.3.2 in the order of their location between Bakersfield and Palmdale, and are listed in [\\_Ref498940615](#) Table 1-3 and Table 4-4.

The locations of archaeological historic properties are indicated on maps included as a confidential appendix to the ASR and VERs APE Memorandum (Authority 2017a, Appendix A Authority 2020b) and site boundaries are based on data on file at the Southern San Joaquin Valley Information Center.



To date, these archaeological historic properties have not been formally evaluated for their eligibility for listing in the NRHP, and the SHPO has not previously concurred on their eligibility. Pursuant to the Section 106 PA, Stipulation VI.C.1, “known archaeological sites that cannot be evaluated prior to approval of an undertaking will be presumed NRHP eligible.” Under that stipulation, therefore, archaeological resources within the APE that cannot be exempted from evaluation pursuant to Attachment D of the Section 106 PA or that have not been previously evaluated for their eligibility for listing in either the NRHP or CRHR shall be treated as historic properties for purposes of the undertaking. These two archaeological historic properties are considered potentially eligible for listing under NRHP Criterion D (i.e., have yielded, or may be likely to yield, information important in prehistory or history) until such time that additional study proves to the contrary and the SHPO provides concurrence regarding lack of eligibility.

As stipulated in the Section 106 PA (Stipulations VI.E and VIII.A.1), a phased identification (including additional survey, testing, and evaluation of archaeological resources) will be necessary as property access is granted, the project design is refined, and where adverse effects are likely to occur. These phased efforts would be conducted pursuant to the MOA and ATP, and would be documented in Addendum ASRs, Extended Phase I, and Archaeological Evaluation Reports. If previously unidentified archaeological historic properties are found during future survey, testing, or monitoring, these properties would be assessed in accordance with Section 106 PA Stipulation VII (Assessment of Adverse Effects). Any adverse effects would be addressed in accordance with Section 106 PA Stipulation VIII (Treatment of Historic Properties).

Section 4.4 includes an analysis of potential adverse effects that may be caused by construction and operation of the Bakersfield to Palmdale Project Section. Proposed conditions or treatments to address those effects are also presented in Section 4.4.

#### **4.3.1 P-15-001042/CA-KER-1042**

Uli, Winnick, and Nordstrom recorded P-15-001042 in 1979 [REDACTED]

[REDACTED] Access to this property was not available at the time of the survey.

#### **4.3.2 P-15-016253/CA-KER-486H**

Pacific Legacy, Inc. recorded P-15-016251 in 2010 as a historic-period trash scatter 1,000 feet in length and 315 feet in width, with two loci dating to post 1914. Artifacts recorded at the site include; glass fragments (amethyst, green, clear), gasoline can roofing, over 100 cans, and a mechanically prepared surface measuring 40 feet in width and 100 feet in length. Locus A consist of a beverage can scatter within the historic Willow Springs Road and the mechanically prepared surface. Locus B is described as a trash scatter south of an unnamed dirt road associated with a fence line.

The property roughly parallels modern Tehachapi Willow Springs Road and is partially within the archaeological APE. The property is recorded on multiple privately owned parcels for which access was not available at the time of the survey.

### **4.4 Application of the Criteria of Adverse Effects: Archaeological Historic Properties**

These two archaeological properties are unevaluated and will be evaluated in accordance with the MOA and the ATP to be developed for this undertaking. These properties have not been surveyed or formally recorded for the HSR project due to a lack of legal access, and future inventory and formal evaluation of these properties to further assess the potential for adverse effects will be necessary. If they are determined NRHP eligible, these archaeological properties may be subject to direct adverse effects from construction of the Preferred Alternative, and additional archaeological historic properties may be identified in the APE during phased identification efforts conducted for

the project (Section 106 PA, Stipulation VI.E). Direct adverse effects could result from both permanent and temporary project actions that include grading, tunneling, drilling, utility installation, road widening and realignments for construction of grade separations, equipment staging, and travel along access routes to transport materials and personnel to and from construction areas. These construction activities, as described below, may result in adverse effects under 36 C.F.R. 800.5(a)(2)(i) and (iii) to NRHP-eligible archaeological historic properties due to their partial or total physical destruction and/or removal by project excavation.

The HSR project would construct surface and elevated segments of the proposed alignment. Project surface alignments include construction of at-grade, fill-section, and cut-section profiles. Surface tracks would be built on concrete or ballast material placed on compacted soil, and the fill material for the railbed would be obtained from on-site excavations. Elevated alignments include the installation of elevated single-or dual-track structures or straddle bents. Surface and elevated segments of the Preferred Alternative would require extensive excavation for grading, cutting, and filling that may extend outside the final constructed width of the HSR project. The constructed width of these alignments and supporting infrastructure is variable and can range from 60 feet to several hundred feet.

Additional project ground-disturbing activities include utility relocations and connections for construction and operation of the HSR system, roadway overcrossings, road realignment, and use of access roads for HSR project construction. Operation may require grading and improvements to these routes and could potentially result in an adverse effect to archaeological properties that are determined NRHP eligible.

Archaeological historic properties that are determined eligible for listing in the NRHP under Criterion D would be significant for their potential to yield information important in prehistory or history. Therefore, the partial or complete destruction or removal of such sites by the HSR project would effectively diminish the ability of these properties to yield such information by compromising those aspects of their integrity critical to conveying their significance, including integrity of materials and association.

Additionally, effects to archaeological historic properties resulting from visual impacts to setting, ground-borne vibrations, and noise during construction and operation of the HSR system are possible for archaeological historic properties that are determined eligible for listing in the NRHP under Criteria A, B, or C. The Authority would determine the NRHP eligibility and applicable NRHP criteria for archaeological sites following a phased evaluation process, which would be developed through consultation and detailed in the forthcoming ATP.

#### **4.4.1 Potential Standardized Treatments**

Mitigation measures and IAMFs will be developed through ongoing consultation with the SHPO and consulting parties and will be documented in the MOA and ATP. The following IAMFs could be applied to NRHP eligible archaeological historic properties that would be adversely affected during construction and operation of the Preferred Alternative. Those IAMFs that are applicable to the identification and treatment of archaeological historic properties are listed below. Additional project or site-specific IAMFs may also be developed through ongoing consultation.

##### **Impact Avoidance and Minimization Features:**

- CUL-IAMF #1—Geospatial Data Layer and Archaeological Sensitivity Map
- CUL-IAMF #2—WEAP Training Session
- CUL-IAMF #3—Pre-construction Cultural Resource Surveys
- CUL-IAMF #4—Relocation of Project Features when Possible
- CUL-IAMF #5—Archaeological Monitoring Plan and Implementation

##### **Mitigation Measures:**

The Authority has also developed program-wide standardized mitigation measures that could be used to mitigate adverse effects to archaeological historic properties. The selection of applicable standardized mitigation measures and the development of project or site-specific mitigation measures will be performed in consultation with consulting parties to the undertaking.



## 5 CONCLUSION

This Addendum FOE was prepared for the Bakersfield to Palmdale Project Section of the California HSR Project. The Addendum FOE was prepared to assist the Authority in complying with Section 106 of the NHPA and the implementing regulations of the Advisory Council on Historic Preservation, as these pertain to federally funded undertakings and their impacts on historic properties, and pursuant to Section 15150 of CEQA.

This Addendum FOE analyzed seven built environment historic properties for adverse effects and concluded one would be adversely affected by the project and six would not be adversely affected (Table 5-1). This Addendum FOE analyzed two archaeological historic properties for adverse effects and concluded that the effect assessment would be phased (Table 5-2). To date, approximately 15 percent of the archaeological APE has been surveyed for the current undertaking, and additional archaeological historic properties may be identified during future phased identification efforts, including survey and construction monitoring. In addition, consultation with Native American tribes has occurred and will continue to be conducted for the undertaking, as appropriate. To date, this consultation has not identified previously unrecorded archaeological historic properties or traditional cultural properties.

**Table 5-1 Summary of VERs Addendum Section 106 Effects Findings for Built Environment Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect**

Map ID No.	APN	Resource Name and Address	City, County	Year Built	Effect Findings
MR 005; MR 006; MR 007	Multiple APNs	Big Creek Hydroelectric System Historic District North of Edison Highway, east of Fairfax Road	Bakersfield (vicinity) / Kern	1912-1927	Adverse Effect
MR 027	Multiple APNs	First Los Angeles Aqueduct About 1 mile SW of Tehachapi-Willow Springs Road and about 6 miles NW of Willow Springs (multiple APNs)	Willow Springs (vicinity) / Kern	1908-1913	No Adverse Effect
MR 054	3134011901	Lancaster Post Office 567 W Lancaster Boulevard, Lancaster	Lancaster / Kern	1941	No Adverse Effect
MR 055	3134011912	Western Hotel 557 W Lancaster Boulevard, Lancaster	Lancaster / Kern	ca. 1890	No Adverse Effect
MR 117	3138018009	Residence at 332 W. Lancaster Boulevard	Lancaster / Kern	ca. 1910	No Adverse Effect
MR 118	3138018008	Residence at 44847 Trevor Avenue	Lancaster / Kern	ca. 1920-1925	No Adverse Effect
MR 120	3134015918	Cedar Avenue Historic District	Lancaster / Kern	1920-1938	No Adverse Effect

\* See F-B LGA FOE for effects analysis

aka = also known as

APN = Assessor's Parcel Number

ca. = circa

F-B LGA = Fresno to Bakersfield Locally Generated Alternative

MR = B-P HASR Map Reference

MR LGA = Map Reference F-B LGA HASR

N/A = not applicable

NW = northwest

**Table 5-2 Summary of VERs Addendum Section 106 Effects Findings for Additional Archaeological Historic Properties within the Bakersfield to Palmdale Project Section Area of Potential Effect**

Resource Number*	Resource Type	Attributes	Effect Findings
P-15-001042 / CA-KER-1042	Prehistoric site	Bedrock milling feature	Phased
P-15-016253 / CA-KER-8486H	Historic site	Trash scatter; roads/trails	Phased

Resources are listed from north to south, in order of their location between Bakersfield and Palmdale.  
VERs = various engineering refinements

