PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

June 5, 2025

Ms. Lori Iles-Rangel
Senior Advisor, Major Projects Division – OU Projects
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

RE : Riverside Transmission Reliability Project Notice to Proceed #1 (Underground)

Dear Ms. Iles-Rangel:

On April 11, 2025, SCE submitted a Notice to Proceed (NTP) request to the California Public Utilities Commission (CPUC) for Southern California Edison's (SCE's) Riverside Transmission Reliability Project (RTRP; A. 15-04-013) to initiate construction activities for the underground portions of a new 230 kilovolt (kV) double circuit (DC) transmission line that is part of the approximately 10-mile RTRP. The approximately 4-mile underground portion of the transmission lines are located in the City of Jurupa Valley in Riverside County, California. A revised NTP request was submitted on May 8, 2025, and outstanding supplemental materials required as part of the NTP request were provided on May 22, 2025. SCE's request for NTP #1 is enclosed as Attachment 1.

Pursuant to the California Environmental Quality Act (CEQA), the CPUC prepared a Subsequent Environmental Impact Report (SEIR) for SCE's RTRP. The City of Riverside previously prepared and certified an Environmental Impact Report (EIR) on February 5, 2013, approving components of the RTRP that would be owned and operated by the Riverside Public Utilities. On March 18, 2020, the CPUC issued a decision to certify the Final SEIR and grant SCE a Decision Granting a Certificate of Public Convenience and Necessity (CPCN) for the CPUC-preferred project alternative, Alternative 1 (Decision D.20-03-001). The CPUC adopted the mitigation measures (MMs) and applicant proposed measures, referred to as "environmental protection elements" (EPEs) identified in the EIR and SEIR as conditions of project approval, as well as a Mitigation Monitoring and Reporting Program (MMRP) to ensure compliance with the MMs and EPEs pursuant to Public Resources Code § 21081.6 and § 15097 of the CEQA Guidelines (Section 9 of the certified SEIR).

A detailed Mitigation Monitoring, Compliance, and Reporting Plan (MMCRP) was developed for the project with direct participation of SCE staff. The MMCRP defines specific procedures that are part of the adopted program including the Notice to Proceed (NTP) process, which requires SCE to obtain approval from the CPUC prior to initiating specific actions covered by the CPUC's decision on the project. The purpose of the NTP process is to ensure all pre-construction phase requirements are completed and the proposed actions are consistent with

the approved project as specified in the certified EIR and SEIR. Any deviation from the approved project must be authorized by the CPUC through the Minor Project Refinement (MPR) process defined in the MMCRP or the CPUC's Petition for Modification process (CPUC Rule 16.4).

This letter documents the CPUC's thorough evaluation of all activities covered in this NTP, including the mitigation compliance table provided with the NTP request. The evaluation process ensures that all mitigation measures applicable to the location and activities covered in the NTP are implemented, as required in the CPUC's decision.

The CPUC has carefully reviewed the NTP request submitted by SCE (Attachment 1), and all preconstruction compliance documents, and verified that they incorporate compliance with all applicable MMs and EPEs. NTP #1 for constructing the underground portion of the RTRP is granted by the CPUC based on the factors described below.

Construction Activities

SCE requested approval to conduct the following activities:

- Mobilization and set-up of office trailers, portable restrooms, trash disposal facilities, vehicles, equipment, and construction materials at the Mira Loma Staging Yard
- Limited vegetation removal, grubbing, and scraping to facilitate use of existing access roads and new access roads
- Installation of temporary sound walls, construction fencing along the right-of-way, and protective netting surrounding the golf course workspaces
- Installation of new transmission infrastructure such as concrete riser pole foundations, vaults, duct banks, underground cables, and manholes, including grading as necessary for site preparation
- Trenching and installation of underground transmission vaults and bore casing
- Dewatering on Goose Creek Golf Course
- Installation and maintenance of Best Management Practices
- Soil disposal

Traffic control during construction activities will be implemented in compliance with the requirements of the City of Jurupa Valley and approved traffic control plans, Caltrans, the Project's Traffic Management Plan, and other applicable mitigation measures.

Following construction, the project area will be restored to its approximate pre-construction condition, unless otherwise stipulated by the property owner, and as required by the Project's Storm Water Pollution Prevention Plan (SWPPP).

NTP #1 Conditions of Approval

NTP #1 is approved by the CPUC with conditions. The conditions presented below shall be met by SCE and its contractors:

1. This NTP does not authorize construction of the overhead transmission line. No overhead transmission line activities may commence until CPUC has authorized those activities through a separate NTP.
2. This NTP authorizes construction staging activities at the Mira Loma Staging Yard. No other staging yards are approved for construction use.
3. All applicable project MMs, EPEs, compliance plans, and permit conditions shall be implemented. Some measures have ongoing/time-sensitive requirements and shall be implemented prior to and during construction, where applicable. Please see the attached table of pre-construction MM and EPE requirements.
4. SCE must submit all applicable permits to the CPUC prior to commencing any construction activities that are regulated by the permit(s).
5. Copies of all relevant permits, compliance plans, and this NTP shall be available on site for the duration of construction activities.
6. Prior to installation of protective netting at Goose Creek Golf Course, SCE shall provide record of consultation with wildlife agencies and their approval of the proposed netting.
7. SCE shall obtain all necessary regulatory permits from the appropriate water resource agencies prior to conducting any dewatering activities that involve the discharge of groundwater into jurisdictional or regulated waters within the Goose Creek Golf Course.
8. SCE shall acquire a State Water Resources Control Board General Permit which also requires preparation and implementation of a SWPPP, and provide a copy to CPUC prior to construction, in accordance with MMCRP and EPE-HAZ-03.
9. Prior to any ground-disturbing activities within the Goose Creek Golf Course, SCE shall submit a revegetation plan for the affected area to the CPUC for review. Alternatively, SCE may provide documentation demonstrating coordination with Goose Creek Golf Course representatives confirming that the golf course will assume responsibility for restoring areas impacted by Project-related construction activities.
10. SCE shall acquire a Caltrans Transportation Permit and provide a copy to CPUC prior to transportation of oversized equipment on the state transportation network, in accordance with MMCRP.
11. SCE shall prepare and submit to CPUC a Construction Safety Lighting Plan prior to any construction that requires construction lighting, in accordance with EPE AES-08.
12. SCE shall provide copies of documentation proving that construction equipment and vehicles meet USEPA-Certified Tier 4 emissions standards, are outfitted with BACT devices, and comply with the Truck and Bus Regulation to the CPUC as equipment is mobilized, in accordance with MM AQ-02.
13. SCE shall provide general construction noise disturbance notice by mail at least 1 week prior to construction activities to all sensitive receptors and residences within 500 feet of all construction, in accordance with MM NOI-04.

14. Prior to construction in which a utility distribution service interruption is known to be unavoidable, SCE shall notify members of the public affected by the planned outage at least 10 calendar days prior to the impending interruption for residential and commercial outages, in accordance with MM UTIL-02.
15. SCE shall notify local emergency personnel, residents within 300 feet, and schools providing school bus service in the area of lane or road closures at least 7 days prior to lane or road closures, in accordance with MM TRANS-06.
16. SCE shall prepare and submit complete Motorized and Non-Motorized Traffic Control Plans (TCPs) to the CPUC for review and approval prior to commencing construction activities that require traffic control, in accordance with MM TRANS-06.
17. SCE shall post signs at the affected bus stops on Pats Ranch Road and Limonite Avenue. The signs shall be posted at least 2 weeks in advance of road or lane closures and shall indicate when the bus stops along Pats Ranch Road or Limonite Avenue would be unavailable and where the nearest bus stop for RTA bus lines 29 or 3 is located, in accordance with MM TRANS-08.
18. SCE shall provide CPUC copies of posted notices prior to closure of recreational areas, in accordance with MM REC-01.
19. Work within riparian habitat is not authorized until SCE has fully satisfied MM BIO-15 and CPUC has received a copy of the Determination of a Biologically Equivalent or Superior Preservation (DBESP) Report and Wildlife Agency determination.
20. Immediately prior to initiating work activities at each project site, SCE shall conduct all remaining pre-construction surveys and clearances as specified in applicable MMs, EPEs, and permits. SCE must provide CPUC copies of survey results for the following resources where habitat exists:
    a) Western burrowing owl
    b) Migratory birds
    c) Western mastiff bat
    d) Western yellow bat
    e) Narrow endemic plants
    f) Jurisdictional wetlands

Please direct any questions related to this NTP response letter to me at (408) 915-7434 or boris.sanchez@cpuc.ca.gov.

Sincerely,

BSanchez

Boris Sanchez
Project Manager, Public Utilities Regulatory Analyst III
California Public Utilities Commission

cc: Wynter Dawson, AECOM
Rita Wilke, Panorama Environmental, Inc.

Attachment 1: SCE Request for NTP #1
Attachment 2: MMCRP Appendix B: Final Environmental Protection Elements and Mitigation Measures
Attachment 3: MMCRP Appendix C: Permits and Authorizations Tracking

Attachment 1: SCE Request for NTP #1

NOTICE TO PROCEED REQUEST FORM

To: California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

From: Lori Rangel
Senior Advisor, Major Projects Division
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770
Lori.rangel@sce.com
(626) 476-6253

Request Summary

Project:	SCE Riverside Transmission Reliability Project
CPUC Decision Number:	20-03-001
NTP Number:	01
Date Requested:	April 11, 2025 Revised May 8, 2025
Requested Approval Date:	June 9, 2025
Anticipated Start and End Date for the Proposed Actions:	June 23, 2025 to December 31, 2027

Please provide a figure and spatial data (GIS shapefiles preferred) for all Project locations included in this NTPR.

A mapbook (Attachment 2) and GIS dataset are provided with this NTPR submittal package.

Request Details

Description of the proposed actions requested in the NTP:

This Notice to Proceed Request (NTPR) describes the construction of the underground portions of a new 230 kilovolt (kV) double circuit (DC) transmission line that is part of the approximately 10-mile Riverside Transmission Reliability Project (RTRP). The approximately 4-mile underground portion of the transmission lines will be located in the City of Jurupa Valley in Riverside County, California. A detailed Project Description is provided as Attachment 1. Figures depicting the project location and features are provided in Attachment 2 of this NTPR.

This NTPR specifically requests authorization for mobilization and staging at the Mira Loma Staging Yard, and initiation and completion of construction activities required for installation of the underground portion of RTRP. The first phase will include mobilization and set-up of office trailers, portable restrooms, trash disposal facilities, vehicles, equipment, and construction materials to the Mira Loma Staging Yard. Construction activities associated with the underground segment are anticipated to include limited vegetation removal, grubbing, and scraping to facilitate use of existing access roads and new access roads; installation of temporary sound walls, construction fencing along the ROW, and protecting netting surrounding the golf course workspaces; installation of new transmission infrastructure such as concrete riser pole foundations, vaults, duct banks, underground cables, and manholes, including grading as necessary for site preparation; trenching and installation of underground transmission vaults and bore casing; dewatering on Goose Creek Golf Course; installation and maintenance of BMPs; soil disposal;

and temporary traffic control. Additional detail on these activities is provided in Section 3 of the attached Project Description.

Construction equipment operating hours for the underground segment will comply with local city municipal code noise ordinances, or as otherwise approved by the appropriate city.

Summary of project activities that have been previously authorized under prior NTP Authorization Letters (if applicable):

Not applicable, no NTPs for this project have been submitted prior to this request.

Summary of project activities that have not yet been authorized and that must be included with future NTP requests:

One future NTP(NTPR#2) is planned for this project. NTPR#2 will include construction activities for the overhead portions of the alignment, which extend into the City of Riverside's jurisdiction and include activities at the Tyler Yard.

Summary of any outstanding requirements and documentation that apply to this NTP and that are not included with the NTP package, and the anticipated dates they will be provided (if applicable). Submittal of documentation of the completion of these requirements prior to the start of the corresponding activities would likely be included as a condition of approval of this NTP:

The following plans are currently being produced by SCE's construction contractor and will be submitted as they are available for CPUC's review and approval. Estimated submittal dates assume a planned construction date of June 23, 2025, with consideration of the timelines outlines in the measures defined by the project's FEIR and SEIR. These requirements are also outlined in Attachment 3: Appendix C tables.

- Worker Environmental Awareness Program. This item has been reviewed by CPUC previously in October 2021 and conditionally approved pending incorporation of Fire Prevention and Management information. This item is pending completion of the Fire Prevention and Management Plan (as described below), and will be submitted to CPUC for final approval upon approval of that plan, and no later than 7 days prior to the start of construction, June 16, 2025.
- Fire Prevention and Management Plan. This item has been prepared by SCE's construction contractor and submitted to the CPUC on May 8, 2025 via Sharepoint; it is pending review.
- Health and Safety Plan. This plan is being produced by SCE's construction contractor, and will be submitted to CPUC no later than 30 days prior to the start of construction activities, May 23, 2025.
- Traffic Control Plans (TCPs). Due to the extended construction period, SCE anticipated that multiple TCPs will be required as work progresses along the alignment. The first TCP is being prepared and will be submitted to CPUC no later than 60 days prior to the start of work, April 24, 2025.
- Stormwater Pollution Prevention Plan(s). SCE is preparing SWPPPs for the project. This item will be submitted to CPUC no later than 7 days prior to the start of construction, June 16, 2025.
- Pre-Activity Study Report. This item is being prepared by SCE's construction contractor and will include the vegetation impacts mapping requested by CPUC. It will be submitted to the CPUC no later than 30 days prior to construction start, May 23, 2025.

Minor Project Refinements or Temporary Extra Workspace

Minor Project Refinements or Temporary Extra Workspace related to the proposed actions:

A Minor Project Refinement has been prepared to include the use of the Mira Loma Staging Yard, as shown in the mapbook provided in Attachment 2 of this NTPR. This Minor Project Refinement was submitted to the CPUC for review on May 1, 2025.

No Temporary Extra Workspace requests are included or planned at this time for the portion of the project covered by NTPR#1.

Attached Materials

List any attached materials below. Materials should be attached to the end of this form. At a minimum, please include updated versions of the six requirement tracking tables (Tables C-1, C-2, C-3, C-4, C-5, and C-6 from the MMCRP).

Pre-Activity Study Report (MM AES-01)

☐ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

This item is pending completion by the construction contractor. It will be submitted to the CPUC no later than 30 days prior to the start of construction.

Health and Safety Plan Attachments (Hazardous Materials Inventory Form, Emergency Release Response Form, Spill Log/Report)

☐ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

These items are pending completion of the contractor Heath and Safety Plan and will be provided to CPUC no later than 30 days prior to the start of construction, May 23, 2025.

Trail and Recreation Area Conditions Report (MM REC-04)

☒ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

The project included two Existing Conditions Reports, which described the roadways and sidewalks and trails throughout the alignment. Final Existing Conditions Reports were previously approved by the CPUC; final versions are dated April 2025 and were submitted to CPUC on April 8, 2025 via Sharepoint. Copies of these reports are included with this NTPR package for reference as Attachments 4 and 5.

Motorized and Non-motorized Traffic Control Plan (MM TRANS-06)

☐ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

Traffic Control Plans are in the process of development by the contractor. Multiple Traffic Control Plans are anticipated as construction progresses; the initial Traffic Control Plans will be submitted to CPUC no less than 60 days prior to the start of construction.

Encroachment Permits (identify all applicable encroachment permits below)

☐ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

The City of Jurupa Valley Superior Encroachment Permit was executed on December 20, 2022, and is included with this NTPR as Attachment 6.

Multiple encroachment permits within the City of Jurupa Valley are anticipated due to various work locations and the short duration of encroachment permit coverage. These permits will be requested by SCE's construction contractor as work activities progress. As such permits are submitted and approved, a copy of these permits will be submitted to CPUC prior to the start of work within these roadways.

Encroachment permits associated with the City of Riverside are not required as part of this NTPR.

Weed Inventory (MM BIO-09A)

☐ **Attached** ☐ **Previously Provided (Provide NTPR# and Date)** ☐ **Not Applicable**

The Final Weed Control and Invasive Species Management Plan was accepted by CPUC on February 19, 2025; however, weed mapping had not been conducted at that time. A field survey to map the extent of weed populations in the NTPR#1 work areas is being completed by the construction contractor. The associated weed inventory mapbook will be submitted to CPUC no less than 30 days prior to the start of construction activities, either as part of the Pre-Activity Survey Report or as a standalone submittal.

Other

This NTPR submittal package includes the following items:

- Attachment 1: Project Description
- Attachment 2: NTPR#1 mapbook, including a Project Location figure and detailed work locations.
- Attachment 3: MMRCP Appendix C Tracking Tables.

- Attachment 4: TMP Existing Conditions Report
- Attachment 5: RMP Existing Conditions Report
- Attachment 6: NTPR#1 GIS dataset, displaying the alignment, work areas, laydown yards, and other associated features.

Attachment 1

RTRP Project Description

Southern California Edison

Documentation for Compliance with the Opinion Granting a Certificate of Public Convenience and Necessity (CPCN)

Notice to Proceed Request for Underground Segment

Riverside Transmission Reliability Project (RTRP)

Revised

May 2025

Table of Contents

Acronyms

BMPs	Best Management Practices
CPCN	Certificate of Public Convenience and Necessity
DC	Double Circuit
FEIR	Final Environmental Impact Report
FSEIR	Final Subsequent Environmental Impact Report
HDPE	High Density Polyethylene
kV	Kilovolt
LST	Lattice Steel Tower
NTPR	Notice to Proceed Request
PD	Partial Discharge
Project	Riverside Transmission Reliability Project
PVC	Polyvinyl Chloride
ROW	Right-of-Way
RTRP	Riverside Transmission Reliability Project
SCE	Southern California Edison
TSP	Tubular Steel Pole
USGS	United States Geological Survey

1.0 INTRODUCTION

This Notice to Proceed Request (NTPR) describes the construction of the underground portions of a new 230 kilovolt (kV) double circuit (DC) transmission line that is part of the approximately 10-mile Riverside Transmission Reliability Project (RTRP). The approximately 4-mile underground portion of the transmission lines will be located in the City of Jurupa Valley in Riverside County, California. See Figure 1: Project Overview.

The underground portions of the RTRP consist of two parallel approximately 4-mile circuits of the future Mira Loma-Wildlife and Vista-Wildlife 230 kV transmission lines. The Final Environmental Impact Report (FEIR) dated October 2012, describes the Riverside Transmission Reliability Project (RTRP or Project). Additionally, the October 2018 Final Subsequent Environmental Impact Report for the RTRP was prepared by the California Public Utilities Commission ("2018 FSEIR") which presents specific information for the underground segment components and construction activities. Southern California Edison (SCE) will perform these construction activities along the underground segment as described.

2.0 SITE LOCATION AND CONDITIONS

The construction activities for underground portions of RTRP would occur within Riverside County. As shown in Figure Set 2, the two parallel underground routes span approximately 4 miles along the SCE easement right-of-way (ROW) primarily through paved city streets located within the City of Jurupa Valley and the Goose Creek Golf Course. Figures 2-3 through 2-12 of Figure Set 2 shows the underground alignment, work areas, and facilities and structures included in this NTPR. For reference, the transmission line is located within the Guasti and Corona North United States Geological Survey (USGS) 7.5-minute topographic quadrangles.

The northern portion of the underground segment would interconnect to the existing Mira Loma-Vista No. 1 230 kV transmission line at lattice steel towers (LSTs) M1-T2 and M1-T3. LST M1-T2 will connect to the new tubular steel pole (TSP) riser M1-P2AW transitioning the overhead configuration to an underground configuration for the Mira Loma-Wildlife circuit.

LST M1-T3 will connect to the new TSP riser M1-P2BW transitioning the overhead configuration to an underground configuration for the Vista-Wildlife circuit. The new transmission lines will be built as a set of two (2) parallel underground ducts and structures in a southeasterly direction for approximately 4 miles. The majority of the cable will be installed in underground duct banks and vaults, which will be constructed via trenching and backfilling. In select locations, bore casing installation will be utilized to install cable beneath select features along the 4-mile underground route. At the bore casing installation locations, the cable will be installed within bundled conduit in the boreholes. The transmission lines will transition back from underground configurations to overhead configurations at TSP riser M4-P1BW for the Mira Loma-Wildlife circuit and TSP riser M4-P1AW for the Vista-Wildlife circuit. Both TSP risers M4-P1BW and M4-P1AW will connect to the new LST M4-T2W. This underground segment connecting to the proposed new overhead segment of the RTRP will create the new Mira Loma-Wildlife and Vista-Wildlife 230 kV transmission lines.

Additional information on the features associated with the underground segment is described in Section 3.0.

3.0 PROJECT COMPONENTS

This section describes the project components, including site facilities and operations, and site work associated with the underground segment of RTRP. Construction equipment operating hours for the underground segment will comply with local city municipal code noise ordinances, or as otherwise approved by the appropriate city.

3.1 Project Elements/Construction Activities

Following is a list of elements and activities that will possibly be present or active throughout the construction of the underground transmission line.

Project Elements	Construction Activities
• Existing access roads and new access roads	• Vegetation removal, including grubbing and scraping
• Underground transmission vaults, duct banks, bore casings, and cable	• Grading for access roads and site preparation
• Wire setup sites (i.e., pull sites, wire splice sites)	• Trenching and bore casing installation
• Transmission telecom manholes, partial discharge (PD) monitoring system manholes	• Installation of vaults, duct banks, foundations, underground cables, telecom manholes, and PD monitoring system manholes
• ROW fence	• Installation of fence, including temporary construction fencing and permanent ROW fencing
• Dewatering well point system	• Dewatering on Goose Creek Golf Course
• Temporary Embed TSP	• Installation of temporary TSP
• Concrete Riser pole foundations for M1-P2AW and M1-P2BW	• Installation of concrete Riser pole foundations for M1-P2AW and M1-P2BW
• Distribution and telecom relocation and installation	• Installation and maintenance of BMPs
• Construction equipment and vehicles	• Soil disposal
• Permit requirements (e.g., Best Management Practices [BMPs])	• Operation of construction equipment and vehicles
• Temporary sound walls	• Installation of temporary sound walls
• Temporary lighting for nighttime construction activities	• Temporary traffic control

3.2 Site Work for the Underground Transmission Line

Site work for the installation of the underground transmission line will include grading for access roads and site preparation; underground installation of vaults, manholes, duct banks,

and cable; and installation of new transmission structures/foundations, wires, and hardware assemblies. Specific information on these activities is provided below.

3.2.1 Access Roads

Construction of the new underground transmission line will require temporary access throughout the ROW and within the contractor work limits.

Construction of the new underground transmission line will also involve constructing approximately 300 linear feet of new permanent access roads, which will include improvements to existing roads and establishing new roads. The new permanent access roads have been designed to have a minimum 17-foot-wide drivable width. Additional roadway width may be required to accommodate vehicle turning, vehicle turnouts, sidecast, and backslope. Drainage improvements (e.g., v-ditches, down-drains, energy dissipaters) will be installed at select access road locations to divert water away from access roads for erosion control. Access roads may also require slope stability improvements (e.g., retaining walls, mechanically stabilized earth walls), cut and fill, and benched grading.

3.2.2 Site Preparation

Construction activities associated with the installation of the transmission line will require grading, dewatering, protective netting installation in the golf course, installation of temporary embed TSP, and other site preparation activities. Some of these activities would be temporary (e.g., construction roads, dewatering well point system, golf course netting, temporary TSP, land disturbance for construction staging areas, vault installation, and cable installation). Other construction activities would be permanent, and the land would remain in use after construction (e.g., access roads, duct banks, and vaults). Site preparation will include installation of BMPs, which will be maintained throughout the remaining construction activities described below.

Staging areas for construction activities will be located at various locations along the ROW and within contractor work limits. Typical bore casing installation staging areas require approximately two 50-foot by 100-foot areas, accommodating equipment, storage, and pits for boring machine setup, cuttings, and pipe storage. In locations of relatively level terrain,

only vegetation removal would typically occur to prepare a contractor work area. To support equipment and vehicle traffic, the graded areas will be compacted. Temporary sounds walls will be installed, as needed, to mitigate noise impacts. Site preparation is necessary to accommodate duct bank, manholes, and vaults.

Dewatering is anticipated to occur on the Goose Creek Golf Course between the vault clusters located on the golf course and riser poles M4-P1BW and M4-P1AW. Dewatering would be performed by the installation of a well point system. This would include PVC tubing installed along the perimeter of the trench, approximately 12 inches from the edge of the excavation. The tubing would be connected to a series of pumps that would pump the groundwater from the ground into holding tanks onsite. Once the water is pumped into the holding tanks it would then be treated and disposed of in one of several methods. The method for disposal would depend upon approved discharge permitting from the local jurisdiction. Any permitting that is necessary will be secured prior to any dewatering activities by the appropriate water regulatory agency and copies of obtained permits will be provided to the CPUC. The following methods are anticipated for disposal:

- Pump ground water along pipes and discharge into either storm drain or sewer drain. Permitting and water treatment prior to discharge will depend on coordination with the location jurisdiction.
- Pump ground water along pipes and discharge into the Santa Ana River. Permitting and water treatment prior to discharge will depend on coordination with the location jurisdiction.
- Pump ground water into tanker trucks and haul water offsite to an approved disposal facility. Permitting and water treatment prior to discharge will depend on coordination with the location jurisdiction.

A protective netting structure would be installed on the Goose Creek Golf Course along the project ROW to protect the workers on the project from errant golf balls, and to minimize the visual/noise disturbance created by the work allowing the golf course operations to resume as much as possible during completion of the work. The net structure would consist

of approximately 50-foot-long wood poles that are embedded into the ground approximately 7.5 feet deep. The poles would be installed with a digger derrick (auger truck) and the annulus around the pole backfilled with the native dirt (no concrete is planned). The poles would need to be spaced 200 feet apart; steel guy wire would be strung at the top of each pole between the poles. The 1-inch by 1-inch netting material would be secured to the guy wire and draped down, and secured to the poles to rest just above the ground. Fifty-foot bucket trucks would be utilized to install the guy wire and to hang the netting materials. The bottom 10 feet of the net structure would also be screened with green construction screening material. This screen would be attached to the net and provide reduction for noise and visual impacts. This netting is planned to follow the perimeter of the approved disturbance areas within the Golf Course. These would be the edge of SCE's easement(s) and the project approved disturbance locations which are identified in Figure 2-12. The netting is planned to be installed during the 4th quarter of 2025 and would be in place for the completion of the underground and overhead scope of work. The plan would be to remove the netting structure in the 4th quarter of 2027 utilizing the same equipment used to install it.

3.2.3 Major Underground Activities

Planned underground construction activities for the underground segment are summarized below and identified in Figures 2-3 through 2-12 of Attachment 2.

- **Installation of vaults.** Installation of the vaults will include varying degrees of grading at the vault cluster locations. One type of vault will be installed as part of the underground segment, as described below:
    - **13 cable splice vault clusters.** This activity will include the installation of a set of two vaults per circuit at each vault cluster location (52 vaults total) to facilitate cable splicing. The distance between vault clusters ranges up to approximately 2,300 feet. Vaults will measure approximately 56 feet long by 10 feet wide by 10 feet deep. Each vault location requires an excavation measuring at least 60 feet long by 14 feet wide by 18 feet deep.

- **Installation of Manholes:** Installation of the manholes will include varying degrees of grading at the manhole locations. Two types of manholes will be installed as a part of the underground segment, as described below:
    - **30 transmission telecommunication manholes.** This activity will include the installation of 30 transmission telecommunication manholes to provide vital access points for installation, maintenance, and repair of telecommunication cables. Manholes will measure approximately 5 feet long by 5 feet wide by 6.5 feet deep. Each manhole location requires an excavation measuring at least 5.5 feet long by 7 feet wide by 12 feet deep.
    - **30 partial discharge (PD) monitoring system manholes.** This activity will include the installation of 30 PD monitoring system manholes to allow for proactive maintenance with early detection and location of insulation problems. Manholes will measure approximately 5 feet long by 5 feet wide by 6.5 feet deep. Each manhole location requires an excavation measuring at least 5.5 feet long by 7 feet wide by 12 feet deep.
- **Installation of approximately 8 miles of duct bank (two parallel 4-mile duct banks).** This activity will include the installation of polyvinyl chloride (PVC) ducts. The duct banks will be installed as eight (8) 8-inch diameter conduits, two (2) 5-inch diameter conduits, and four (4) 3.5-inch diameter conduits in their designated locations. The duct bank installation process will entail trench excavation, duct installation, encasement with high-strength concrete, backfill with fluidized thermal fill, and capped with soil. Where the duct bank crosses existing improvements (e.g., curb, gutter, roadway), these improvements will be restored to match pre-existing conditions. The depth from grade to the top of the duct banks will be at least 3 feet and will vary along the route based on site-specific conditions. Excess excavated soil will be hauled offsite for disposal at an SCE-approved facility. The open trench will be secured at the end of each workday to protect the public from fall hazards, including the use of steel plates to maintain access to driveways, parking facilities, sidewalks, and roads.

- **Installation of approximately 40 feet of bundled HDPE conduit via bore casing.** Bore casing operations will be used for cable installation at one location. Bore casing operations may include drilling rigs, vacuum trucks, excavators, water trucks, hydraulic pumps, and other equipment/vehicles as required. The installation of the bore casing will be on Pats Ranch Road for the Mira Loma 230 kV circuit to install the conduit under the existing 5 feet by 10 feet storm drain culvert. The bore pit is expected to be 10 feet by 20 feet by 18 feet deep and the receiving pit (6 feet by 12 feet by 18 feet deep) shored using box shoring system. The bore casing subcontractor will begin the installation of a 52-inch bore casing. From here, a bulkhead will be installed at one end of the casing and then thermal concrete will be pumped to fill the bore casing. After the casing is filled, the conduit system will be mandrelled before connecting the conduit to the previously installed main line duct bank.

- **Installation of approximately 48 circuit miles of cable.** Conductor cable and communication fiber optic cable will be installed vault-to-vault (each splitting at each end to a pair of vaults) and TSP-to-vault (paired cable runs at each of the 4 riser poles) in the conduit system composed of bore casing and duct bank. Installation activities include transport of cable reels to the vaults, pulling cable, clamping cable, splicing cable, and testing cable. A total of 156 electrical power cable joints and 24 termination points will be installed.