## 6 REFERENCES

- California High-Speed Rail Authority (Authority). 2020a. *Bakersfield to Palmdale Section: Section 106 Finding of Effect Report*. April 2020.
- . 2020b. Memorandum from Grant Wilson and Meta Bunse to Sean Calvin and Jeff Carr regarding the Bakersfield to Palmdale Project Section—Cultural Resources Area of Potential Effects revisions to address Various Engineering Refinements. September 25, 2020.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010. *Bakersfield to Palmdale Preliminary Alternatives Analysis Report*. September 2010. [www.hsr.ca.gov/docs/programs/statewide\\_rail/proj\\_sections/Bakersfield\\_Palmdale/brdmtg\\_item9\\_Bakersfield\\_to\\_Palmdale\\_Preliminary\\_AA\\_Staff\\_Report\\_Vol\\_I\\_and\\_II.pdf](http://www.hsr.ca.gov/docs/programs/statewide_rail/proj_sections/Bakersfield_Palmdale/brdmtg_item9_Bakersfield_to_Palmdale_Preliminary_AA_Staff_Report_Vol_I_and_II.pdf) (accessed July 18, 2016).
- . 2011. *Programmatic Agreement among the Federal Railroad Administration, the Advisory Council on Historical Preservation, the California State Historic Preservation Officer, and the California High-Speed Rail Authority Regarding Compliance with Section 106 of the National Historic Preservation Act*. July 2011.
- . 2014. *Fresno to Bakersfield Section 106 Findings of Effect*. February 2014.
- . 2016. *Bakersfield to Palmdale Project Section Supplemental Alternatives Analysis Report*. April 2016. [http://hsr.ca.gov/docs/brdmeetings/2016/brdmtg\\_041216\\_Item6\\_ATTACHMENT\\_Bakersfield\\_to\\_Palmdale\\_Supplemental\\_Alternatives\\_Analysis.pdf](http://hsr.ca.gov/docs/brdmeetings/2016/brdmtg_041216_Item6_ATTACHMENT_Bakersfield_to_Palmdale_Supplemental_Alternatives_Analysis.pdf) (accessed July 22, 2016).
- . 2017a. *Bakersfield to Palmdale Project Section: Archaeological Survey Report (ASR)*. April 2017.
- . 2017b. *Bakersfield to Palmdale Section: Historic Architecture Survey Report*. February 2017.
- . 2017c. *Fresno to Bakersfield Section: Locally Generated Alternative Finding of Effect Report*.
- . 2017d. *Fresno to Bakersfield Section: Supplemental Environmental Impact Report/ Environmental Impact Statement*.
- . 2018a. *Bakersfield to Palmdale Project Section: Administrative Draft Project Environmental Impact Report/Environmental Impact Statement*. Section 3.16: Aesthetics and Visual Quality. February 2018.
- . 2018b. *Bakersfield to Palmdale Project Section: Draft Noise and Vibration Technical Report*. April 2018.
- . 2018c. Memorandum from J.T. Stephens to Sean Calvin regarding the Bakersfield to Palmdale Project Section: National Chavez Center Specific Noise Analysis. November 12, 2018.
- . 2020a. Section 106 Addendum Finding of Effect Report. April 2020.
- . 2020b. *Bakersfield to Palmdale Project Section—Cultural Resources Area of Potential Effects revisions to address Various Engineering Refinements*. November 2020.
- Cardno. 2017. *Big Creek Hydroelectric System Historic District (BCHSHD) Facilities Maintenance and Repair Plan*. Prepared for Southern California Edison. December 2017.
- Federal Railroad Administration (FRA). 2012. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Prepared by Carl E. Hanson, P.E., Jason C. Ross, P.E., and David A. Towers, P.E. Washington D.C.: Office of Railroad Policy and Development. September 2012.

- Justice, Noel D. 2002. *Stone Age Spear and Arrow Points of California and the Great Basin*. Bloomington: Indiana University Press.
- Love, Bruce, Amy Graham, and Bai Tang. 1994. *Cultural Resources Testing and Demolition Monitoring, McClaskey Motors, Lancaster, California*. Riverside, California: CRM TECH.
- Love, Bruce, and Jeannette A. McKenna. 1994. *Cultural Resources Testing and Demolition Monitoring, Sheriff's Station Site Demolition*. Riverside, California: CRM TECH.
- Love, Bruce, Bai Tang, Jeannette A. McKenna, and Richard Norwood. 1995. *History and Archaeology at Old Downtown Lancaster: The Lancaster Sheriff's Station Project, Monitoring, Testing and Mitigation*. Riverside, California: CRM TECH.
- Love, Bruce, Bai Tang, and Richard Norwood. 1995. *Mitigation of Impacts to Archaeological Remains, McClaskey Motors, Lancaster, California*. Riverside, California: CRM TECH.
- National Park Service. 2014. *Cultural Landscapes Inventory: Nuestra Señora De La Paz César E. Chávez National Monument*.
- Norwood, Richard H. 1994. *Phase I Cultural Resource Investigation for Assessment District 93-3, Lancaster, Los Angeles County, California*. Lancaster, California: RT Factfinders.
- Rast, Raymond W. 2011a. National Historic Landmark Nomination, Nuestra Senora Reina de La Paz.
- . 2011b. National Register of Historic Places Registration Form, Nuestra Senora Reina de La Paz/National Chavez Center. February 2011.
- Stephens, JT, Senior Noise Specialist, LSA. 2018. Personal Communication with Heather Norby, Senior Historian, JRP Historical Consulting, LLC, November 2, 2018.
- Thorne, Robert M. 1989. *Intentional Site Burial: A Technique to Protect Against Natural or Mechanical Loss*. Technical Brief No. 5. Washington, D.C.: National Park Service.
- Wilson, Sonja. 1993. National Register of Historic Places Registration Form, Cedar Avenue Historic District. September 1993.

## 7 PREPARERS' QUALIFICATIONS

Rebecca Meta Bunse (M.A., History–Public History, California State University, Sacramento) prepared this FOE and meets the Secretary of the Interior's standards for both Historian and Architectural Historian. Ms. Bunse, who is a partner at JRP Historical Consulting, LLC, has 30 years of experience as a consulting historian on a wide variety of historical research and cultural resource management projects. She has conducted research and field evaluations for historic architectural surveys throughout California. For this project, she served as the manager for the built environment effects analysis and co-author of the FOE, as well as JRP lead for coordination with the environmental project team and direction of JRP QI staff.

Heather Norby (M.A. in History, University of California, Berkeley) served as lead historian and co-author of the FOE. She conducted field survey of sites analyzed in this document, and contributed to the preparation of the analysis. Ms. Norby has 12 years of experience conducting historic surveys, Section 106 effects analyses, and various built environment compliance documents. Based on her level of experience and education, Ms. Norby qualifies as an Historian under the Secretary of the Interior's Professional Qualification Standards (as defined in 36 C.F.R. Part 61).

Lora Holland (M.A., Anthropology, University of West Florida) served as co-author of the FOE and meets the Secretary of the Interior's Professional Qualifications Standards for Archeology and is Registered Professional Archaeologist 989173. Ms. Holland is a Senior Cultural Resources Manager with over 19 years of archaeological field and cultural resources management experience, 11 years of California cultural resources management experience on projects throughout California. As a principal investigator and project manager, Ms. Holland has authored and overseen the drafting of cultural resources studies for local, state, and federal agencies in compliance with CEQA and Section 106. Her experience includes testing and data recovery; monitoring; contractor training; archival research; artifact analysis and conservation; field staff supervision; cultural resources identification and eligibility evaluations, impact assessments, and mitigations. For this project, Ms. Holland served as co-principal investigator, participated in the archaeological survey work and site recordation, conducted background research, oversaw field staff, and delineated the archaeological APE in consultation with the Authority.

E. Timothy Jones (M.A., Cultural Resources Management, Sonoma State University) served as co-author of the FOE and meets the Secretary of the Interior's Professional Qualifications Standards for Archeology and is Registered Professional Archaeologist 15531. Mr. Jones is an Associate Cultural Resource Manager with LSA and has 18 years of experience in California archaeology. His experience includes cultural resource survey and excavation, recordation and evaluation of prehistoric and historic-period resources, laboratory analysis and artifact cataloging, cultural resource background research, and preparation of numerous cultural resource studies to satisfy Section 106 and CEQA requirements. For this project, Mr. Jones served as principal investigator and oversaw archaeological staff, participated in the archaeological survey work and site recordation, conducted background research, and delineated the archaeological APE in consultation with the Authority.

Rebecca Flores, JRP Historical Consulting, LLC, provided technical assistance in the preparation of graphics, illustrations, data management, and production of this FOE.

**This page intentionally left blank**



## APPENDIX A: CORRESPONDENCE

**This page intentionally left blank**

**Bakersfield to Palmdale Project Section Non-Tribal Consultation Log, April 2020 to Present**

Date	Actions	Authority Representative	Summary	Representative
4/10/2020	Email; Letter		Revised B-P FOE (April 2020) sent to consulting parties.	Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco; California Office of Historic Preservation (OHP) - Lucinda "Cindy" Woodward; California Office of Historic Preservation (OHP) - Tristan Tozer; Federal Railroad Administration (FRA) - Stephanie B Perez; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley; Bureau of Land Management - Amy M. Girado; Bureau of Land Management - Donald J. Storm; Bureau of Land Management - Arianna "Ari" Heathcote; National Park Service - Elaine Jackson-Retondo, Ph.D.; National Park Service - Ruben Andrade; National Park Service - Nancy Hendricks; Los Angeles County, Department of Regional Planning - Dean Edwards; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Paul S. Park; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt; Southern CA Edison - Audry Williams; National Parks Conservation Association - Dennis Arguelles
4/10/2020	Email	Brett Rushing, Jeff Carr	APE Modification Notice sent concurrently with the revised BP No Adverse Effect with Conditions FOE, see that entry for list of recipients. In response to the APE Mod Arianna Heathcote responded and requested contact info for Jeff Carr.	Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco, Lucinda "Cindy" Woodward & Tristan Tozer; Federal Railroad Administration (FRA) - Stephanie B Perez; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley, Amy M. Girado, Donald J. Storm & Arianna "Ari" Heathcote; National Park Service - Elaine Jackson-Retondo, Ruben Andrade & Nancy Hendricks; Los Angeles County, Department of Regional Planning - Dean Edwards; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Paul S. Park; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt; Southern CA Edison - Audry Williams; National Parks Conservation Association - Dennis Arguelles
4/24/2020	Email	Brett Rushing	Per SHPO's request, HSR provides summary of HSR's responses to consulting party comments on the B-P FOE.	California Office of Historic Preservation (OHP) - Julianne Polanco, Lucinda "Cindy" Woodward & Tristan Tozer
4/28/2020	Email	Brett Rushing	NCC/CCF comments on the draft Bake-Palm EIR/EIS.	Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez

Date	Actions	Authority Representative	Summary	Representative
4/28/2020	Email; Letter	Brett Rushing	National Trust for Historic Preservation comments on the draft Bake-Palm EIR/EIS.	National Trust for Historic Preservation - Elizabeth "Betsy" Merritt
5/11/2020	Email; Letter	Brett Rushing	National Trust for Historic Preservation comments on the revised B-P FOE (April 2020).	National Trust for Historic Preservation - Elizabeth "Betsy" Merritt & Sharee Williamson
5/11/2020	Email; Letter	Brett Rushing	National Chavez Center/Cesar Chavez Foundation's comment letter in response to the Authority's Revised Finding of Effect Report.	Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez
5/22/2020	Email; Letter	Brett Rushing	SHPO comments on the Bake-Palm FOE, providing concurrence on all items and "could concur" on No Adverse Effect (NAE) with Conditions re La Paz.	California Office of Historic Preservation (OHP) - Julianne Polanco; California Office of Historic Preservation (OHP) - Tristan Tozer
5/28/2020	Email; Letter	Brett Rushing	Authority responds to SHPO's 5/22/2020 letter requesting additional information on the FOE.	California Office of Historic Preservation (OHP) - Tristan Tozer
5/29/2020	Email	Brett Rushing	Mr. Lopez, CCF, requested copies of any other comments received on the Bake-Palm FOE. The only comments received were from CCF and NTHP.	Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez
6/23/2020	Letter	Brett Rushing	SHPO concurrence on FOE No Adverse Effect with Conditions.	California Office of Historic Preservation (OHP) - Julianne Polanco
7/10/2020	Email	Brett Rushing	Record sent to consulting parties of correspondence between the California High-Speed Rail Authority (Authority) and the California State Historic Preservation Officer (SHPO) regarding the findings presented in the Bakersfield to Palmdale Project Section, Section 106 Finding of Effect Report (April 2020).	Federal Railroad Administration (FRA) - Stephanie B Perez, Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco, Lucinda "Cindy" Woodward & Tristan Tozer; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Paul S. Park, Jairo Lopez & Abigail Cruz; Chatten-Brown, Carstens & Minter - Doug Carstens; Dahlin and Essex, Inc. - Dennis Dahlin; National Park Service - Elaine Jackson-Retondo, Nancy Hendricks, Ruben Andrade; National Parks Conservation Association - Dennis Arguelles;

Date	Actions	Authority Representative	Summary	Representative
				National Trust for Historic Preservation - Elizabeth "Betsy" Merritt & Sharee Williamson; SWCA - Heather Gibson & Erica Kachmarsky; Bureau of Land Management - Amy M. Girado, Donald J. Storm, Ari Heathcote; Los Angeles County, Department of Regional Planning - Dean Edwards; Southern CA Edison - Audry Williams
9/28/2020	Email	Brett Rushing	Invitation to meeting to be held on 10/13/2020 to discuss the MOA and BETP	Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco, Lucinda "Cindy" Woodward & Tristan Tozer; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez & Abigail Cruz; National Park Service - Nancy Hendricks & Ruben Andrade; Bureau of Land Management - Amy M. Girado, Donald J. Storm; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt & Sharee Williamson; SWCA - Heather Gibson & Erica Kachmarsky; Los Angeles County, Department of Regional Planning - Dean Edwards; Southern CA Edison - Audry Williams
10/2/2020	Email; Letter	Brett Rushing	ACHP comments on the first draft of the MOA	Jaime Loichinger, Sarah Stokely, ACHP
10/13/2020	Meeting	Brett Rushing, Amy MacKinnon, Jeff Carr	Meeting to discuss and review comments received from ACHP, NTHP, CCF, NCC on Section 106 draft MOA and BETP.	Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco; California Office of Historic Preservation (OHP) - Tristan Tozer; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Paul S. Park; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Valeria Cardona; Chatten-Brown, Carstens & Minter - Doug Carstens; National Park Service - Ruben Andrade; National Parks Conservation Association - Dennis Arguelles; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt; SWCA - Heather Gibson & Erica Kachmarsky
11/18/2020	Email	Amy MacKinnon	Meeting minutes from 10/13/2020 sent to participants for their review. No comments were received.	California Office of Historic Preservation (OHP) - Julianne Polanco & Tristan Tozer; Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley; National Park Service - Ruben Andrade; Cesar Chavez Foundation (CCF) / National

Date	Actions	Authority Representative	Summary	Representative
				Chavez Center (NCC) - Jairo Lopez, Paul S. Park, Valeria Cardona; Chatten-Brown, Carstens & Minter - Doug Carstens; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt; SWCA - Heather Gibson & Erica Kachmarsky; National Parks Conservation Association - Dennis Arguelles
11/20/2020	Email	Jeff Carr	Notification of Modification to APE for Various Engineering Refinements (APE Mod 3)	Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; California Office of Historic Preservation (OHP) - Julianne Polanco; California Office of Historic Preservation (OHP) - Tristan Tozer; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Paul S. Park; Chatten-Brown, Carstens & Minter - Doug Carstens; National Park Service - Ruben Andrade; National Parks Conservation Association - Dennis Arguelles; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt
12/22/2020	Email	Brett Rushing	Submittal of draft Final MOA and BETP for Bakersfield to Palmdale	FRA – Stephanie Perez-Arrieta; California Office of Historic Preservation (OHP) - Julianne Polanco, Lucinda "Cindy" Woodward, & Tristan Tozer; Advisory Council on Historic Preservation (ACHP) - Sarah Stokely; Surface Transportation Board (STB) - Office of Environmental Analysis - David Navecky; Bureau of Land Management - Tamara Whitley, Amy M. Girado, & Arianna "Ari" Heathcote; National Park Service - Elaine Jackson-Retondo, Nancy Hendricks & Ruben Andrade; Cesar Chavez Foundation (CCF) / National Chavez Center (NCC) - Jairo Lopez, Paul S. Park, Abigail Cruz; Chatten-Brown, Carstens & Minter - Doug Carstens; National Trust for Historic Preservation - Elizabeth "Betsy" Merritt & Sheree Williamson; SWCA - Heather Gibson & Erica Kachmarsky; National Parks Conservation Association - Dennis Arguelles; Dahlin and Essex, Inc. - Dennis Dahlin; Los Angeles County, Department of Regional Planning - Dean Edwards; Southern CA Edison - Audry Williams
12/29/2020	Email	Brett Rushing	SHPO Concurrence on the Bake-Palm Notification of Modification to APE for Various Engineering Refinements (APE Mod 3) Built Environment Historic Resources	California Office of Historic Preservation (OHP) - Julianne Polanco & Tristan Tozer