- **Installation of temporary tubular steel pole (TSP).** One temporary TSP would be installed at the northwest corner of Cantu-Galleano Ranch Road and Wineville Avenue by one crew. This crew would dig and set the direct embed TSP base, backfill as per the design requirements, and erect the top sections of the pole. The same crew would then utilize a previously scheduled 230kV line outage on the Mira Loma – Vista No. 2 230kV circuit to transfer the existing overhead conductors to the newly erected TSP. At this location, the crew would cut and dead-end the wire and install jumpers at the pole. The transfer of the existing wire to the pole would be critically important to provide enough safe workspace for a crane to set the rebar cages for the M1-P2AW and M1-P2BW riser

pole foundations near the Mira Loma – Vista No. 1 230kV circuit. Access to the adjacent structures (M1-T1, M1-T2 and M1-T3 on the Mira Loma – Vista No. 2 230kV circuit may be necessary to replumb existing insulators following completion of the transfer and dead-ending work at the pole. This work would be completed from rubber-tired bucket trucks, parked at the base of the structure, and the crews would work from bucket truck baskets to plumb the insulators to proper alignment.

- **Installation of concrete riser pole foundations for M1-P2AW and M1-P2BW.** The installation of the concrete foundations for structures M1-P2AW and M1-P2BW is tied to the completion of the underground trench and duct bank. The riser foundations indicate the termination point of the UG duct bank and are required to tie in the new UG circuit to the existing OH circuit. The foundations will be installed by one foundation crew. This crew will auger the foundation excavation, use heavy rubber-tired crane equipment to set rebar cages and anchor bolt cages into the excavation, and then place or pump concrete for completion of the foundation. The upper, above ground portion of the foundation will be formed with removable forms, the top of the concrete will be hand finished, and all equipment and tooling will be removed from the site upon completion of the work.

Attachment 2

Project Mapbook

Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 1 Project Overview

2-1
2-2
2-3
2-4
2-5
2-6
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2-8
2-9
2-10
2-11
2-12

CITY OF ONTARIO
San Bernardino County
City of EASTVALE
Eastvale
City of JURUPA VALLEY
Glen Avon
Riverside County
City of RIVERSIDE
City of NORCO

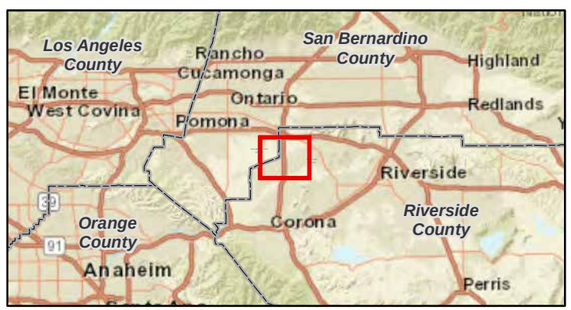
Page Extent
Municipal Boundary
County Boundary
Contractor Material Yard

Transmission Alignment

New, Underground

Construction Areas

General Disturbance Area
Right Of Way



0 1,125 2,250 4,500 Feet

Scale:1 : 27,000; 1 inch = 2,250 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

AECOM

SOUTHERN CALIFORNIA EDISON
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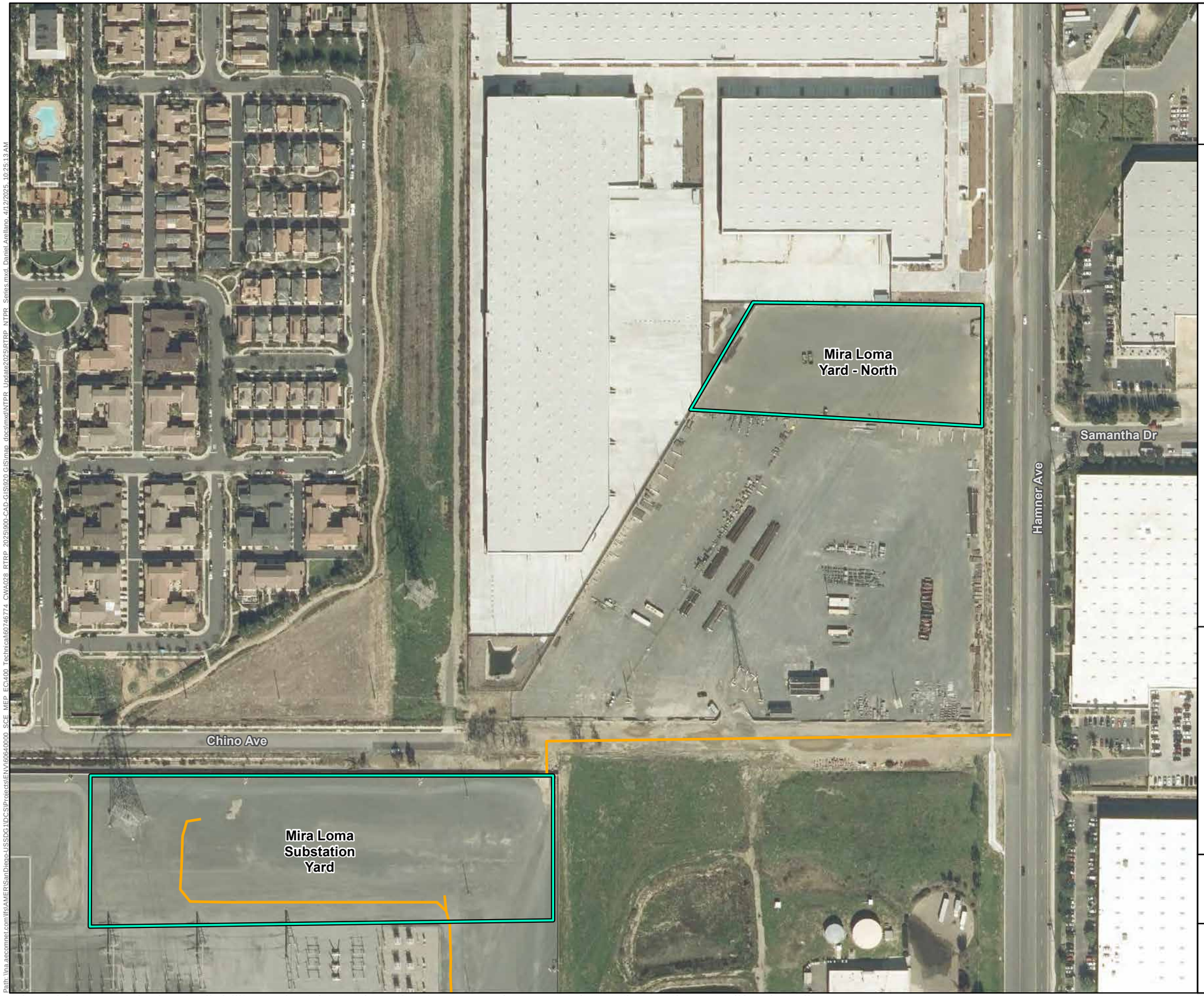
Path: \\na.aecomnet.com\lfo\AMER\SanDiego-USSDG1\DCS\Projects\ENV\60640000_SCE_MEP_EC\400_Technical\60726774_CWA028_RTRP_2025\800_CAD-GIS\920_GIS\mxd_docs\mxd\NTPR_Update2025\RTRP_NTPR_Overview.mxd, Daniel.Arellano, 4/1/2025, 10:49:31 AM

Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

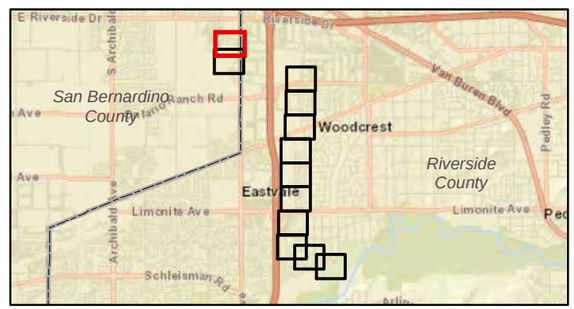
Figure 2-1



Contractor Material Yard

Access Road Lines

Existing, Access Road



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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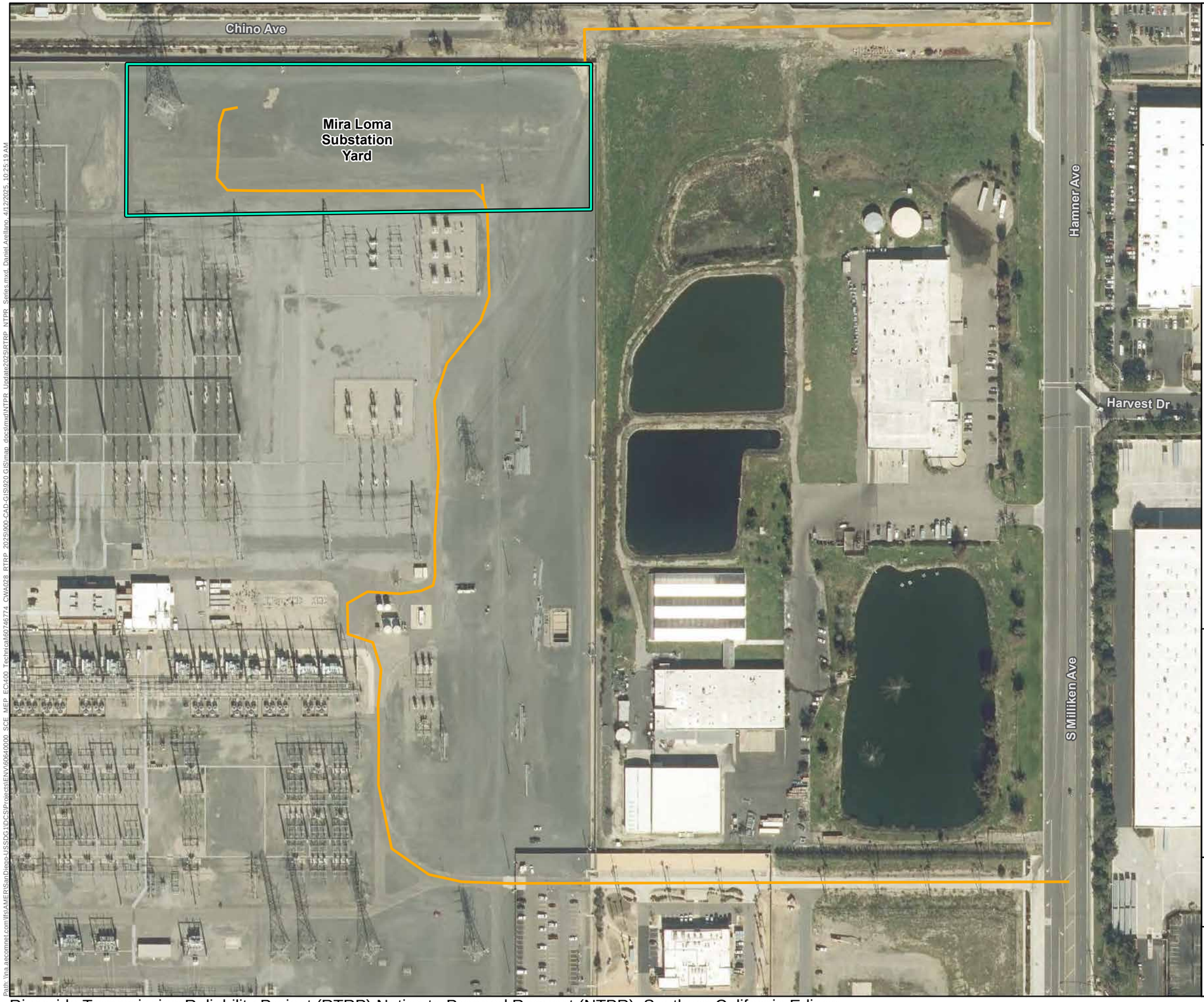


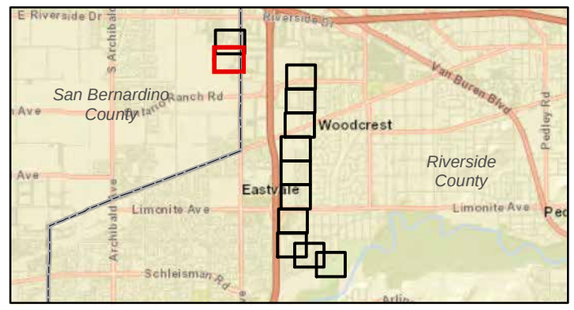
Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-2

Contractor Material Yard

Access Road Lines

Existing, Access Road



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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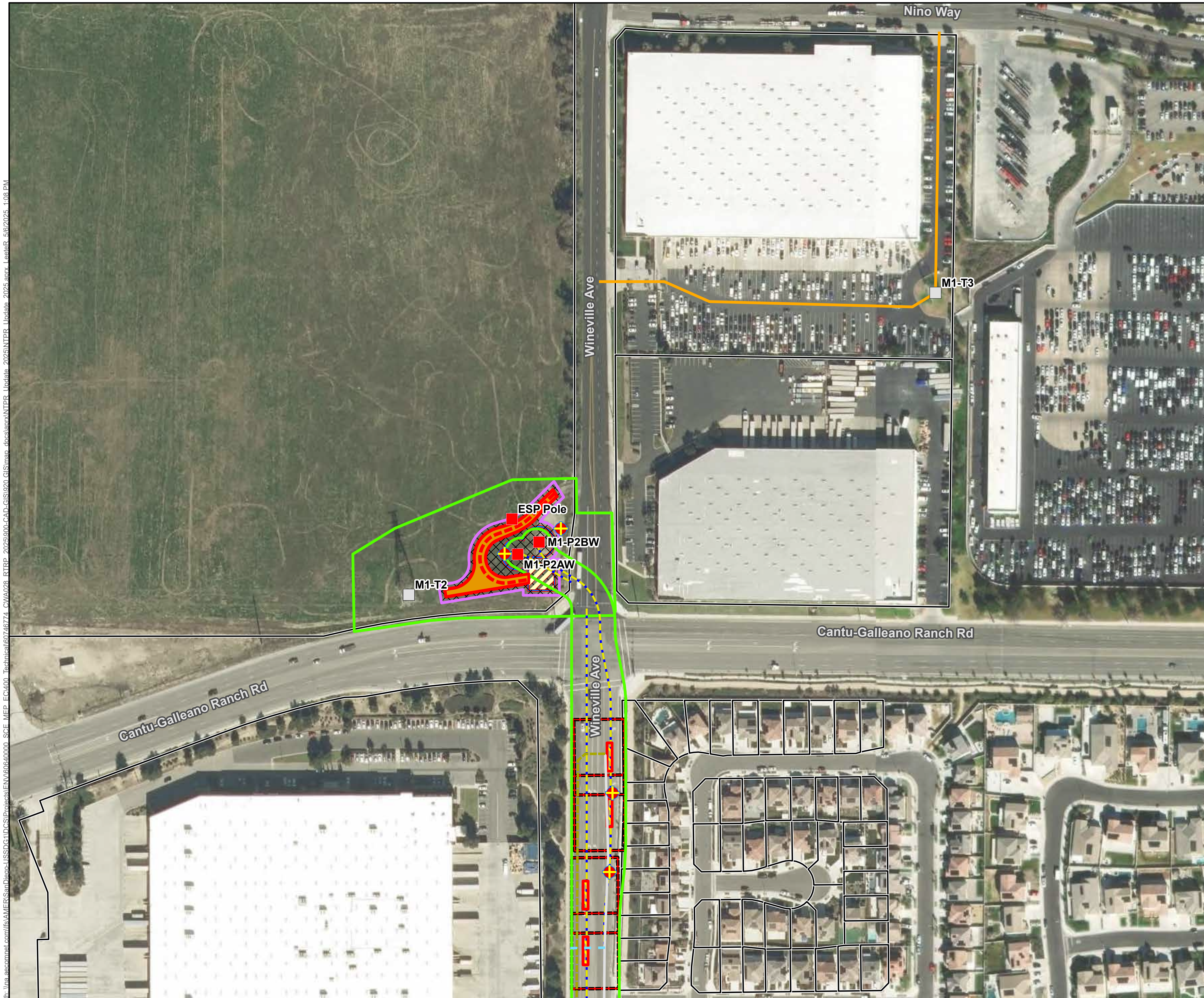


Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-3

Geotech Boring Locations

Distribution Alignment

Existing Overhead

New Underground

Remove Overhead

Transmission Structures

Existing

New

Vault

Transmission Alignment

New, Underground

Access Road Lines

Existing, Access Road

New, Access Road

New, Access Road

Civil Design Features

Grading Limit, Access Road, Permanent

Ground Disturbance Area, Civil Work Limit, Temporary

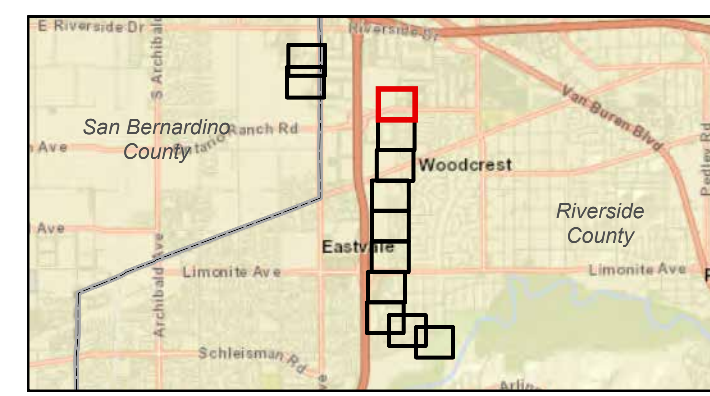
Ground Disturbance Area, O&M Pad, Permanent

Construction Areas

General Disturbance Area

Structure Work Area

Parcel Boundary



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Scale:1 : 2,400; 1:2,400

Sources: SCE 2025; AECOM 2025; World Street Map.

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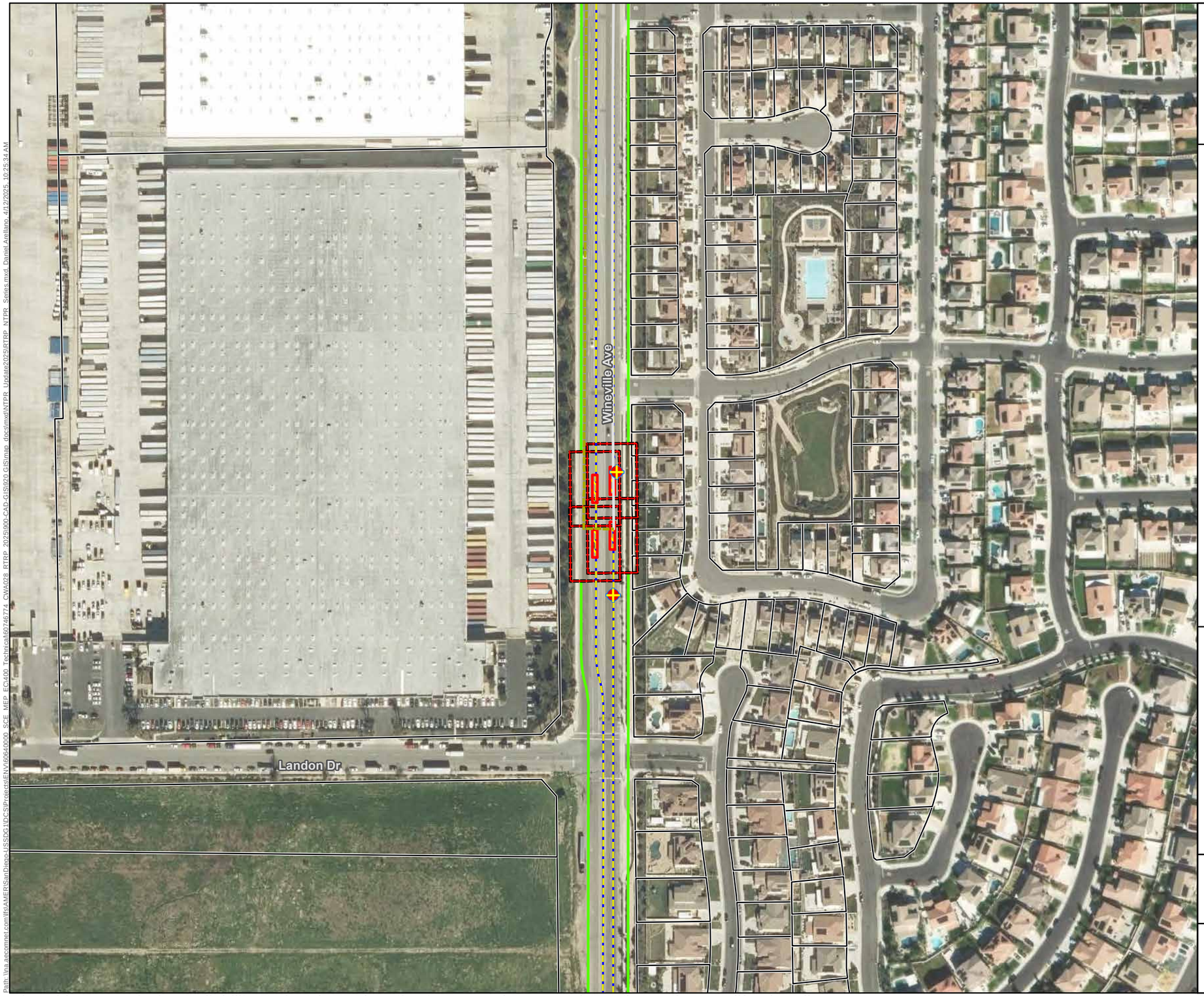
Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-4



- Geotech Boring Locations

Distribution Alignment

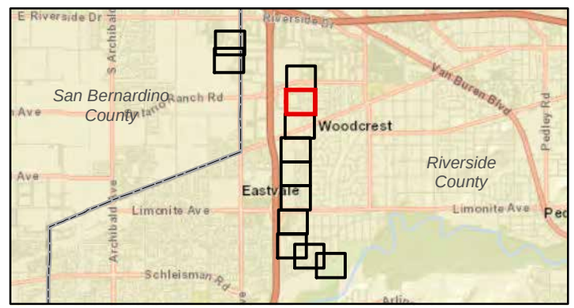
- Existing Overhead
- New Underground
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-5

- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary

0 100 200 400 Feet

Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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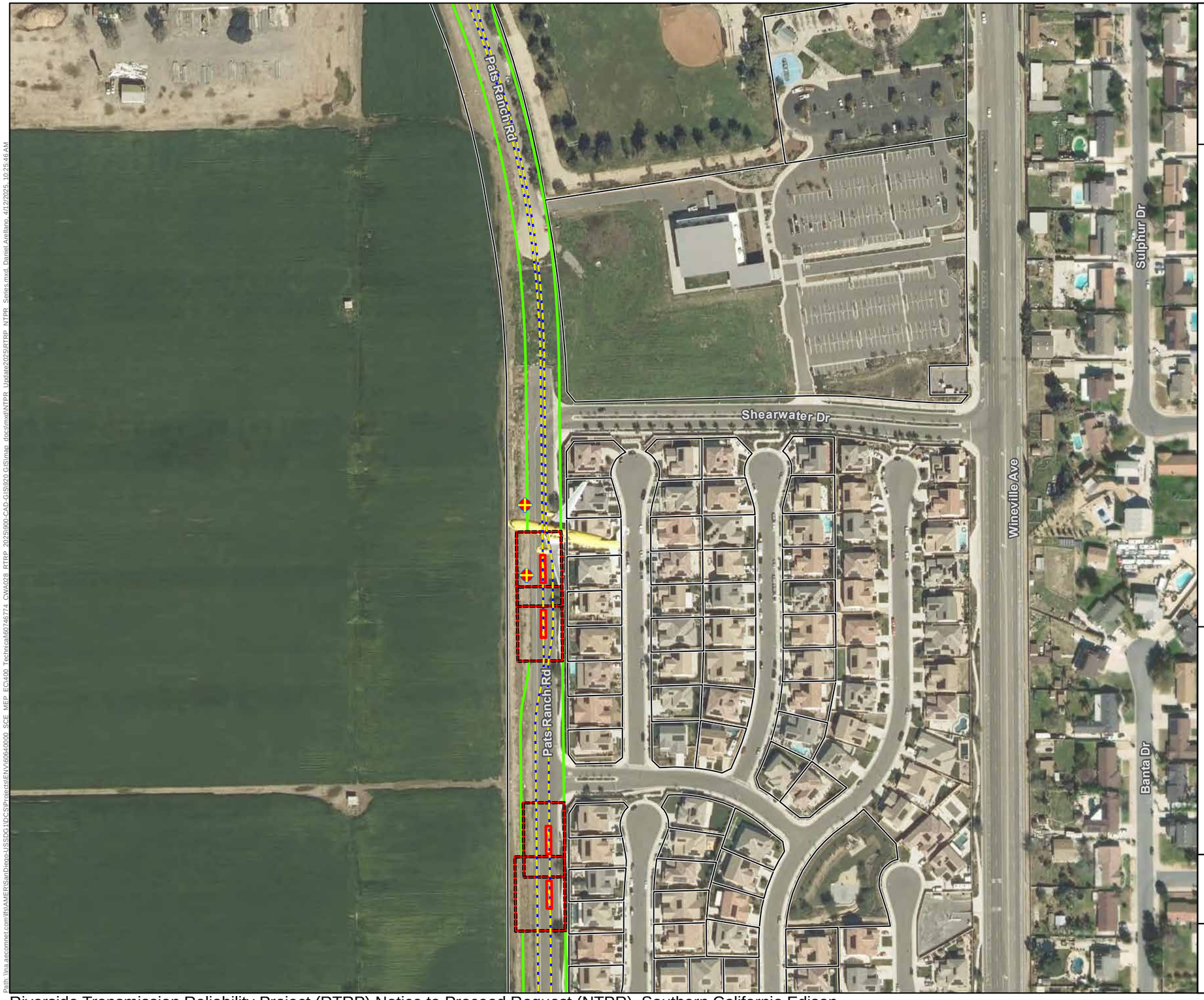
Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-6



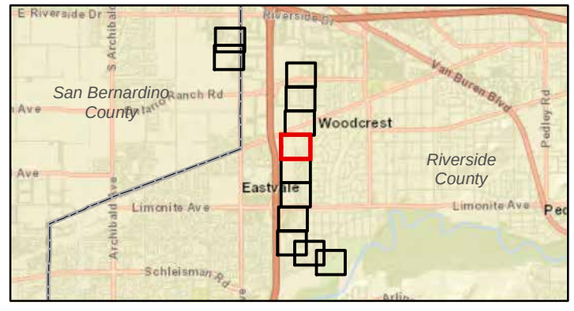
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-7

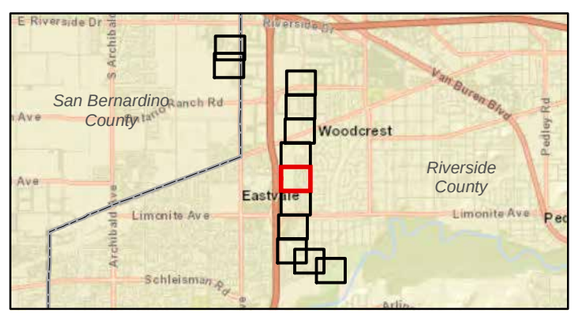
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR), Southern California Edison

Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-8

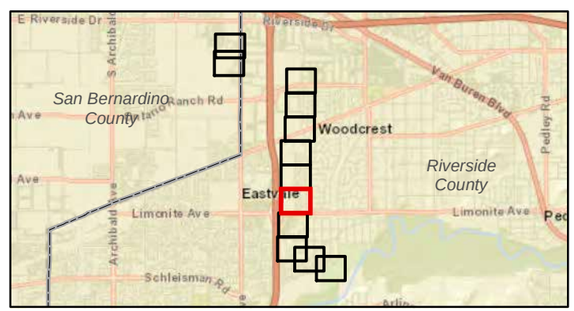
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-9

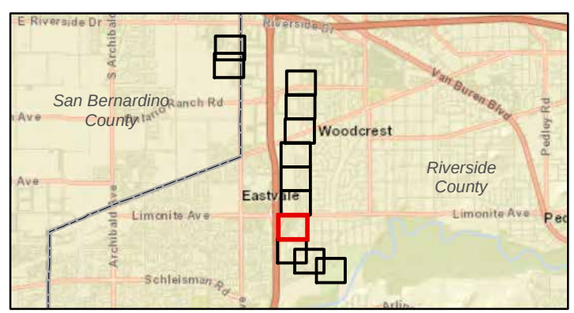
- Telecom Structure - Vault
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-10

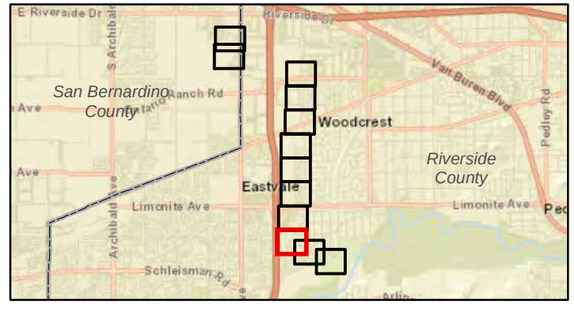
- Telecom Structure - Vault
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-11

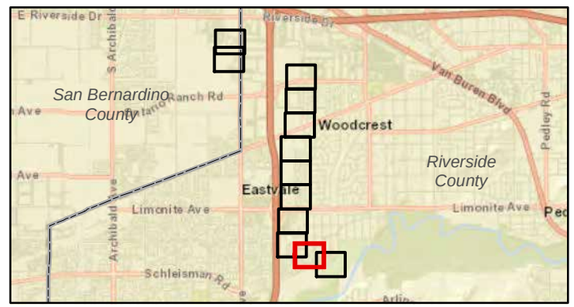
- Telecom Structure - Vault
- Geotech Boring Locations
- Vault

Transmission Alignment

- New, Underground

Construction Areas

- General Disturbance Area
- Structure Work Area
- Parcel Boundary



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Scale:1 : 900; 1 inch = 200 feet

Sources: SCE 2025; AECOM 2025; World Street Map.