## APPENDIX B: CALIFORNIA HISTORICAL RESOURCE STATUS CODES

**This page intentionally left blank**

## **APPENDIX C: DRAWINGS—BIG CREEK HYDROELECTRIC SYSTEM HISTORIC DISTRICT OPTIONS**

**This page intentionally left blank**

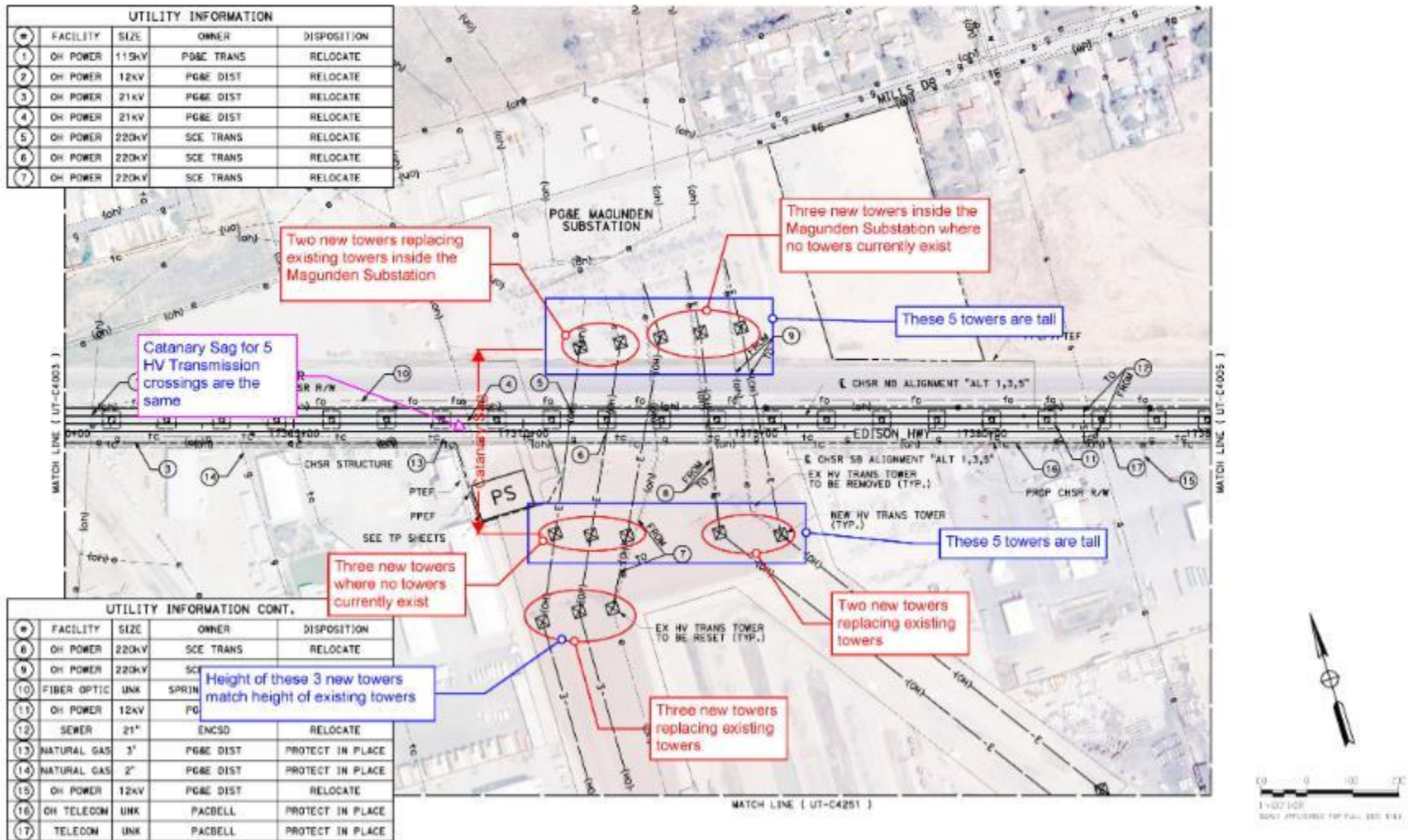


Figure C-1 Preferred Alternative Composite Utility Plan, Option A



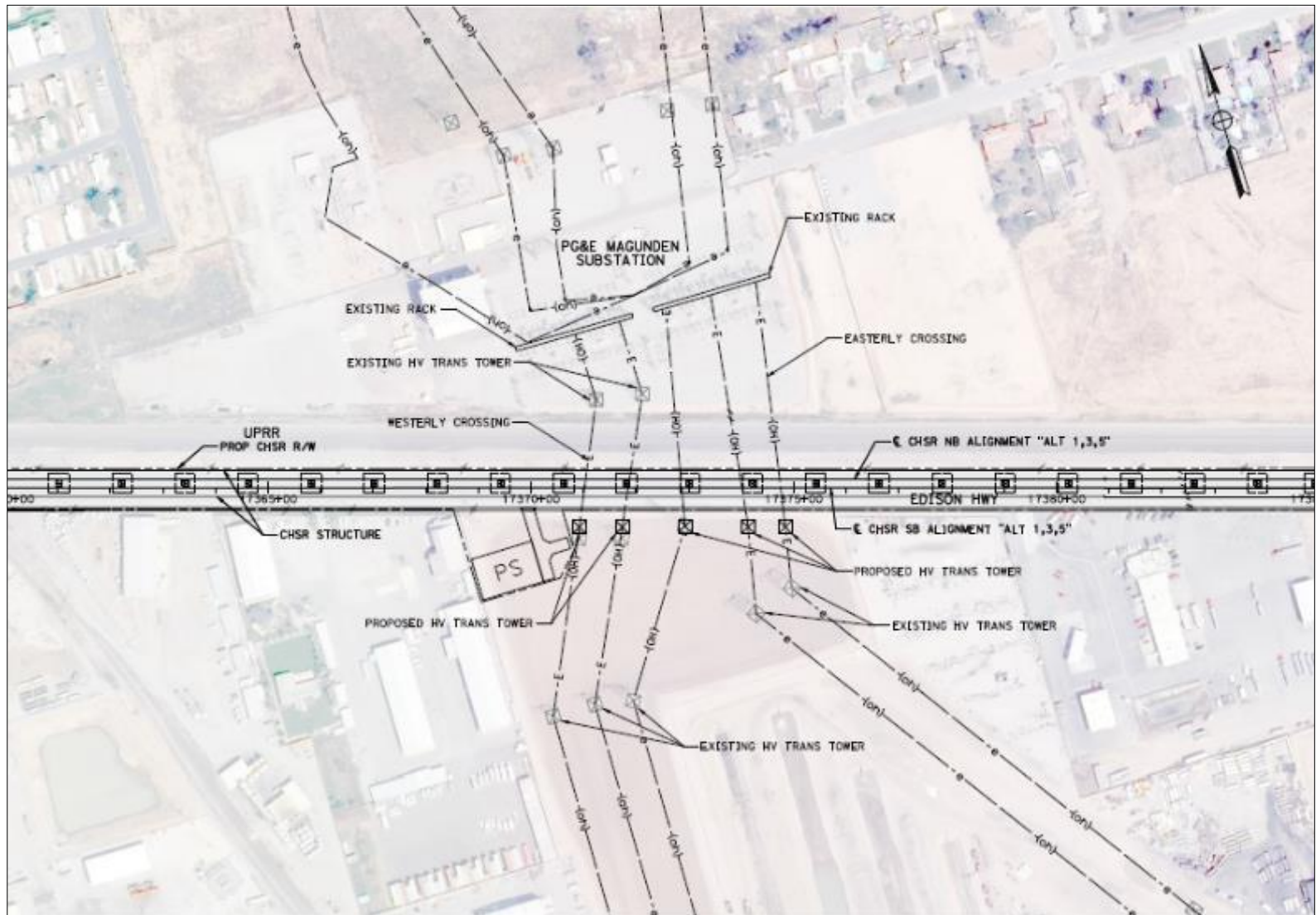


Figure C-2 Magunden Transmission Line Relocation Section, Option B

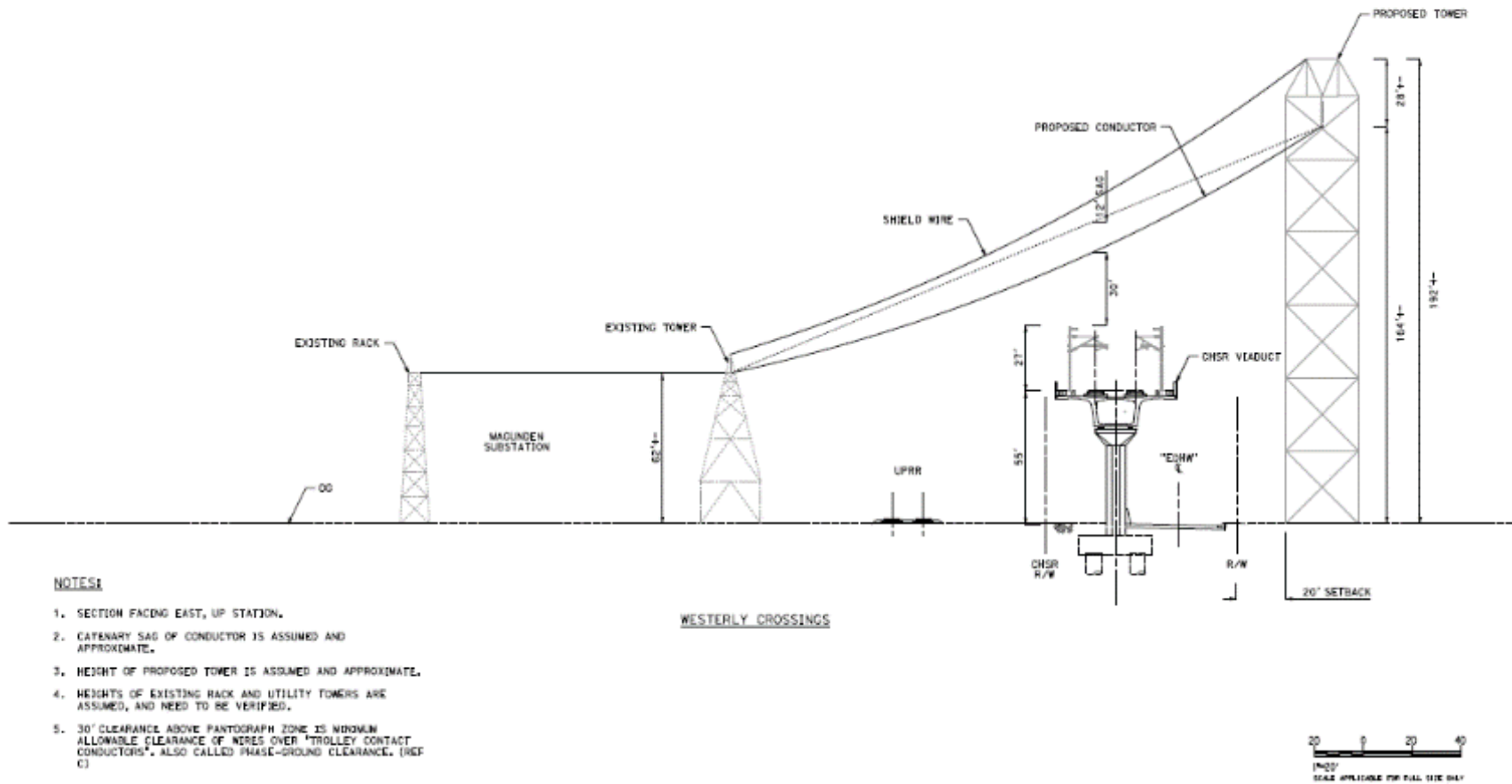


Figure C-3 Magunden Transmission Line Relocation Section, Option B

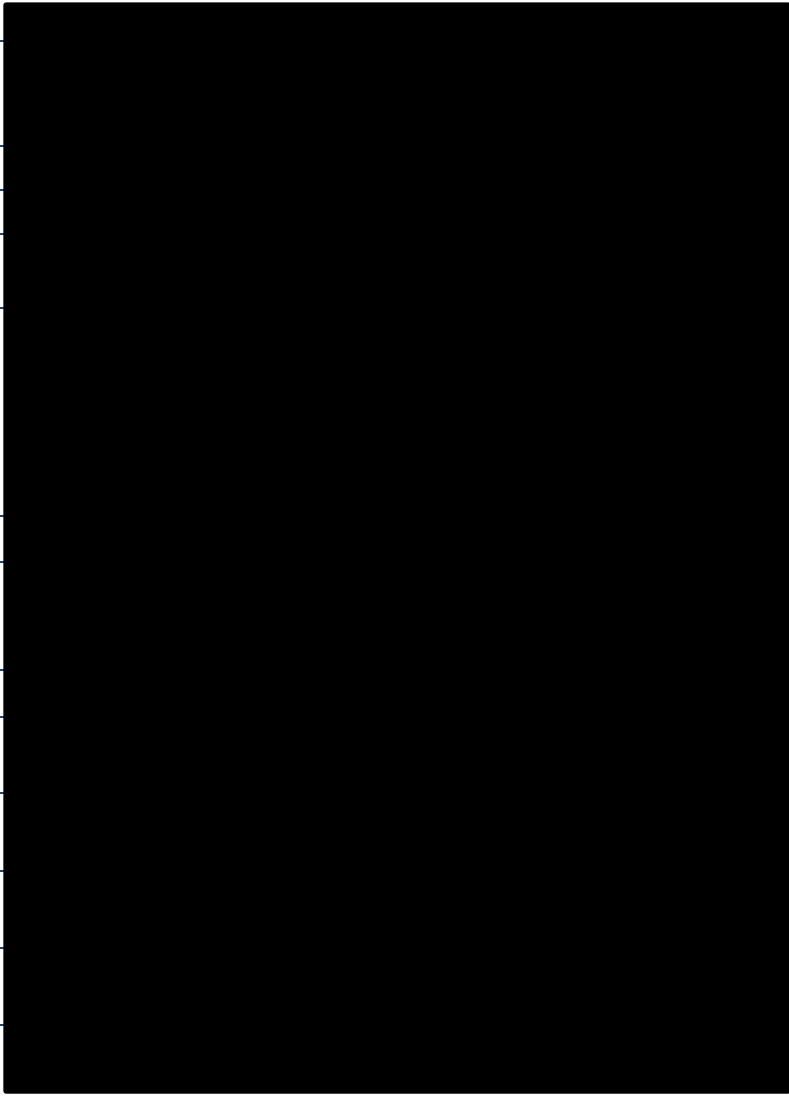
**This page intentionally left blank**

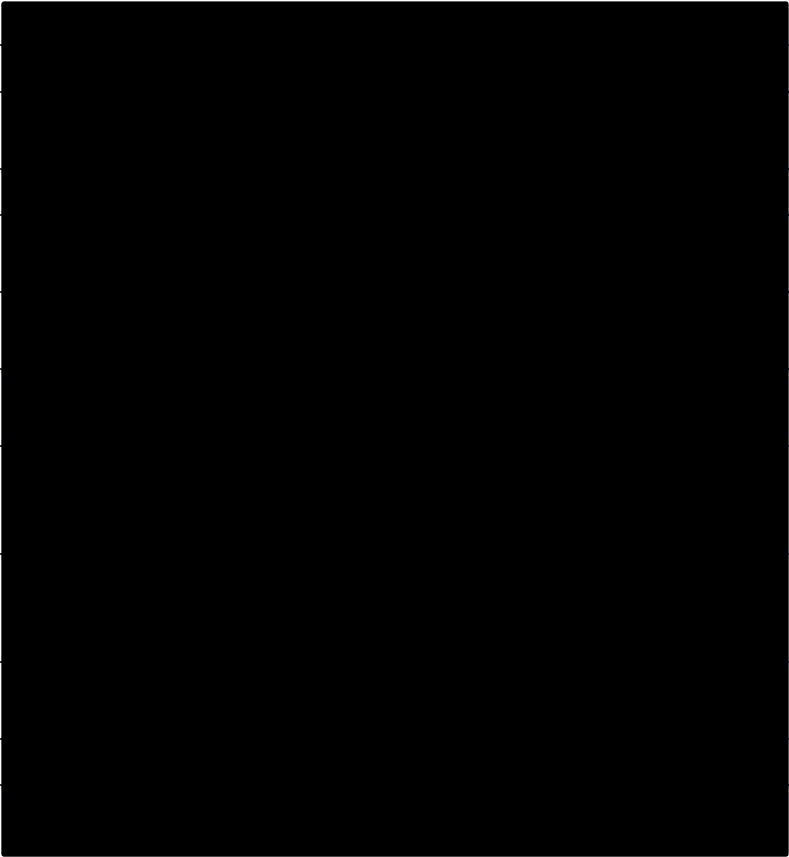
## APPENDIX D: TRIBAL CONSULTATION LOG

**This page intentionally left blank**



Action	Date	Tribal Representatives	Summary
Letter	3/2009	All California Tribes	[REDACTED]
Letter	9/11/2009	All California Tribes	
Email	10/30/2009	Kawaiisu Tribe of Tejon Reservation - David Laughinghorse Robinson	
Phone Call	11/1/2009	All California Tribes	
Letter	11/12/2009	Picayune Rancheria of Chukchansi Indians - Mary Motola	
Letter	12/22/2009	California Native American Heritage Commission (NAHC)	
Letter	2/25/2010	Fernandeño Tataviam Band of Mission Indians - William Gonzales; Picayune Rancheria of Chukchansi Indians - Durta Graham; San Fernando Band of Mission Indians - John Valenzuela and Randy Guzman Folkes; San Manuel Band of Mission Indians - Ann Brierty and James Ramos; Santa Rosa Tachi Yokut Tribe - Clarence Atwell and Hector "Lalo" Franco; Soboba Band of Luiseño Indians - Joseph Ontiveros; Tule River Indian Tribe of California - Ryan Garfield	
Letter	3/8/2010	Fernandeño Tataviam Band of Mission Indians - William Gonzales	
Letter	3/8/2010	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Email	3/31/2010	San Manuel Band of Mission Indians - Ann Brierty	
Meeting	7/22/2010	No Native American representatives attended.	
Meeting	8/16/2010	Amah Mutsun Tribal Band - Big Sandy Rancheria of Western Mono Indians of California - Choinumni Tribe of Yokuts - Dumna Wo-Wah Tribal Government	
Letter	12/6/2010	All California Federally-Recognized Tribes	
Teleconference; Phone Call	12/15/2010	Pechanga Band of Luiseño Indians; Santa Rosa Tachi Yokut Tribe; Soboba Band of Luiseño Indians	

Action	Date	Tribal Representatives	Summary
Teleconference	1/19/2011	All California Tribes	
Communication type not specified	2/24/2011	Soboba Band of Luiseño Indians	
Letter	3/8/2011	Soboba Band of Luiseño Indians	
Letter	3/21/2011	San Manuel Band of Mission Indians	
Letter; Email	3/24/2011	San Luis Rey Band of Mission Indians - Merri Lopez-Keifer, Esq.	
Phone Calls; Letters	4/13/2011 4/18/2011 4/26/2011 4/28/2011 5/02/2011 5/16/2011	Kawaiisu Tribe of Tejon Reservation - David Laughinghorse Robinson; Kitanemuk and Yowlumne Tejon Indians - Delia "Dee" Dominguez	
Letter	5/27/2011	All California Federally-Recognized Tribes	
Email; Phone Call	12/9/2011	Kawaiisu Tribe of Tejon Reservation - David Laughinghorse Robinson; Kitanemuk and Yowlumne Tejon Indians - Delia "Dee" Dominguez	