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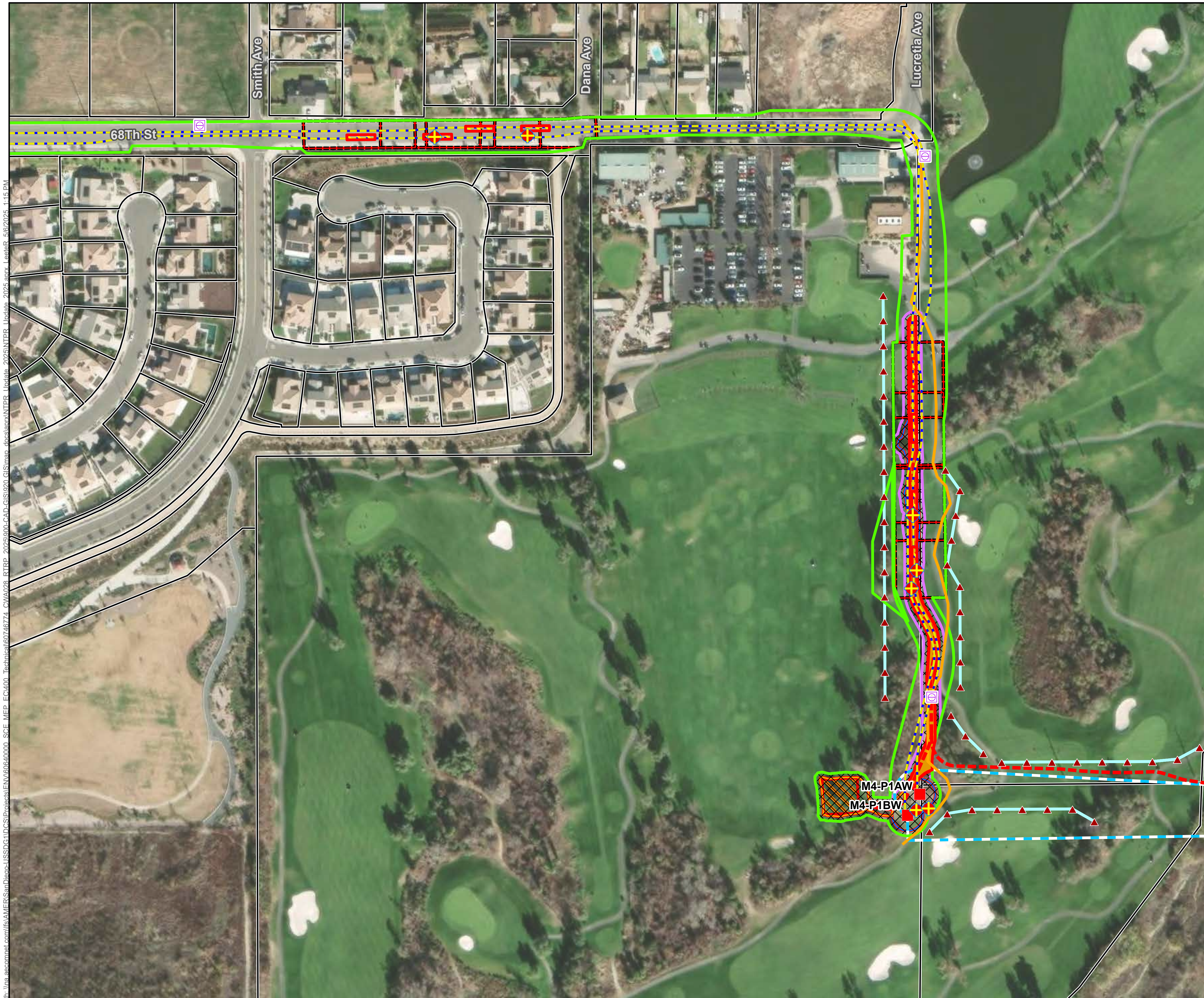


Riverside Transmission Reliability Project (RTRP) Notice to Proceed Request (NTPR) Map Series

Figure 2-12

- Netting Structure
- Telecom Structure - Vault
- Geotech Boring Locations

Transmission Structures

- New
- Vault

Transmission Alignment

- New, Underground

Access Road Lines

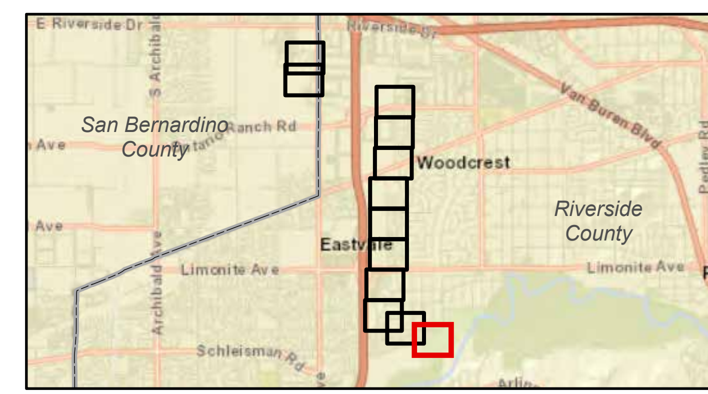
- Existing, Access Road
- New, Access Road
- New, Access Road

Civil Design Features

- Construction Area, Crane Pad, Temporary
- Grading Limit, Access Road, Permanent
- Grading Limit, Crane Pad, Temporary
- Ground Disturbance Area, Civil Work Limit, Temporary

Construction Areas

- General Disturbance Area
- Structure Work Area
- Netting
- Right Of Way
- Parcel Boundary



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Sources: SCE 2025; AECOM 2025; World Street Map.

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Attachment 3

MMRCP Appendix C Tracking Tables

Table C-1 Permits and Authorizations Tracking

Permit/Authorization	Purpose and Authority	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a] Submitted	Review/Coordination [a] Approved	Status/Notes
Required Prior to All Construction Activities						
CPUC Certificate of Public Convenience and Necessity (CPCN)	CPUC authorization to construct the project *CPUC General Order (GO) 131-D, Section III.B*	GO 131-D	SCE obtained a CPCN from CPUC (as issued through the CPUC Proceeding Decision).	**SCE:** March 12, 2020	**CPUC:** March 12, 2020	**Approved.** This item is complete.
			*SCE shall submit any requests for Minor Project Refinements (MPRs) or Petitions for Modification (PFMs), as needed, **prior to deviating from the CPUC-approved project**.	***CPUC:** N/A	***CPUC:** N/A	**Not applicable to this NTPR.** No refinements or modifications that necessitate MPRs or PFMs have been required for the project to date. SCE will comply with this condition if MPRs or PFMs are necessary in the future.
City of Jurupa Valley Superior Easement	Construction activities of permanent utilities within City of Jurupa Valley roadways	CPUC Decision 20-03-001	SCE shall acquire the superior easement and provide a copy to CPUC **prior to construction commencement**	**City:** Dec 20, 2022 **CPUC:** April 10, 2025	**City:** Dec 20, 2022 **CPUC:** Pending review as of April 14, 2024	**Complete.** This Superior Easement was signed by the City of Jurupa Valley on Jan. 20, 2022, recorded Feb. 23, 2022, and submitted to CPUC on April 10, 2025.
State Water Resources Control Board (SWRCB) General Permit	Permit for discharging stormwater associated with construction and land disturbance activities of one acre or more *Order No. 2009-0009-DWQ, as amended by 2010-0014-DWQ and 2012-0006-DWQ* The General NPDES Permit requires preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) (refer to Table C-2)	MMCRP	SCE shall submit Permit Registration Documents (PRDs) (e.g., Notice of Intent [NOI], etc.) **once obtained from the SWRCB.**	**SWRCB:** Pending **CPUC:** Pending	**SWRCB:** Pending **CPUC:** N/A	**Pending.** SCE will submit this item prior to start of construction.
			SCE shall submit all Notice of Termination (NOT) forms to CPUC **once SWPPP requirements have been met and permit coverage has ended.**	**SWRCB:** N/A **CPUC:** N/A	**SWRCB:** N/A **CPUC:** N/A	**Not applicable to this NTPR.** This item is required following construction completion, and it not required for this NTPR. SCE will submit the NOT as required.
Required Prior to Transportation of Equipment and Materials for Construction Activities						
Caltrans Transportation Permit	Movement of oversized or excessive load vehicles on the state transportation network *California Vehicle Code*	MMCRP	SCE shall acquire the permit and provide a copy to CPUC **prior to transportation of oversized equipment on the state transportation network.**	**Caltrans:** TBD **CPUC:** TBD	**Caltrans:** TBD **CPUC:** N/A	**Not required at this time.** This permit will be acquired by the contractor if oversized or excessive loads are required. If needed, this permit will be obtained prior to transportation of oversized equipment.
City of Riverside Encroachment Permits	Construction activities within City of Riverside roadways not covered by existing franchise agreements *City of Riverside Code of Ordinances Chapter 13.08-Permits*	MM TRANS-06	SCE shall acquire the permit and provide a copy to CPUC **prior to work within City roadways.** *Multiple encroachment permits are anticipated due to various work locations and short duration of encroachment permit coverage.*	**City:** N/A **CPUC:** N/A	**City:** N/A **CPUC:** N/A	**Not applicable to this NTPR.** This NTPR does not include work within the City of Riverside. These permits will be acquired by the contractor for future work within City of Riverside prior to site-specific encroachments.
City of Jurupa Valley Encroachment Permits	Construction activities within City of Jurupa Valley roadways not covered by existing franchise agreements *Jurupa Valley Municipal Code Chapter 13.10 Excavations and Encroachments on City Highways*	MM TRANS-06	SCE shall acquire the permit and provide a copy to CPUC **prior to work within City roadways.** *Multiple encroachment permits are anticipated due to various work locations and short duration of encroachment permit coverage.*	**City:** Pending **CPUC:** Pending	**City:** Pending **CPUC:**	**Not required at this time.** These permits will be acquired by the contractor if needed and submitted prior to site-specific encroachments.

Permit/Authorization	Purpose and Authority	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a] Submitted	Review/Coordination [a] Approved	Status/Notes
Required Following Specific Discoveries/Determinations						
***United States (U.S.) Army Corps of Engineers (USACE) Section 404 Nationwide Permit**	Work in waters of the U.S., including wetlands *Section 404 of the Clean Water Act*	EPE HYDRO-01	*SCE shall acquire a permit and provide a copy to CPUC **prior to impacting waters of the U.S., including wetlands.**	***USACE:** N/A ***CPUC:** N/A	***USACE:** N/A ***CPUC:** N/A	**Not applicable to this NTPR.** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE will obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***RWQCB Section 401 Water Quality Certification**	Consistency with state water quality standards, prior to issuance of a USACE Section 404 Permit. *Section 401of the Clean Water Act*	EPE HYDRO-01	*SCE shall obtain a 401 Permit prior to obtaining a Section 404 Permit from USACE, and provide a copy of the permits to CPUC **prior to impacting waters of the U.S.**	***RWQCB:** N/A ***CPUC:** N/A	***RWQCB:** N/A ***CPUC:** N/A	**Not applicable to this NTPR.** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE will obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration Agreement**	Regulates activities that affect waters of the state, including the bed or bank of such features *Fish and Game Code Section 1602*	EPE HYDRO-01	*SCE shall acquire any permit and provide a copy to CPUC **prior to impacting waters of the state.**	***CDFW:** N/A ***CPUC:** N/A	***CDFW:** N/A ***CPUC:** N/A	**Not applicable to this NTPR.** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE will obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***Riverside County Flood Control and Water Conservation District**	Regulates floodplain and drainage development of the Santa Ana River	EPE HYDRO-01	SCE shall acquire any permit and provide a copy to CPUC **prior to impacting the Santa Ana River floodplain.**	***RCFCWCD:** N/A ***CPUC:** N/A	***RCFCWCD:** N/A ***CPUC:** N/A	**Not applicable to this NTPR.** This NTPR does not include work activities within the Santa Ana River.
***U.S. Fish and Wildlife Service (USFWS) Section 10 Incidental Take Permit under the MSHCP**	Regulates impacts on federally-listed, threatened, or endangered plants and animals, and the habitats upon which they depend. *Section 10 of the Endangered Species Act*	MM BIO-01 and MM BIO-01A	*SCE shall acquire permits and provide copies to CPUC **prior to any incidental take of federally-listed species or federally-protected habitat**.	***USACE:** N/A ***CPUC:** N/A	***USFWS:** N/A ***CPUC:** N/A	**Not applicable to this NTPR.** **No federally-listed species or federally-protected habitat are known to occur in the project area.** SCE will obtain the necessary permits if federally protected species or habitat are discovered during pre-construction surveys or during construction clearances.
***CDFW Section 2081(b) Incidental Take Permits or Consistency Determination under the MSHCP**	Impacts on state-listed, threatened, or endangered species, and the habitats upon which they depend *Fish and Game Code Section 2081(b)*	MM BIO-01 and MM BIO-01A	*SCE shall acquire any permits and provide copies to CPUC **prior to any incidental take of state-listed species or state-protected habitat.**	***CDFW:** N/A ***CPUC:** N/A	***CDFW:** N/A ***CPUC:** N/A	**Not applicable to this NTPR. No state-listed species or state-protected habitat are known to occur in the project area.** SCE will obtain the necessary permits if special-status species are discovered during pre-construction surveys or during construction clearances.

Notes:

[a] All project permits, and authorizations provided by other agencies, must be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of project permits and authorizations, if necessary.

* Requirements marked with an asterisk are only applicable under specified conditions described in the Status/Notes column.

Table C-2 Plans Tracking

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab] Submitted	Approved	Status
Required Prior to All Construction Activities					
Worker Environmental Awareness Program (WEAP) Training Materials	MM BIO-05 MM CUL-02C	SCE shall submit all WEAP materials to CPUC for review and approval **prior to the start of construction.**	**CPUC:** 10/13/2021	**CPUC:** Pending	**Pending completion.** Final approval by CPUC is pending incorporation of slides related to fire prevention. This item will be completed with input from the construction contractor and submitted to CPUC prior to the start of construction.
Fugitive Dust Control Plan	MM AQ-01	A draft Fugitive Dust Control Plan shall be submitted to the CPUC for review and approval **at least 30 days prior to the initiation of construction**.	**CPUC:** 10/13/2021	**CPUC:** 1/13/2022	**Approved.** This plan was approved 2/3/2022 and is complete.
Worker Carpool Program	MM AQ-02	SCE or its contractor shall develop a program and require construction workers to carpool to construction sites.	**CPUC:** Pending	**CPUC:** N/A	**Pending.** This item will be completed by the construction contractor and will be submitted to CPUC prior to the start of construction.
Weed Control Plan	MM BIO-09A	The Weed Control Plan shall be submitted to the CPUC for review and approval **at least 30 days prior to construction.** Qualification requirements associated with the Weed Control Plan are summarized in Table C-5 below.	**CPUC:** 12/15/2022	**CPUC:** 2/19/2025	**Approved.** This plan was approved 2/29/2025 and is complete.
Cultural Resources Monitoring and Treatment Plan (CRMTP), Paleontology Resources Monitoring and Treatment Plan (PRMP)	MM CUL-02B	A CRMTP shall be combined with the Construction Monitoring and Unanticipated Cultural Resources Discovery Plan and shall be submitted **at least 30 days prior to construction** to consulting tribe(s) for review, and the CPUC for review and approval.	**CPUC:** 3/17/2022	**CPUC:** 2/18/2025	**Approved.** The CRMP, which contained these elements, was approved 2/18/2025 and is complete. The PRMP, which contained these elements, was approved 12/16/2024 and is complete.

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		
			Submitted	Approved	Status
Final Construction Plans	MM CUL-02E	SCE shall submit final construction plans to the CPUC and consulting tribes **at least 60 days prior to construction** for evaluation of potential cultural resource conflicts are evaluated per MM CUL-02B. Revised construction plans submitted to CPUC for confirmation of incorporate changes at least 14 days prior to construction.	**CPUC:** Pending **Tribes:** Pending	**CPUC:** Pending **Tribes:** Pending	**Pending completion.** SCE has completed the 90 percent drawings for the project, but the finals are not yet available. This item will be submitted to CPUC and the consulting tribes at least 60 days prior to the start of construction.
Traffic Control Plans	MM TRANS-06	SCE shall prepare and submit Motorized and Non-Motorized Traffic Control Plans (TCPs) to the CPUC for review and approval **at least 60 days prior to commencing construction activities.**	**CPUC:** 11/17/2024 Submitted plans include Traffic Management Plan and Transportation Existing Conditions Plan.	**CPUC:** Pending	**Traffic Management Plan approved 5/5/2025.** **Traffic Control Plans pending completion.** This item will be completed by the construction contractor. Multiple Traffic Control Plans and encroachment permits are anticipated throughout the construction phase.
Fire Prevention and Management Plan	MM HAZ-03	A fire prevention and management plan shall be developed, and applicable fire laws and regulations would be observed during the construction period.	**CPUC:** 5/5/2025	**CPUC:** Pending	**In progress.** SCE's construction contractor has prepared a Fire Prevention and Management Plan; this plan was submitted to CPUC on 5/8/2025 for review.
Stormwater Pollution Prevention Plan (SWPPP)	MMCRP EPE HAZ-03	A Qualified SWPPP Developer (QSD) shall prepare a SWPPP for the project in accordance with the SWRCB General Permit (refer to Table C-1). The SWPPP shall be implemented **prior to the start of construction**.	**CPUC:** Pending	**CPUC:** N/A	**Pending completion.** SWPPPs will be completed and submitted prior to start of construction.
Spill Prevention, Countermeasure and Control (SPCC) Plan	EPA's Oil Pollution Prevention regulation (40 CFR part 112) EPE HAZ-03	Facilities with a total above-ground oil storage capacity of greater than 1,320 gallons prepare SPCC to prevent oil spills from reaching Waters of the U.S. In accordance with Title 40 of the CRF, Part 112, a SPCC shall be prepared **prior to the start of substation operation** and include engineered and operational methods for preventing, containing, and controlling potential releases, and provisions for safe cleanup and reporting.	**CPUC:** Pending	**CPUC:** N/A	**Not applicable to this NTPR.** This item will be completed prior to bringing oil to the substation, which is not anticipated under this NTPR.

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		
			Submitted	Approved	Status
Hazardous Materials Business Plans (HMBPs)	EPE HAZ-03	**Prior to the start of operation**, a HMBP shall be prepared or updated and submitted, in accordance with Chapter 6.95 of the CHSD, and Title 22 CCR.	**CPUC:** N/A	**CPUC:** N/A	**Not applicable to this NTPR.** This NTPR includes initial mobilization and construction activities, not operations. An HMBP will be submitted prior to start of operation.
Construction Safety Lighting Plan	EPE AES-08	Prepare a Construction Safety Lighting Plan **prior to construction.**	**CPUC:** N/A	**CPUC:** N/A	**Not applicable to this NTPR.** Planned activities do not include night work, no lighting is anticipated at this time. If night lighting is proposed, this plan would be submitted prior to the night work.
Health and Safety Plan	EPE HAZ-01	A health and safety plan to address site-specific health and safety issues would be prepared and implemented.	**CPUC:** Pending	**CPUC:** Pending	**Pending completion.** This item will be completed by the construction contractor and submitted to CPUC prior to the start of construction.
Hazardous Materials Management and Hazardous Waste Management Program	EPE HAZ-01	A project-specific Hazardous Materials Management and Hazardous Waste Management Program would be developed prior to initiation of the project.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved.** This item is part of the "Hazardous Substance Control and Emergency Response Plan" (Sept. 5, 2024) and is complete.
Emergency Response Plan	EPE HAZ-01	An Emergency Response Plan detailing responses to releases of hazardous materials would be developed prior to construction activities.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved.** This item is part of the "Hazardous Substance Control and Emergency Response Plan" (Sept. 5, 2024) and is complete.
Soil Management Plan	EPE HAZ-02	The Soil Management Plan would provide guidance for the proper handling, on site management, and disposal of impacted soil that might be encountered during construction activities.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved.** This item is part of the "Hazardous Substance Control and Emergency Response Plan" (Sept. 5, 2024) and is complete.

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab] Submitted	Approved	Status
Required Following Specific Discoveries/Determinations					
***Determination of a Biologically Equivalent or Superior Preservation (DBESP)**	MM BIO-15	SCE shall submit the determination to the CPUC for review and approval **at least 90 days before construction in riparian areas.**	**CPUC:** N/A	**CPUC:** N/A	**Not applicable to this NTPR.** This NTPR does not include work within riparian areas.
Paleontological Monitoring and Treatment Plan (PMTP)	MM CUL-04A	A qualified paleontologist shall prepare a PMTP with specifications for excavations within the project area and part-time monitoring of ground-disturbing activities that occur in areas with indeterminate, low, or marginal paleontological sensitivity.	**CPUC:** 11/11/2024	**CPUC:** 12/17/2024	**Approved.** This item is part of the Paleontological Resources Monitoring and Treatment Plan (December 2024) and is complete.

Notes:

[a] All project Plans required by other agencies must be submitted to CPUC.

[b] CPUC reserves the right to review and comment on the accuracy and adequacy of all project Plans.

* Requirements marked with an asterisk are only applicable under specified conditions described in the requirement source.

Table C-3 Notifications Tracking

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		
				Submitted	Approved	Status
Required Prior to All Construction Activities						
Rule 403 Large Operation Notification	SCAQMD	MM AQ-01	Submit a Rule 403 Large Operation Notification to SCAQMD with a copy provided to CPUC for verification.	**CPUC:** Pending	**CPUC:** N/A	**Not applicable to this NTPR.** SCE has confirmed that the project does not qualify as a Large Operation and notification is not required. This was submitted to CPUC via email on 5/5/2025.
Fugitive dust signage	The general public	MM AQ-01	A sign shall be posted near the entrance of the facility with a responsible individual's name and phone number in case there are any fugitive dust control issues at the site.	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
General construction noise disturbance	All noise-sensitive receptors within 500 feet all construction	MM NOI-04	SCE shall provide notice by mail **at least 1 week prior to construction activities** to all sensitive receptors and residences within 500 feet of all construction.	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
Required Prior to Specific Construction Activities						
Utility distribution service interruption	Members of the public affected by the planned outage	MM UTIL-02	Prior to construction in which a utility distribution service interruption is known to be unavoidable, SCE shall notify members of the public affected by the planned outage **at least 10 calendar days prior to the impending interruption for residential and commercial outages.**	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
Lane or road closures	Fire departments, police departments, ambulance, and paramedic services, residents within 300 feet, and schools providing school bus service in the area (i.e., Troth Elementary and Louis Vandermolen Fundamental Elementary)	MM TRANS-06	SCE shall notify local emergency personnel, residents within 300 feet, and schools providing school bus service in the area **at least 7 days prior to lane or road closures**.	**CPUC: TBD**	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a] Submitted	Approved	Status
Bus stop closure/detour	Members of the public	MM TRANS-08	SCE shall post signs at the affected bus stops on Pats Ranch Road and Limonite Avenue. The signs shall be posted at least 2 weeks in advance of road or lane closures and shall indicate when the bus stops along Pats Ranch Road or Limonite Avenue would be unavailable and where the nearest bus stop for RTA bus lines 29 or 3 is located.	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
Pedestrian or equestrian closure/detour	Members of the public	MM TRANS-08	SCE shall post signs at pedestrian/equestrian intersections at least 2 weeks in advance of construction that are anticipated to be affected by closures and/or detours. These signs shall state the date range of construction and shall indicate the route of pedestrian/equestrian detours during construction.	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
Construction activities within recreational areas	Closures would be coordinated with recreational facility owners	MM REC-01	Post notices prior to the closure.	**CPUC:** TBD	**CPUC:** N/A	**To be implemented during construction.** This item will be completed by the construction contractor throughout the construction phase.
Required Following Specific Discoveries/Determinations						
*Bats	CPUC, RCA, CDFW	MM BIO-03	* If active bat roost is unavoidable, RPU and SCE would consult with RCA and CDFW and implement their recommendations.	***CPUC:** TBD ***RCA:** TBD ***CDFW:** TBD	***CPUC:** N/A ***RCA:** TBD ***CDFW:** TBD	**To be implemented during construction.** Active bat roosts have not been identified to date. If roosts do occur, SCE will consult with RCA and CDFW as required.
*Raptors	CPUC, USFWS, CDFW	MM BIO-08	*If active raptor nests are unavoidable, RPU and SCE would consult with the appropriate agencies (USFWS and CDFW) and implement their recommendations.	***CPUC:** TBD ***USFWS:** TBD ***CDFW:** TBD	***CPUC:** N/A ***USFWS:** TBD ***CDFW:** TBD	**To be implemented during construction.** Active raptor nests have not been identified to date. If nests occur and cannot be avoided, SCE will consult with USFWS and CDFW as required.
*Previously undiscovered cultural resources	CPUC; consulting tribe(s)	MM CUL-02B	*If unanticipated cultural resources are discovered during construction, the Qualified Archaeologist, consulting tribe(s), and the CPUC shall be notified.	***CPUC:** N/A ***Tribes:** N/A	***CPUC:** N/A ***Tribes:** N/A	**To be implemented during construction.** If unanticipated cultural resources are discovered, SCE will make the notifications as required.

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		
				Submitted	Approved	Status
*Previously undiscovered human remains	CPUC; Medical Examiner; NAHC	MM CUL-02D	* In the event that human remains or suspected human remains are identified, the Qualified Archaeologist and SCE shall be **immediately notified**, and the Qualified Archaeologist shall examine the find. If the Qualified Archaeologist determines that there may be human remains, SCE shall **immediately contact** the Medical Examiner at the Riverside County Coroner's office. If the Medical Examiner believes the remains are Native American, he/she shall **notify the NAHC within 24 hours**. If the remains are not believed to be Native American, the appropriate local law enforcement agency shall be notified. The **NAHC shall immediately notify** the person it believes to be the most likely descendant (MLD) of the remains.	***CPUC:** N/A ***Tribes:** N/A	***CPUC:** N/A ***Tribes:** N/A	**To be implemented during construction.** If human remains are discovered, SCE will make the notifications as required.
*Previously undiscovered tribal cultural resources	CPUC; affected tribe(s)	MM CUL-02E	* In the event of an inadvertent discovery, no activities shall be conducted within the boundaries of a known tribal cultural resource until SCE has obtained concurrence on avoidance and minimization methods from affected consulting tribes. The CPUC shall make a final determination if SCE cannot obtain concurrence from the tribes **within 60 days of initial identification** of the potential cultural resource conflict.	***CPUC:** N/A	***CPUC:** N/A	**To be implemented during construction.** If unanticipated cultural resources are discovered, SCE stop work until concurrence is obtained.

Notes:

[a] Notifications and documentation required by other agencies must also be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of notification materials, if necessary.

* Requirements marked with an asterisk are only applicable under specified conditions described in the requirement source.

Table C-4 Surveys Tracking

Resource/Topic	Requirement Sources	Freq. Before Construction [a]	Freq. During Construction	Freq. After Construction	Status
Western burrowing owl+*	MM BIO-03	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Migratory birds*+	MM BIO-08	Once	No more than two to three days prior to vegetation clearing or ground disturbance during nesting season [b]	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Western mastiff bat*	MM BIO-03	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Western yellow bat*	MM BIO-03	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Delhi sands flower- loving fly+	MM BIO-14	Once	--	--	**Pending completion.** Surveys were conducted in 2024 with a negative finding. Survey will be repeated in 2025 during the approved survey season for this species (July to September).
Narrow endemic plants*+	MM BIO-03	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Invasive Weeds*+	MM BIO-09A	Once	Annually from the time construction begins	Annually from the time construction begins until 2 years after construction is complete	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Jurisdictional wetlands*+	MM BIO-10	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Cultural resources*+	MM CUL-01	Once	--	--	**Pending completion.** This item will be completed prior to work start by the construction contractor.
Geotechnical investigation*+	EPE GEO-01	Once	--	--	**Complete.** Plan was completed in 2022.
Roads and sidewalks*+	MM TRANS-07	Once	--	Once	**Complete, pending CPUC approval.** This item was included in the Existing Conditions Report associated with the Traffic Management Plan (roads) and in the Existing Conditions Report associated with the Recreation Management Plan (sidewalks). The Traffic Management Plan is pending CPUC approval as of April 8, 2025; the Recreation Management Plan was approved by CPUC on March 5, 2025.

Resource/Topic	Requirement Sources	Freq. Before Construction [a]	Freq. During Construction	Freq. After Construction	Status

Notes:

[a] If construction is delayed for more than 30 days or otherwise specified, pre-construction surveys may need to be repeated, as determined through coordination with CPUC, and potentially USFWS and CDFW.

[b] Surveys shall be conducted from February 15 through August 15.

* From 2013 RTRP EIR

\+ From SFEIR

Table C-5 Specific Personnel Qualification Requirements Tracking

Role	Requirement Source	Qualifications and Submittal Timing
Qualified Biologist	MM BIO-03 MM BIO-08	Refer to the requirement source(s).
Weed Control Treatment Developer	MM BIO-09A	Refer to the requirement source(s).
Licensed Qualified Herbicide Applicator	MM BIO-09A	Refer to the requirement source(s).
Qualified Archaeologist	MM CUL-02 MM CUL-02A MM CUL-02B MM CUL-02D	Refer to the requirement source(s).
Qualified Archaeological Monitor	MM CUL-02B	Refer to the requirement source(s).
Tribal Cultural Monitor	MM CUL-02B	Refer to the requirement source(s).
Qualified Paleontologist	MM CUL-03 MM CUL-04 MM CUL-04A MM CUL-05 MM CUL-08	Refer to the requirement source(s).
Qualified Paleontological Monitor	MM CUL-03 MM CUL-04 MM CUL-04A MM CUL-05	Refer to the requirement source(s).
Qualified HAZWOPER Worker	MM HAZ-01	Refer to the requirement source(s).