Letter	12/28/2011	All California Federally-Recognized Tribes	
Phone Call	1/5/2012	Kitanemuk and Yowlumne Tejon Indians - Delia "Dee" Dominguez	
Presentation; Meeting	5/16/2012	Caltrans Native American Advisory Committee - (NAAC)	
Presentation; Meeting	6/12/2012	Bureau of Indian Affairs; All Federally-Recognized Tribes - Central Valley Yokut Tribes;	
Meeting	6/13/2012	California Native American Heritage Commission (NAHC)	
Presentation; Meeting	8/1/2012	Caltrans Native American Advisory Committee - (NAAC)	

Action	Date	Tribal Representatives	Summary
Letter	8/13/2012	All California Tribes	
Letter	8/20/2012	All California Tribes; Statewide	
Letter; Phone Call	8/28/2012	Barbareño-Ventureño Band of Mission Indians - Patrick Tumamait	
Letter	2/8/2013	Santa Rosa Tachi Yokut Tribe - Shana Powers	
Presentation	3/20/2013 5/8/2013	Caltrans Native American Advisory Committee - (NAAC)	
Letter	6/5/2013	Picayune Rancheria of Chukchansi Indians - Lisa Parker, Claudia Gonzales, and Tara Estes-Harter	
Presentation and Conference	6/12/2013	Bureau of Indian Affairs	
Presentation; Meeting	6/26/2013	Picayune Rancheria of Chukchansi Indians; Santa Rosa Tachi Yokut Tribe; Table Mountain Rancheria; Tule River Indian Tribe of California	
Email	7/8/2013	Picayune Rancheria of Chukchansi Indians; Table Mountain Rancheria; Tule River Tribe of California; Santa Rosa Tachi Yokut Tribe	
Presentation	7/31/2013	Caltrans Native American Advisory Committee - (NAAC)	
Email	8/7/2013	San Pasqual Band of Mission Indians - Tracy Blue	
Email	8/7/2013	Caltrans Native American Advisory Committee - (NAAC)	

Action	Date	Tribal Representatives	Summary
Email	8/28/2013	Big Sandy Rancheria of Western Mono Indians of California; Chowchilla Tribe of Yokuts; Cold Springs Rancheria of Mono Indians; Dumna Wo-Wah Tribal Government; Pechanga Band of Luiseño Indians; North Fork Mono Tribe; North Fork Rancheria of Mono Indians of California; San Pasqual Band of Mission Indians; Santa Rosa Tachi Yokut Tribe; Picayune Rancheria of Chukchansi Indians; Table Mountain Rancheria; Tule River Indian Tribe of California; Wuksache Indian Tribe/Eshom Valley Band	[REDACTED]
Meeting	9/3/2013	All California Tribes invited	
Presentation; Meeting	10/23/2013	Caltrans Native American Advisory Committee - (NAAC)	
Email	11/14/2013	Amah Mutsun Tribal Band; Big Sandy Rancheria of Western Mono Indians of California; Chowchilla Tribe of Yokuts; Cold Springs Rancheria of Mono Indians; Dumna Wo-Wah Tribal Government; North Fork Rancheria of Mono Indians of California; Pechanga Band of Luiseño Indians; Tule River Indian Tribe of California; Picayune Rancheria of Chukchansi Indians; Table Mountain Rancheria; Santa Rosa Tachi Yokut Tribe - North Fork Mono Tribe - Bishop-Paiute Tribe - Tracy Blue; San Pasqual Band of Mission Indians; Wuksache Indian Tribe/Eshom Valley Band	
Email; Letter	11/19/2013	Kern Valley Indian Community - Robert "Bob" Robinson	
Presentation	1/17/2014	California Native American Heritage Commission (NAHC)	
Meeting	3/12/2014	Caltrans Native American Advisory Committee - (NAAC)	