Table C-6 Specific SCE Reporting Requirements Tracking

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
		Before Construction		
Pre-Activity Study Report (vegetation impacts)	Pre-Activity Study Report is provided to CPUC **at least 30 days prior to construction. The Pre-Activity Study Report may be prepared and submitted with each Notice to Proceed request.**	MM AES-01	Report shall include: description of work location, size, equipment, and methods required for project activities that may disturb vegetation; map of work area location; documentation of surrounding land uses; photographs of the area to be disturbed; documentation of vegetation types, species, and quantity to be removed; proposed landscape revegetation plans; and records of communication with landowners indicating approval of revegetation plans.	**Pending completion.** Some of these details are included in this NTPR; other elements (e.g., vegetation impacts) will be submitted by the contractor for each NTPR. This item will be completed prior to the start of construction by the contractor.
Calculation evidence for off-road equipment, as needed	Submit calculation evidence to the CPUC for review **at least 2 weeks prior to use of off-road equipment that does not meet Tier 4 emissions standards.**	MM AQ-02	SCE or the contractor may be allowed to operate off-road equipment that does not meet Tier 4 emissions standards if SCE provides calculation evidence that use of the equipment will not cause an exceedance of SCAQMD significance thresholds. SCE must make a due diligence search to find and use equipment with the Tier 4 emissions standards or the highest emissions standards available. Circumstances where this may be applicable are limited to the following situations: (1) the equipment is specialty or unique and cannot be found with a Tier 4 engine (e.g., sag cat with three winches, PM10 street sweepers); (2) the equipment is not in use for more than 5 days total; and/or (3) the equipment is registered under CARB's Statewide Portable Equipment Registration Program.	**Not applicable at this time.** If applicable equipment is to be used during construction activities, this item will be submitted to the CPUC at least two weeks prior to use.
Determination of a Biologically Equivalent or Superior Preservation Report	Determination of a Biologically Equivalent or Superior Preservation (DBESP) Report is prepared **at least 90 days prior to construction** within riparian habitat areas. Prior to approval of Biologically Equivalent or Superior Preservation Determinations, Wildlife Agencies and CPUC are notified and **provided a 60-day review and response period.**	MM BIO-15	Report shall include: quantification of unavoidable impacts to riparian/riverine areas associated with the project, including direct and indirect effects; a written description of project design features and mitigation measures that reduce indirect effects, such as edge treatments, landscaping, elevation difference, minimization and/or compensation through restoration or enhancement; and a finding demonstrating that although the Proposed Project would not avoid impacts, with proposed design and compensation measures, the project would be biologically equivalent or superior to that which would occur under an avoidance alternative without these measures.	**Not applicable to this NTPR.** This NTPR does not include work in riparian areas. SCE is pursuing completion of these items and will submit to CPUC at least 90 days prior to construction within riparian areas.
Geotechnical Study Report	Geotechnical Study Report is submitted to CPUC no less **than 60 days prior to construction.**	EPE GEO-01	Identify site-specific soils and geologic conditions	**Complete.** This item was completed in 2022.

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
Pre-Construction Road and Sidewalk Condition Assessment	Pre-Construction Road and Sidewalk Condition Assessment is submitted to CPUC and the City of Jurupa Valley **no less than 30 days prior to construction. The pre-construction assessments may be prepared and submitted with each Notice to Proceed request.**	MM TRANS-07	Pre-construction road and sidewalk condition assessment along roadways and sidewalks along the underground alignment and construction traffic routes. The pre-construction road and sidewalk condition assessment shall include photographs or a video recording along the construction route public roads within 500 feet in each direction of project access points and roadways where the road surface would be damaged by project-related trenching and digging.	**Complete.** This item was included in the Existing Conditions Report associated with the Traffic Management Plan (roads) and in the Existing Conditions Report associated with the Recreation Management Plan (sidewalks). The Traffic Management Plan Existing Conditions Report was approved March 5, 2025, with updated photos provided in CPUC on April 8, 2025. The Recreation Management Plan and associated Existing Conditions Report was approved by CPUC on March 5, 2025.
During Construction				
Equipment air quality documentation	Provide air quality documentation for each applicable unit of equipment at the time of mobilization.	MM AQ-02	During Project construction, all off-road diesel-powered construction equipment greater than 50 hp shall meet the Tier 4 emission standards. In addition, all construction equipment shall be outfitted with Best Available Control Technology (BACT) devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations (i.e., if Project construction goes beyond the anticipated schedule). A copy of each unit's certified tier specification, BACT documentation, CARB or SCAQMD operating permit, and Truck Regulation Upload, Compliance and Reporting System receipt shall be provided to the CPUC at the time of mobilization for each applicable unit of equipment.	**To be implemented during construction.** This item will be completed by the construction contractor during construction.
Monthly Environmental Training Program (ETP) Logs	Information collected daily and submitted to CPUC **monthly** during construction.	EPE AQ-02 MM BIO-05 MM CUL-02C EPE HAZ-01 EPE HAZ-04 MM HAZ-03	Training logs and sign-in sheets for staff who have participated in the ETP, including their training level (refer to Section 2.2.4).	**To be implemented during construction.** This item will be completed by the construction contractor during construction.
Nesting Bird Reports	Information collected daily/as needed and submitted to CPUC **monthly** during construction occurring within the avian nesting season (generally between February 1 and August 31). Annual summary reports are prepared and submitted to CPUC during construction for each nesting season.	MM BIO-08	Description of nests identified during the monthly reporting period including the location, species, exclusion buffer, construction activities within buffers, and monitoring observations. Report should include a map of the locations and buffers. Annual summary of all avian-related monitoring results and outcomes.	**To be implemented during construction.** This item will be completed by the construction contractor during construction.

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
*Cultural Resource Evaluation Plan	Evaluate the significance of all cultural resources that cannot be avoided and provide the CPUC with applicable studies prior to conducted any activity that may impact the resource.	EPE CUL-03 MM CUL-02B	Refer to requirement sources.	**To be implemented during construction.** This measure is included in the Cultural Resources Management Plan, approved 2/18/2025. No resources have been discovered to date, so no studies have been conducted.
*Cultural Resource Data Recovery Plan	Data recovery plans for historical resources that cannot be fully avoided shall be prepared in accordance with CEQA Guidelines Section I 5126.4(b)(3)(C) and PRC Section 21083.2, as applicable.	MM CUL-02B	Refer to requirement source.	**To be implemented during construction.** This measure is included in the Cultural Resources Management Plan, approved 2/18/2025. No resources have been discovered to date, so no recovery plans have been developed.
*Cultural Resource Data Recovery Field Memo	Following implementation of the Data Recovery Plan, the Data Recovery Field Memo shall be prepared whenever an unanticipated resource is discovered during construction.	MM CUL-02B	Refer to requirement source.	**To be implemented during construction.** No unanticipated resources have been discovered to date, so no Data Recovery Field Memos have been required.
*Cultural Resources Data Recovery Report	**Within 90 days** of submittal of the Data Recovery Field Memo following an unanticipated resource discovery, a Data Recovery Report is prepared and submitted to CPUC and consulting tribes(s), if appropriate. Once approved, the Data Recovery Report is filed with the Eastern Information Center.	MM CUL-02B	Report shall present: results of the data recovery program, including a description of field methods, location and size of excavation units; analysis of materials recovered (including results of any special analyses conducted); conclusions drawn from the work; indicate where artifacts, samples, and documentation resulting from the data recovery program will be curated; and specify that the curation facility meets the requirements of 36 CFR 79.	**To be implemented during construction.** No Data Recovery Field Memos have been prepared, so no Data Recovery Reports have been required.
SWPPP Visual Inspection and Storm Reports	Prepared for each qualifying rain event (QRE) (0.5 inch or more of precipitation within a 48 hour or greater period between rain events) and quarterly for non-stormwater discharges. Submitted to the Regional Water Board and CPUC **upon request** until SWPPP coverage is complete [c].	EPE HAZ-03	Visual inspection observations, proposed erosion and sediment control details, any corrective actions, the results of water quality sampling, and analysis of stormwater discharges associated with the project site.	**To be implemented during construction.** This item will be completed throughout construction as QREs occur; construction has not yet been initiated so no reports have been required to date.

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
SWPPP Numeric Action Level (NAL) Exceedance Reports	Prepared when values for parameters for pH and turbidity are exceeded and submitted to the Regional Water Board and CPUC **upon request.**		Sampling methodology, a description of the best management practices (BMPs) associated with the sample that exceeded the NAL and the proposed corrective actions taken.	**To be implemented during construction.** This item will be completed throughout construction if exceedances occur and such reports are request; construction has not yet been initiated.
SWPPP Monthly and Annual Reports	Prepared **monthly and annually** for each year of SWPPP coverage and submitted to CPUC until SWPPP coverage is complete[c].		Stormwater data, evaluations, required forms, a summary of all corrective actions taken during the compliance year, and identification of any compliance activities or corrective actions that were not implemented.	**To be implemented during construction.** These monthly and annual reports will be submitted as required during construction.
Weed Inventory and Monitoring Report	Weed Inventory and Monitoring Report is **prepared annually** during construction and submitted to CPUC.	MM BIO-09A	Annual surveying for new invasive weed populations and the monitoring of identified and treated populations	**To be implemented during construction.** This annual report will be submitted as required during construction.
After Construction				
Documentation of completed revegetation activities	Documentation of completed revegetation submitted to CPUC for final approval **no later than 30 days after project completion.**	MM AES-01	Documentation of completed revegetation activities, including planting container stock or seeding.	**Not applicable to this NTPR.** This post-construction measure will be applied upon work completion.
Determination of a Biologically Equivalent or Superior Preservation Report	Annual monitoring and reporting conducted as required in the approved DBESP.	MM BIO-15	Annual Monitoring Report as required by Determination of a Biologically Equivalent or Superior Preservation	**Not applicable to this NTPR.** This annual report will be submitted as required.
Post-Construction Road and Sidewalk Condition Assessment	SCE shall restore damaged roadways and sidewalk (e.g., asphalt, curbs, and gutters) within 60 days after the completion of construction. Report is **submitted to CPUC upon completion.**	MM TRANS-07	Post-construction road and sidewalk condition assessment along 68th Street, Pats Ranch Road, Limonite Avenue, Wineville Avenue, Cantu-Galleano Ranch Road, and Etiwanda Avenue. The post-construction road and sidewalk condition assessment shall include photographs or a video recording along the construction route public roads within 500 feet in each direction of project access points and roadways where the road surface would be damaged by project-related trenching and digging.	**Not applicable to this NTPR.** This post-construction measure will be applied upon work completion.
Paleontological Mitigation Report	Paleontological Mitigation Report is prepared after construction is complete and is submitted to CPUC within 60 days of the close of construction for review and approval.	MM CUL-08 MM CUL-08A	The report will include: a description and maps of the Project area; descriptions of paleontologically sensitive or fossiliferous sediments in the Project vicinity; discussions of the methods used during monitoring and during fossil recovery; descriptions and illustrations of the stratigraphic section(s) exposed, fossils collected, including taxonomic data; photographs of the locations of recovered fossils; an assessment of the significance of the recovered fossils; complete contextual data from the fossil locality, including sedimentology and taphonomy; and a record of accession of the fossils to the selected repository, including specimen numbers.	**Not applicable to this NTPR.** This post-construction measure will be applied upon work completion.
Weed Inventory and Monitoring Report	Weed Inventory and Monitoring Report is prepared annually for 2 years after construction is complete and is submitted to CPUC.	MM BIO-09A	Annual surveying for new invasive weed populations and the monitoring of identified and treated populations.	**Not applicable to this NTPR.** This annual report will be submitted as required after construction.

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status

Notes:

[a] When not specified in the mitigation measure or EPE, reports are to be submitted to CPUC with sufficient time for review.

[b] Monthly Nesting Bird Reports are not required if work does not occur within the preliminary buffers during the month as specified in MM BIO-08.

[c] SWPPP coverage and reporting requirements typically begin with the start of construction and extend into the post-construction restoration period. SWPPP coverage ends when the project site is stabilized, disturbed areas reach a minimum of 70 percent vegetation coverage, and Notice of Terminations have been filed ending SWPPP coverage. SWPPP reports and other documents are submitted to the SWRCB via the SMARTS website, and can be downloaded by entering the project Wastewater Discharger Identification (WDID) Number located in the SWPPP.

* Requirements marked with an asterisk are only applicable under specified conditions.

Attachment 4

Traffic Management Plan Existing Conditions Report

Riverside Transmission Reliability Project

Existing Conditions Report

Traffic Management

Prepared for

Southern California Edison

March 7, 2025

Prepared by

CR ASSOCIATES
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Introduction

This existing conditions report describes the existing facilities and amenities within the Riverside Transmission Reliability Project (Project) and will be used for NTPR for Phase 1 of construction. SCE will provide an updated assessment report for the following phases. The Project is located in western Riverside County within the cities of Jurupa Valley and Riverside as shown in Figure 1. The Project also includes project elements in open space areas of unincorporated Riverside County, which is covered in the Recreation Management Existing Conditions Report. The Project consists of the construction, operation, and maintenance of a new approximately 10-mile double-circuit 230kV transmission line, new substations, and new subtransmission line segments. The key map for the project corridor is shown on Sheet 1 of the Traffic Management plan set.

The project would increase transmission capacity as well as provide an additional point of delivery for bulk power to the customers of the Riverside Public Utilities (RPU). SCE is proposing to construct the project with Riverside Public Utilities (RPU). RPU is generally responsible for the construction of project elements within the City of Riverside's jurisdiction, including the proposed 220/66 kV Wilderness Substation, certain interconnection and telecommunication facilities, and 66 kV subtransmission lines.

Figure 1 - Vicinity Map

The Project area includes several local and major transportation facilities that traverse the City of Jurupa Valley and Riverside County. The facilities are described below.

Methodology

A detailed field observation of the City's roadway network within the project areas was conducted to assess the current condition of roadway features. This evaluation included identifying the type, severity, and extent of cracks or distresses on the pavement, as well as the condition of sidewalks, curbs, gutters, curb ramps, and other concrete improvements. Additionally, the assessment covered existing landscaping, traffic signals, and other roadway features where accessible.

This document summarizes the observed conditions. Representative photographs of road sections were taken and the information was categorized by roadway segment. The condition of roadway features was rated on a scale from "excellent" (new construction) to "failed" (worst condition). Intermediate categories, including "good," "fair," and "poor," were also used to represent varying conditions of roadway features.

A library of all photos from the field observation conducted in August 2024 and Google Earth KMZ file approximately geolocating where all photos were taken is hyperlinked here (password: RTRPFIELD2024).

March 2025 supplemental field observation photos along Pats Ranch Road between Boca Place and Limonite Avenue were provided per CPUC request. The library of photos is hyperlinked here (password: RTRPFIELD2025).

Roadway Segments

Wineville Road

Wineville Road is classified as a Secondary Road per the Jurupa Valley 2017 General Plan. The segment of Wineville Road within the project limits has three signalized intersections, one at Cantu Galleano Ranch Road, one at Landon Drive/Redbud Lane and one at Bellegrave Avenue. The traffic signals at Cantu Galleano Ranch Road and Bellegrave Road have loop detectors. The traffic signal at Landon Drive/Redbud Lane has video detection. All bidirectional curb ramps at the intersection of Cantu Galleano Ranch Road and Bellegrave Ave are in good condition. At the intersection of Landon Drive/Redbud Lane, bidirectional curb ramps are present at all but the southwest corner.

Wineville Road from Nino way to Cantu Galleano Ranch Road is a 3-lane roadway with one lane running southbound and two lanes running northbound. The edge of pavement on the west side of the road has not treatments, no concrete curb or gutter or berm, the west side has a small section of berm near the intersection of Cantu Galleano. The west side of the road is undeveloped land. The east side of the road has curb and gutter and sidewalk. The east side is developed with several access points to industrial and commercial complexes. The pavement has recently been repaved and is in excellent condition. The sidewalk on the east side of the street is in good condition.