Action	Date	Tribal Representatives	Summary
Email; Phone Call	5/20/2014	Tejon Indian Tribe - Colin Rambo	[REDACTED]
Meeting	5/28/2014	Caltrans Native American Advisory Committee - (NAAC)	
Meeting	8/27/2014	Caltrans Native American Advisory Committee - (NAAC)	
Email	10/9/2014	Statewide	
Presentation	10/17/2014	California Native American Heritage Commission (NAHC)	
Presentation	11/12/2014 2/18/2015 5/13/2015	Caltrans Native American Advisory Committee - (NAAC)	
Email	3/4/2015	California Native American Heritage Commission (NAHC)	
Letter; Email	5/29/2015	Fernandeño Tataviam Band of Mission Indians - Valley Indian Community; Kitanemuk and Yowlumne Tejon Indians; San Fernando Band of Mission Indians; San Manuel Band of Mission Indians; Santa Rosa Tachi Yokut Tribe; Soboba Band of Luiseño Indians; Tejon Indian Tribe; Tule River Indian Tribe of California	
Letter	6/4/2015	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Telephone	6/16/2015	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Letter; Email	6/16/2015	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Presentation; Discussion	6/18/2015	Statewide	
Letter	6/18/2015	San Manuel Band of Mission Indians - Daniel McCarthy	
Email	6/26/2015	Cahto Tribe of Laytonville California - Aaron Oliver	



Action	Date	Tribal Representatives	Summary
Email	6/30/2015	San Manuel Band of Mission Indians - Daniel McCarthy	[REDACTED]
Email	7/23/2015	Gabrieleño Band of Mission Indians Kizh Nation - Andrew "Andy" Salas	
Telephone; Email	8/5/2015	Soboba Band of Luiseño Indians - Rosemary Morillo, Joseph Ontiveros, Jessica Valdez	
Presentation; Discussion	8/12/2015	Statewide	
Email	8/14/2015	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Email	8/14/2015	Tejon Indian Tribe - Colin Rambo	
Letter; Email	10/8/2015	San Manuel Band of Mission Indians - Daniel McCarthy and Lynn Valbuena; Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council - Freddie Romero; Soboba Band of Luiseño Indians - Joseph Ontiveros, Rosemary Morillo and Carrie Garcia; Table Mountain Rancheria - Robert Pennell and Sara Lane Barnett; Tejon Indian Tribe - Colin Rambo and Kathryn Montes Morgan; Tule River Tribe of California - Joseph Garfield	
Meeting	11/5/2015	San Manuel Band of Mission Indians - Daniel McCarthy; Tejon Indian Tribe - Colin Rambo; Tule River Tribe of California - Joseph Garfield; Table Mountain Rancheria - Sara Lane Barnett; Kern Valley Indian Council - Robert Robinson; Kitanemuk and Yowlumne Tejon Indians -Delia Dominguez	
Meeting	11/18/2015	Caltrans Native American Advisory Committee - (NAAC)	

Action	Date	Tribal Representatives	Summary
Letter; Email	1/4/2016	To all tribes on the NAHC Contact list who attended the meeting or expressed interest in participating: San Manuel Band of Mission Indians (Daniel McCarthy); Tejon Indian Tribe (Colin Rambo); Tule River Tribe of California (Joseph Garfield); Table Mountain Rancheria (Sara Lane Barnett); Kern Valley Indian Council (Robert Robinson); Kitanemuk and Yowlumne Tejon Indians (Delia Dominguez; Fernandeño Tataviam Tribe; Soboba Band of Luiseno; and Santa Ynez Elders Council Indians	
Letter; Email	1/5/2016	San Manuel Band of Mission Indians (Daniel McCarthy); Tejon Indian Tribe (Colin Rambo); Tule River Tribe of California (Joseph Garfield); Table Mountain Rancheria (Sara Barnett); Kern Valley Indian Council (Robert Robinson); Kitanemuk and Yowlumne Tejon Indians (Delia [Dee] Dominguez; Fernandeño Tataviam Tribe; Soboba Band of Luiseno; and Santa Ynez Elders Council Indians (Freddy Romero).	
Email	1/7/2016	Tejon Indian Tribe; Kern Valley Indian Council; Fernandeño Tataviam Band of Mission Indians; Soboba Band of Luiseño Indians; San Manuel Band of Mission Indians	
Meeting	2/12/2016	Tejon Indian Tribe - Kathryn Montes Morgan, Colin Rambo, and William Gollnick; Tule River Tribe of California - Joseph Garfield	
Meeting; Presentation	2/13/2016	Kern Valley Indian Community - Robert "Bob" Robinson, Julie Turner, and approximately 30 Kern Valley Indian Community members	
Meeting	2/24/2016	Fernandeño Tataviam Band of Mission Indians - Rudy Ortega and Caitlin Gulley	
Summary of Meeting	2/26/2016	Fernandeño Tataviam Band of Mission Indians - Rudy Ortega and Caitlin Gulley	

Action	Date	Tribal Representatives	Summary
Teleconference	3/8/2016	Gabrieleño Band of Mission Indians Kizh Nation - Andrew "Andy" Salas, Matt Teutimez, Dr. E. Gary Stickel, and Henry Pedregon	[REDACTED]
Meeting; Presentation	3/9/2016	Caltrans Native American Advisory Committee - (NAAC)	
Email	3/16/2016	Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council - Freddie Romero	
Meeting; Presentation	3/25/2016	All Tribes statewide were invited. Pechanga Band of Luiseño Indians - Lindsey Fletcher, Esq. attended meeting.	
Meeting	3/29/2016	Tribes statewide were invited to attend. Table Mountain Rancheria - Sara Lane Barnett; Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council - Freddie Romero; Agua Caliente Band of Cahuilla - Margaret Park; Big Sandy Rancheria of Western Mono Indians of California - Hazel Earley; Susanville Indian Rancheria - Katie White; Wuksache Indian Tribe/Eshom Valley Band - Kenneth Woodrow	
Email	3/30/2016	Tongva Ancestral Territorial Tribal Nation - John Tommy Rosas	
Email	5/4/2016	Fernandeño Tataviam Band of Mission Indians - Caitlin Gulley and Rudy Ortega	
Meeting	5/18/2016	A total of 32 tribal representatives from the following tribes participated in the meeting: Tule River Indian Tribe of California; Tejon Indian Tribe; Table Mountain Rancheria; Santa Rosa Tachi Yokut Tribe; and Picayune Rancheria of Chukchansi.	
Email	5/23/2016	Fernandeño Tataviam Band of Mission Indians - Rudy Ortega and Caitlin Gulley	
Teleconference	6/2/2016	Fernandeño Tataviam Band of Mission Indians - Caitlin Gulley and Rudy Ortega	

Action	Date	Tribal Representatives	Summary
Email; Phone Call	6/3/2016	San Manuel Band of Mission Indians - Daniel McCarthy	[REDACTED]
Email	6/9/2016	Fernandeño Tataviam Band of Mission Indians - Caitlin Gulley	
Email	6/14/2016	Santa Rosa Tachi Yokut Tribe - Shana Powers, Hector "Lalo" Franco, Pete Alanis, Greg Cuara	
Email	6/14/2016	Table Mountain Rancheria - Robert Pennell, Sara Lane Barnett, Larissa Heredia and Beverly J. Hunter	
Email	6/30/2016	San Manuel Band of Mission Indians - Daniel McCarthy and Lynn Valbuena; Tejon Indian Tribe - Colin Rambo and Katherine Montes Morgan; Table Mountain Rancheria - Sara Lane Barnett and Robert Pennell; Tule River Indian Tribe of California - Joseph Garfield, Neil Peyron, and Kerri Vera; Fernandeño Tataviam Band of Mission Indians - Caitlin Gulley and Rudy Ortega; Kitanemuk and Yowlumne Tejon Indians - Delia "Dee" Dominguez and Aurora Ortega; Kern Valley Indian Community - Julie Turner and Robert "Bob" Robinson; Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council - Freddie Romero; San Fernando Band of Mission Indians - John Valenzuela; Soboba Band of Luiseño Indians - Carrie Garcia and Rosemary Morillo	
Email	7/5/2016	San Manuel Band of Mission Indians - Lee Clauss	
Email	7/12/2016	Tejon Indian Tribe - Colin Rambo and Octavio Escobedo	

Action	Date	Tribal Representatives	Summary
Email	7/20/2016	Picayune Rancheria of Chukchansi Indians - Nokomis Hernandez; Santa Rosa Tachi Yokut Tribe - Greg Cuara, Hector "Lalo" Franco, Ruben Barrios, and Shana Powers; Table Mountain Rancheria - Beverly J. Hunter, Sara Lane Barnett, Cristina Gonzales and Robert Pennell; Tejon Indian Tribe - Colin Rambo; Tule River Indian Tribe of California - Charmaine McDarment, Joseph Garfield, Kevin Bonds, Neil Peyron, Victor Silvas Sr., Yolanda Gibson, William "Willie" Carrillo, Sr., William Garfield, Priscilla Santos, Kenneth McDarment, Gary Santos, Dan Hackey, and Amanda Peyron	[REDACTED]
Email	7/29/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi, Caitlin Gulley, and Rudy Ortega	
Email	7/29/2016	Soboba Band of Luiseño Indians - Carrie Garcia, Joseph Ontiveros, and Rosemary Morillo	
Email	7/29/2016	Tejon Indian Tribe - Colin Rambo	
Email	8/2/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi	
Email	8/15/2016	Tejon Indian Tribe - Colin Rambo	
Email	8/18/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi	
Email	8/22/2016	Soboba Band of Luiseño Indians - Carrie Garcia, Jessica Valdez, Joseph Ontiveros, Rosemary Morillo	
Email	9/12/2016	San Manuel Band of Mission Indians - Lee Clauss and Lynn Valbuena	
Phone Call	9/20/2016	San Manuel Band of Mission Indians - Lee Clauss	
Meeting	9/21/2016	Soboba Band of Luiseño Indians – Rosemary Morillo, Joseph Ontiveros, Jessica Valdez, Carrie Garcia	
Email	9/29/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi and Rudy Ortega	



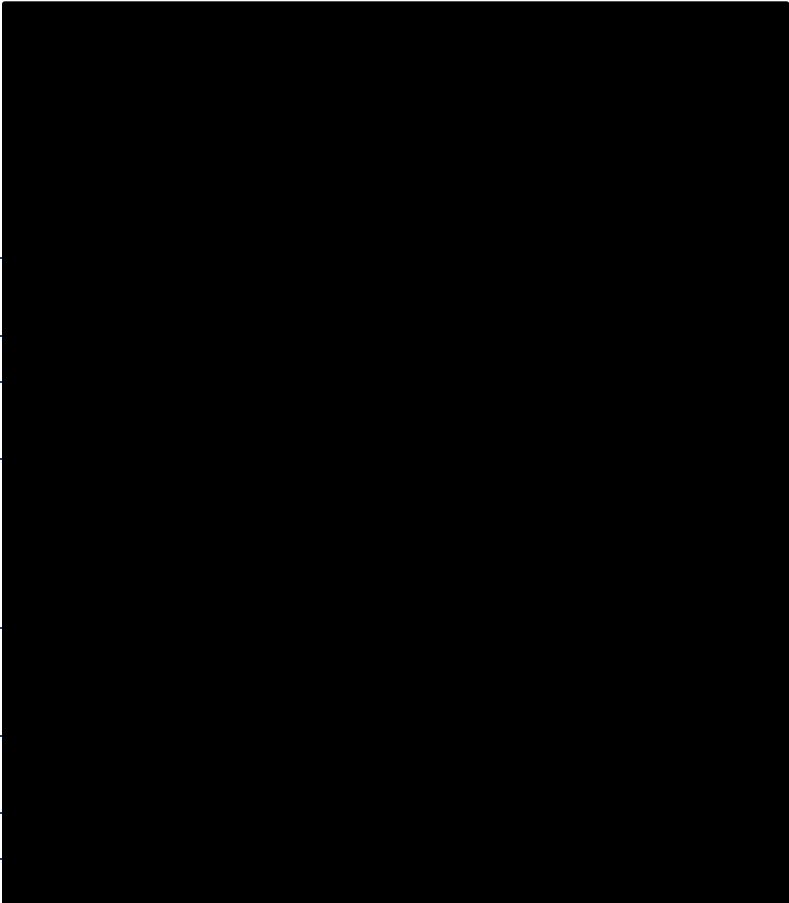
Action	Date	Tribal Representatives	Summary
Email	10/18/2016	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	[REDACTED]
Email	10/19/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi	
Email	10/26/2016	San Manuel Band of Mission Indians - Lee Clauss	
Teleconference	10/27/2016	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	10/28/2016	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	11/10/2016	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	11/10/2016	Table Mountain Rancheria - Robert Pennell and Sara Lane Barnett	
Email	11/15/2016	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Meeting	11/16/2016	Caltrans Native American Advisory Committee - (NAAC)	
Email	11/18/2019	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss; Santa Rosa Tachi Yokut Tribe - Hector "Lalo" Franco and Shana Powers; Table Mountain Rancheria - Robert Pennell and Sara Lane Barnett; Tejon Indian Tribe - Colin Rambo; Tule River Tribe of California - Joseph Garfield and Kerri Vera	
Email	11/21/2016	San Manuel Band of Mission Indians - Lee Clauss and Lynn Valbuena	
Email	11/28/2016	San Manuel Band of Mission Indians - Lee Clauss	

Action	Date	Tribal Representatives	Summary
Letter; CD	12/5/2016	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi and Rudy Ortega; Kern Valley Indian Community - Julie Turner and Robert "Bob" Robinson; San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss; Santa Rosa Tachi Yokut Tribe - Hector "Lalo" Franco and Shana Powers; Table Mountain Rancheria - Robert Pennell and Sara Lane Barnett; Tejon Indian Tribe - Colin Rambo; Tule River Indian Tribe of California - Joseph Garfield and Kerri Vera	[REDACTED]
Email	12/6/2016	San Manuel Band of Mission Indians - Lee Clauss	
Email	12/23/2016	San Manuel Band of Mission Indians - Lee Clauss	
Email	1/5/2017	Santa Rosa Tachi Yokut Tribe - Shana Powers	
Email	1/9/2017	San Manuel Band of Mission Indians - Lee Clauss	
Letter; Email	1/24/2017	California Native American Heritage Commission (NAHC)	
Letter; Email; CDs	1/27/2017	San Manuel Band of Mission Indians - Ann Brierty	
Email	1/30/2017	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	2/6/2017	San Manuel Band of Mission Indians - Ann Brierty	
Email	2/15/2017	Soboba Band of Luiseño Indians - Joseph Ontiveros	
Email	2/16/2017	Santa Rosa Tachi Yokut Tribe - Greg Cuara, Hector "Lalo" Franco, Robert G. Jeff, and Shana Powers; Table Mountain Rancheria - Cristina Gonzales, Robert Pennell and Sara Lane Barnett; Tule River Tribe of California - Felix Christman, Charmaine McDarment, Gayline Hunter, Joseph Garfield and Kerri Vera	
Email	2/24/2017	Tejon Indian Tribe - Colin Rambo	

Action	Date	Tribal Representatives	Summary
Meeting	2/28/2017	Picayune Rancheria of Chukchansi Indians - Tara Estes-Harter; Santa Rosa Tachi Yokut Tribe - Hector "Lalo" Franco and Shana Powers; Table Mountain Rancheria - Cristina Gonzales and Robert Pennell; Tule River Tribe of California - Felix Christman, Charmaine McDarment and Gayline Hunter	
Meeting	3/2/2017	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	3/7/2017	Kern Valley Indian Community - Robert "Bob" Robinson	
Email	3/8/2017	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi; Gabrieleño Band of Mission Indians Kizh Nation - Andrew "Andy" Salas; San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Email	3/8/2017	San Manuel Band of Mission Indians - Ann Brierty	
Email	3/10/2017	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi and Rudy Ortega; Gabrieleño Band of Mission Indians Kizh Nation - Andrew "Andy" Salas and Dr. Christina Swindall-Martinez; San Manuel Band of Mission Indians - Lee Clauss and Ann Brierty	
Meeting	4/26/2017	Picayune Rancheria of Chukchansi Indians - Tara Estes-Harter; Santa Rosa Tachi Yokut Tribe - Crystal Ignacio, Greg Cuara, Hector "Lalo" Franco, Robert G. Jeff, Roger Martinez, Shana Powers; Table Mountain Rancheria - Cristina Gonzales, Robert Pennell; Tejon Indian Tribe - Colin Rambo; Tule River Indian Tribe of California - Felix Christman, Gayline Hunter, and Joseph Garfield	

Action	Date	Tribal Representatives	Summary
Email	5/16/2017	Fernandeño Tataviam Band of Mission Indians – Rudy Ortega & Kimia Fatehi; Kern Valley Indian Community - Robert "Bob" Robinson; Picayune Rancheria of Chukchansi Indians - Tara Estes-Harter; Santa Rosa Tachi Yokut Tribe - Hector "Lalo" Franco & Shana Powers; San Manuel Band of Mission Indians – Lee Clauss; Table Mountain Rancheria - Robert Pennell; Tejon Indian Tribe - Colin Rambo; Tule River Indian Tribe of California - Felix Christman & Joseph Garfield	[REDACTED]
Phone Call	6/16/2017	Kern Valley Indian Community - Robert "Bob" Robinson and James McKay; Tejon Indian Tribe - Colin Rambo	
Email	6/26/2017	Kern Valley Indian Community - Robert "Bob" Robinson	
Phone Call; Email	7/5/2017	Barbareño/Ventureño Band of Mission Indians - Patrick "Pat" Tumamait	
Email	7/6/2017	San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss	
Letter	7/10/2017	Barbareño/Ventureño Band of Mission Indians - Patrick "Pat" Tumamait	
Letter	7/14/2017	San Manuel Band of Mission Indians - Lee Clauss	
Letter; Email	8/8/2017	San Manuel Band of Mission Indians - Lee Clauss	
Letter	9/3/2017	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait	
Letter	9/3/2017	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait	
Email	9/26/2017	Barbareño/Ventureño Band of Mission Indians - Patrick "Pat" Tumamait	

Action	Date	Tribal Representatives	Summary
Email	9/27/2017	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Kern Valley Indian Community - Robert "Bob" Robinson, James McKay, and Loreen Carothers; North Fork Mono Tribe - Ron Goode; Fernandeano Tataviam Band of Mission Indians - Rudy J. Ortega, Jr. and Kimia Fatehi	[REDACTED]
Phone Call	10/13/2017	Kern Valley Indian Community - James McKay	
Email	10/31/2017	Kern Valley Indian Community - Robert "Bob" Robinson	
Letter; Email	1/8/2018	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Fernandeano Tataviam Band of Mission Indians - Jairo Avila, Kimia Fatehi, Rudy J. Ortega, Jr.; Kern Valley Indian Community - Robert "Bob" Robinson; Picayune Rancheria of Chukchansi Indians - Lisa Parker, Tara Estes-Harter, and Claudia Gonzales; San Manuel Band of Mission Indians - Lee Clauss; Santa Rosa Tachi Yokut Tribe - Robert G. Jeff and Ruben Barrios; Table Mountain Rancheria - Robert Pennell, Leanne Walker-Grant; Tejon Indian Tribe - Colin Rambo; Tule River Tribe of California - Charmaine McDarment, Gayline Hunter, Joseph Garfield and Kerri Vera	
Email	1/17/2018	San Manuel Band of Mission Indians - Lee Clauss	
Email	1/18/2018	Picayune Rancheria of Chukchansi Indians - Tara Estes-Harter and Dominick Cain	

Action	Date	Tribal Representatives	Summary
Phone Call; Email	2/13/2018	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Fernandeño Tataviam Band of Mission Indians - Jairo Avila, Kimia Fatehi, and Rudy J. Ortega, Jr.; Kern Valley Indian Community - Robert "Bob" Robinson, James McKay and Julie Turner; San Manuel Band of Mission Indians - Ann Brierty and Lee Clauss; Tejon Indian Tribe - Colin Rambo	
Email	3/2/2018	Fernandeño Tataviam Band of Mission Indians - Jairo Avila and Kimia Fatehi	
Email	3/3/2018	Tejon Indian Tribe - Colin Rambo	
Phone Call; Email	3/5/2018	San Manuel Band of Mission Indians - Lee Clauss	
Meeting	3/19/2018	Barbareño/Ventureño Band of Mission Indians - Patrick "Pat" Tumamait; Kern Valley Indian Community - Robert "Bob" Robinson and Brandi Kendricks; Tejon Indian Tribe - Tommy Gonzales and Colin Rambo	
Meeting	3/20/2018	San Manuel Band of Mission Indians - Jessica Mauck; Tejon Indian Tribe - Colin Rambo and Stephanie Smith	
Email	4/10/2018	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi	
Phone Call	6/4/2018	San Manuel Band of Mission Indians - Lee Clauss	
Phone Call	6/20/2018	San Manuel Band of Mission Indians - Lee Clauss	



Action	Date	Tribal Representatives	Summary
Email; Letter	11/18/2018	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Fernandeano Tataviam Band of Mission Indians - Jairo Avila, Kimia Fatehi, and Rudy J. Ortega, Jr.; Kern Valley Indian Community - Robert "Bob" Robinson; Picayune Rancheria of Chukchansi Indians - Jennifer Ruiz and Tara Estes-Harter; San Manuel Band of Mission Indians - Ann Brierty, Lee Clauss, Jessica Mauck, and Lynn Valbuena; Santa Rosa Tachi Yokut Tribe - Robert G. Jeff, Ruben Barrios, and Shana Powers; Table Mountain Rancheria - Robert Pennell, Sara Lane Barnett; and Leanne Walker-Grant; Tejon Indian Tribe - Colin Rambo and Octavio Escobedo; Tule River Tribe of California - Gayline Hunter, Neil Peyron, and Kerri Vera	
Email	11/30/2018	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Fernandeano Tataviam Band of Mission Indians - Jairo Avila, Kimia Fatehi, and Rudy J. Ortega, Jr.; Kern Valley Indian Community - Robert "Bob" Robinson; Picayune Rancheria of Chukchansi Indians - Jennifer Ruiz and Tara Estes-Harter; San Manuel Band of Mission Indians - Ann Brierty, Lee Clauss, Jessica Mauck, and Lynn Valbuena; Santa Rosa Tachi Yokut Tribe - Robert G. Jeff, Ruben Barrios, and Shana Powers; Table Mountain Rancheria - Robert Pennell, Sara Lane Barnett; and Leanne Walker-Grant; Tejon Indian Tribe - Colin Rambo and Octavio Escobedo; Tule River Tribe of California - Gayline Hunter, Neil Peyron, and Kerri Vera	
Email; Letter	12/18/2018	San Manuel Band of Mission Indians - Lee Clauss	
Email	1/9/2019	Santa Rosa Tachi Yokut Tribe – Shana Powers	

Action	Date	Tribal Representatives	Summary
Email	1/22/2019	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Picayune Rancheria of Chukchansi Indians - Tara Estes-Harter and Jennifer Ruiz; San Manuel Band of Mission Indians - Lynn Valbuena; San Manuel Band of Mission Indians - Lee Clauss, Ann Brierty, and Jessica Mauck; Santa Rosa Tachi Yokut Tribe - Ruben Barrios, Sr., Shana Powers, and Robert G. Jeff; Table Mountain Rancheria - Leanne Walker-Grant, Robert Pennell, and Sara Lane Barnett; Tejon Indian Tribe - Colin Rambo and Octavio Escobedo; Tule River Tribe of California - Neil Peyron, Gayline Hunter, and Kerri Vera; Fernandeano Tataviam Band of Mission Indians - Rudy J. Ortega, Jr., Jairo Avila, and Kimia Fatehi; Kern Valley Indian Community - Robert "Bob" Robinson	
Email	2/12/2019	Picayune Rancheria of Chukchansi Indians – Heather Airey	
Email	3/21/2019	San Manuel Band of Mission Indians - Lee Clauss and Jessica Mauck	
Meeting	5/2/2019	San Manuel Band of Mission Indians - Lee Clauss	
Email	7/30/2019	All federally recognized consulting party tribes statewide	
Email	8/1/2019	All non-federally recognized consulting party tribes statewide	
Email	8/5/2019	Fernandeano Tataviam Band of Mission Indians - Kimia Fatehi	

Action	Date	Tribal Representatives	Summary
Meeting	8/20/2019	North Fork Rancheria of Mono Indians of California – Jacquie Van Huss; Picayune Rancheria of Chukchansi Indians – Heather Airey and Mary Motola; Santa Rosa Tachi Yokut Tribe – Shana Powers; Table Mountain Rancheria – Cristina Gonzales, Robert Pennell, and Sara Lane Barnett; Table Mountain Rancheria – Venessa Jiménez; Tule River Tribe of California – Gayline Hunter and Kerri Vera	
Meeting	8/29/2019	Fernandeño Tataviam Band of Mission Indians - Rudy J. Ortega, Jr., Raymond Salas, Jairo Avila and Kimia Fatehi	
Meeting	9/18/2019	Fernandeño Tataviam Band of Mission Indians - Kimia Fatehi	
Teleconference	10/15/2019	Picayune Rancheria of Chukchansi Indians – Heather Airey, Mary Motola, and Gaylan Hammond; Santa Rosa Tachi Yokut Tribe – Shana Powers; Table Mountain Rancheria – Robert Pennell, Sara Lane Barnett and Venessa Jiménez; Tejon Indian Tribe - Colin Rambo	
Email	11/8/2019	Barbareño/Ventureño Band of Mission Indians - Julie Lynn Tumamait-Stenslie and Patrick "Pat" Tumamait; Fernandeño Tataviam Band of Mission Indians - Jairo Avila and Kimia Fatehi; Kern Valley Indian Community - Robert "Bob" Robinson and James McKay; Picayune Rancheria of Chukchansi Indians - Heather Airey and Gaylan Hammond; Santa Rosa Tachi Yokut Tribe - Shana Powers and Samantha McCarty; Table Mountain Rancheria - Robert Pennell, Sara Lane Barnett, and Cristina Gonzales; Tejon Indian Tribe - Colin Rambo; Tule River Tribe of California - Kerri Vera; San Manuel Band of Mission Indians - Lee Clauss and Jessica Mauck	

Action	Date	Tribal Representatives	Summary
Email	11/8/2019	Barbareño/Ventureño Band of Mission Indians - Patrick "Pat" Tumamait	[REDACTED]
Email	1/23/2020	Tejon Indian Tribe – Colin Rambo	
Email	2/21/2020	Tejon Indian Tribe – Colin Rambo	
Email	2/28/2020	Barbareño/Ventureño Band of Mission Indians – Patrick "Pat" Tumamait; Fernandeno Tataviam Band of Mission Indians – Jairo Avila and Kimia Fatehi; Kern Valley Indian Community – Robert "Bob" Robinson; Picayune Rancheria of Chukchansi Indians – Heather Airey; Santa Rosa Tachi Yokut Tribe – Shana Powers and Samantha McCarty; Table Mountain Rancheria – Robert Pennell, Sara Lane Barnett; Tejon Indian Tribe – Colin Rambo; Tule River Tribe of California – Kerri Vera and Gayline Hunter; San Manuel Band of Mission Indians – Jessica Mauck	
Letter	4/13/2020	Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council – Kenneth Kahn	
Email	8/18/2020	Santa Ynez Band of Chumash Indians/Santa Ynez Elders Council – Freddie Romero	
Email	8/31/2020	Barbareño/Ventureño Band of Mission Indians – Patrick "Pat" Tumamait; Fernandeno Tataviam Band of Mission Indians – Jairo Avila; Picayune Rancheria of Chukchansi Indians – Heather Airey; Santa Rosa Tachi Yokut Tribe – Shana Powers and Samantha McCarty; Table Mountain Rancheria – Robert Pennell, Sara Lane Barnett, Christina Gonzales; Tejon Indian Tribe – Colin Rambo; Tule River Tribe of California – Kerri Vera and Gayline Hunter; San Manuel Band of Mission Indians – Jessica Mauck	
Email	9/15/2020	San Manuel Band of Mission Indians – Jessica Mauck	

Action	Date	Tribal Representatives	Summary
Email	9/17/2020	San Manuel Band of Mission Indians – Jessica Mauck; San Manuel Band of Mission Indians – Ryan Nordness	[REDACTED]
Email	9/18/2020	San Manuel Band of Mission Indians – Jessica Mauck, Ryan Nordness, and Alexandra McCleary	
Email	9/28/2020	Barbareño/Ventureño Band of Mission Indians – Patrick “Pat” Tumamait; Fernandeno Tataviam Band of Mission Indians – Jairo Avila; Picayune Rancheria of Chukchansi Indians – Heather Airey; Santa Rosa Tachi Yokut Tribe – Shana Powers and Samantha McCarty; Table Mountain Rancheria – Robert Pennell & Sara Lane Barnett; Tejon Indian Tribe – Colin Rambo; Tule River Tribe of California – Kerri Vera and Gayline Hunter; San Manuel Band of Mission Indians – Jessica Mauck: SHPO; ACHP	
Email	9/28/2020	Barbareño/Ventureño Band of Mission Indians – Patrick “Pat” Tumamait	
Email	9/30/2020	Barbareño/Ventureño Band of Mission Indians – Patrick “Pat” Tumamait	
Email	10/1/2020	Tejon Indian Tribe – Colin Rambo	
Email	10/2/2020	San Manuel Band of Mission Indians – Jessica Mauck	
Email	10/5/2020	San Manuel Band of Mission Indians – Jessica Mauck	
Meeting	10/13/2020	San Manuel Band of Mission Indians – Jessica Mauck and Ryan Nordness; Tejon Indian Tribe – Colin Rambo; Fernandeno Tataviam Band of Mission Indians – Jairo Avila; SHPO, ACHP	
Meeting	12/18/2020	San Manuel Band of Mission Indians – Jessica Mauck, Ryan Nordness, and Alexandra McCleary	

Action	Date	Tribal Representatives	Summary
Email	12/22/2020	Kern Valley Indian Community – Robert “Bob” Robinson; Barbareño/Ventureño Band of Mission Indians – Julie Lynn Tumamait-Stenslie & Patrick “Pat” Tumamait; Fernandeno Tataviam Band of Mission Indians – Rudy J. Ortega, Jr., Jairo Avila & Kimia Fatehi; Picayune Rancheria of Chukchansi Indians – Jennifer Ruiz & Heather Airey; San Manuel Band of Mission Indians – Lynn Valbuena, Jessica Mauck, Ryan Nordness & Alexandra McCleary; Santa Rosa Tachi Yokut Tribe – Leo Sisco, Shana Powers & Samantha McCarty; Table Mountain Rancheria – Leanne Walker-Grant, Robert Pennell & Sara Lane Barnett; Tejon Indian Tribe – Octavio Escobedo & Colin Rambo; Tule River Tribe of California – Neil Peyron & Kerri Vera	[REDACTED]
Email	12/24/2020	Barbareño/Ventureño Band of Mission Indians – Patrick “Pat” Tumamait	



**This page intentionally left blank**