Figure 2 – Intersection of Wineville Road and Cantu Galleano Ranch Road, looking north

Wineville Road from Cantu Galleano Ranch Road to Landon Drive/Redbud Lane is a 4-lane roadway with 2 lanes for each direction, a striped median on the center and buffered bike lanes on both sides. The two northbound lanes and the outer southbound lane have new pavement. The rest of the pavement is in fair condition with minor alligator cracking. Newly constructed utility trench repairs by asphalt patching are visible on the roadway pavement. See Figure 3 for instances of utility trench repairs along Wineville Road. There is sidewalk on both sides. The east side has a landscape strip between the roadway and sidewalk and an equestrian trail. The sidewalk is in good condition.

Figure 3 - Utility trench repairs observed at the intersection of Wineville Road and Cantu Galleano Ranch Road, looking southeast

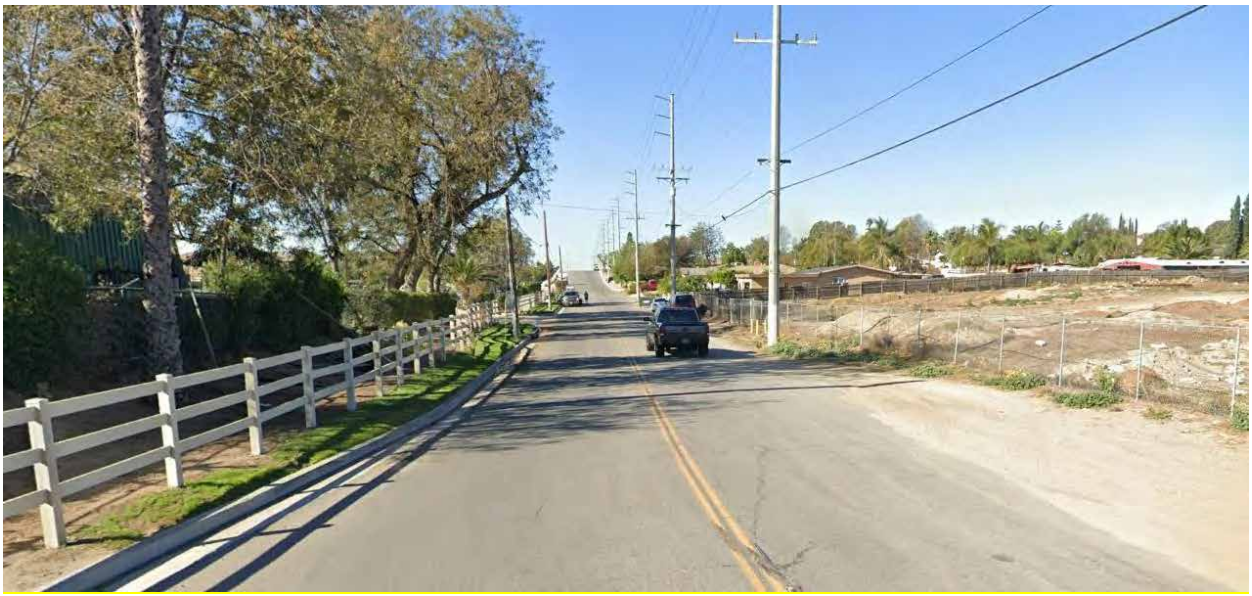

Figure 4 – Wineville Road from Cantu Galleano Ranch Road to Landon Drive/Redbud Lane, looking north

Wineville Road from Landon Drive/Redbud Lane to Bellegrave Avenue varies on the number of lanes, starting with two lanes in each direction. The two southbound lanes begin to merge into one after the intersection of Landon Drive/Redbud Lane. The roadway has bike lanes on both sides, the bike lane on the east side has a buffer. There is no sidewalk on the west side only a graded shoulder with no curb or gutter or berm. Sediment is present along the western edge of road over the existing asphalt pavement, possibly from development operations and/or outside shoulder use. The land on the west side is being developed, the existing conditions of this side might change as the development of the site progresses. The east side has curb and gutter, a landscape strip, sidewalk, and an equestrian trail. The roadway is in fair condition with alligator cracking. Potholes are present along this segment. An example of a pothole on Wineville Road is shown Figure 5. Newly constructed utility trench repairs by asphalt patching are visible on the roadway pavement. The sidewalk is in good condition.

Figure 5 - Pothole on Wineville Road between Landon Drive/Redbud Lane and Bellegrave Ave, looking east

Figure 6 - Wineville Road from Landon Drive/Redbud Lane to Bellegrave Avenue, looking south

Bellegrave Avenue

Bellegrave Avenue is classified as a Major Road per the Jurupa Valley 2017 General Plan. The segment within the project limits is from Wineville Road/Avenue to Pats Ranch Road. Bellegrave Avenue has two eastbound lanes and two westbound lanes that begin to merge into one west of Bellegrave Ave and Wineville Road/Avenue. The roadway has a striped median and left turn pockets. The north side of the road has no sidewalk or curb and gutter. The south side has curb and gutter, landscaped buffer, and a meandering sidewalk. The city park is on the south side of the street. The pavement is in fair condition, there is moderate alligator cracking.

Figure 7 – Intersection of Bellegrave Avenue and Pats Ranch Road, looking east

Pats Ranch Road

Pats Ranch Road is not classified in the Jurupa Valley 2017 General Plan. The segment of Pats Ranch Road within the project limits has four signalized intersections, at Limonite Avenue, Mall Entrance, at 65th Street and at 68th Street. The intersection at Limonite Avenue and at 68th Street have video detection. The intersections at the Mall Entrance and 6th street have loop detection.

Pats Ranch Road from Bellegrave Avenue to Skyview Event Center is a 2-lane road with a center median/left turn pocket. The beginning of Pats Ranch Road at Bellegrave Avenue has a gate that can be used to close this segment of the street. The east side of the street has curb and gutter and sidewalk. The road ends at a cul-de-sac, which is a gated entrance to the Skyview event center. The west side of the street has not curb or gutter nor sidewalk, the shoulder is striped for angled parking. The east side of the road has a pedestrian access to the city park. The west side of the road is agricultural fields/crop. The pavement is in fair condition with moderate alligator cracking. Newly constructed utility trench repairs by asphalt patching are visible on the roadway pavement. Pats Ranch Road begins again south of the cul-de-sac at Shearwater Drive.

Figure 8 – Pats Ranch Road between Bellegrave Avenue and Skyview Event Center, looking north towards the intersection of Pats Ranch Road and Bellegrave Ave

Pats Ranch Road from Shearwater Drive to Limonite Avenue is a 2-lane road with a paved shoulder and edge of road on the west side and curb and gutter, landscape strip and a meandering sidewalk on the east side. The west side of the road is agricultural fields/crop with a drainage ditch. The east side of the road is residential with multiple stop controlled intersections onto Pats Ranch Road. The pavement is in good condition with minor alligator cracking. The sidewalk is in excellent condition. In the August 2024 field visit, water and sewer utility construction along Pats Ranch Road was observed at intersections with residential developments, from Shearwater Drive south to Boca Place. Steel plates were in use on the road. In the supplemental March 2025 field visit, the utility construction was completed with the trenches backfilled and paved with asphalt, as shown in Figure 9 and Figure 10.

Figure 9 – Asphalt patch from previous utility work at the intersection of Pats Ranch Road and Boca Place, looking south (March 2025)

Figure 10 – Asphalt patch from previous utility work at the intersection of Pats Ranch Road and Limonite Avenue, looking southeast (March 2025)

Pats Ranch Road from Limonite Avenue to 65th Street is a 4-lane roadway with 2 lanes for each direction of travel. The segment has a raised medians and left turn pockets. The roadway has curb and gutter and sidewalk on both sides. The west side of the road is commercial and the east side residential. Northbound and southbound traffic is divided by a raised median from Limonite Avenue to Mall Entrance just south of Limonite Ave. The pavement is in bad condition with moderate to severe alligator cracking, and utility trench repairs.

Figure 11 - Pats Ranch Road between Limonite Road and 65th Street, looking south towards the intersection of Pats Ranch Road and Mall Entrance

Pats Ranch Road from 65th Street to 68th Street is a 4-lane roadway with 2 lanes for each direction of travel. The segment has a newly constructed median. The roadway has curb and gutter and sidewalk on both sides. The west side is a new home development. The pavement is in fair condition with moderate alligator cracking and utility trenches repair.

Figure 12 – Pats Ranch Road between 65th Street and 68th Street, looking north of the intersection of Pats Ranch Road and Ivory Street

68th Street

The Jurupa Valley 2017 General Plan classifies 68th Street as a Collector Road from Pats Ranch Road to Wineville Avenue. 68th Street from Wineville Avenue to Lucretia Avenue is not classified in the General Plan. 68th Street from Pats Ranch Road to Wineville Avenue is a 4-lane roadway with two lanes on each direction. The north side of the street has curb and gutter and sidewalk. The south side has curb and gutter, sidewalk and an equestrian trail. The pavement on the westbound lanes and striped center medians/turn lanes

have minor alligator cracking and weathering. The pavement on the eastbound lanes in in excellent condition. The segment has a school zone from Carnelian Street to Wineville Avenue.

Figure 13 – Intersection of 68th Street and Wineville Avenue, looking northeast

68th Street from Wineville Avenue to Dana Avenue is a 2-lane roadway with a lane on each direction. The south side of the street has curb and gutter, sidewalk, and equestrian trail. The north side has mountable curb and no sidewalk. The pavement is in good condition with minor allegator cracking and no utility trenching.

Figure 14 - 68th Street from Wineville Avenue to Dana Avenue between the intersections of 68th Street and Frank Ave and 68th Street and Smith Avenue, looking east

68th Street from Dana Avenue to Lucretia Avenue is a 2-lane roadway with a lane on each direction. The south side of the street has curb and gutter. The north side has curb or gutter and no sidewalk. The pavement is in good condition with minor allegator cracking and no utility trenching. The curb at the golf course entrance is damaged.

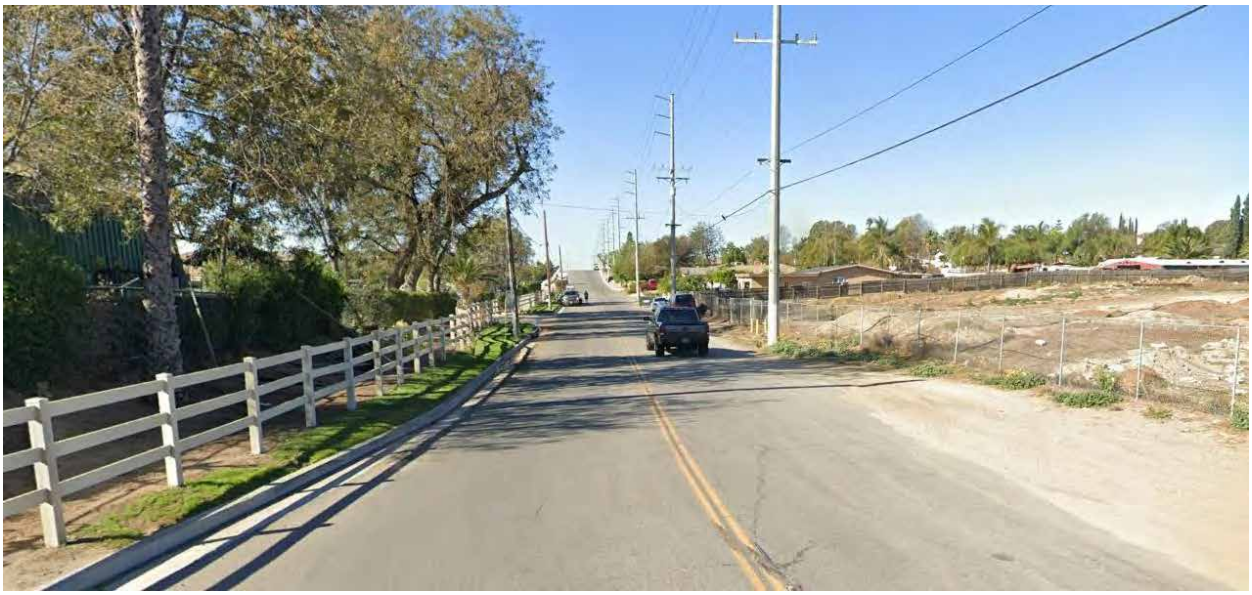

Figure 15 – Intersection of 68th Street and Lucretia Avenue, looking east

Attachment 5

Recreation Management Plan Existing Conditions Report

Riverside Transmission Reliability Project

Existing Conditions Report

Recreation Management

Prepared for

Southern California Edison

March 7, 2025

Prepared by

CR ASSOCIATES
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Appendices

Introduction

This existing conditions report describes and documents the existing trail facilities and amenities to ensure the Riverside Transmission Reliability Project (Project) will bring the recreational areas and facilities back to their original condition if impacted. This report will be used for NTPR for Phase 1 of construction. The Project area is located primarily in the Cities of Jurupa Valley and Riverside, with additional components under the jurisdiction of the County of Riverside. Figure 1 illustrates the project vicinity map and locations of proposed improvements. The public parks, recreation, and preservation facilities/areas are listed in Table 4.2-2 in Appendix A. The key map for the project corridor is shown on Sheet 1 of the Recreation Management plan set.

The project includes three major components:

- Installation of first underground 230 kV transmission line within the City of Jurupa Valley
- Installation of second underground 230 kV transmission line within the City of Jurupa Valley
- Installation of overhead 230 kV transmission line within the County of Riverside

Figure 1. Vicinity Map

The existing facilities within the Project include access roads, trails, bike lanes, surface parking and other amenities like viewpoints, and rest areas in the Hidden Valley Wildlife Area. The Hidden Valley Nature Center and Wildlife Area is located along the Santa Ana River, east of Norco and south of Jurupa Valley. It is about 1500 acres and has access to 25 miles of hiking and equestrian trails. Bicyclists also have the opportunity ride along the eight mile stretch of the Santa Ana River Trail. There are access roads interconnecting with the different trails for fire access and other maintenance.

Methodology

A detailed field observation of the existing recreational trail network that contractors would have access to during construction within the project area was conducted to obtain a feature assessment of the existing condition. Trails and facilities where access will not be required during construction and portions of the project outside of public right-of-way will not be discussed in this report.

The field observation identifies the type, severity, and extent of damage or distress on the existing pavement, sidewalk, curb and gutter, curb ramps and other existing improvements. This document serves as a summary of the conditions.

A library of all photos from the field observation conducted in August 2024 and Google Earth KMZ file approximately geolocating where all photos were taken is hyperlinked here (password: RTRPFIELD2024).

Access Roads

Two existing roads will be used for access during construction, which include Substation Road and Hidden Valley Nature Center.

Substation Road

Substation Road is an existing access road just west of Color Green Wholesale Nursery located at 11551 Arlington Avenue. Substation Road varies in width and provides access to Santa Ana River Trail. Substation Road splits to become Pedley Substation Road and Substation Road about 1500 feet north of Arlington Avenue. Pedley Substation Road is an 8-foot dirt road that runs northwest of the nursery while Substation Road is a 13-foot paved road ultimately providing access to the west end of the Santa Ana River Trail. There are three other access roads on the eastern side of the nursery and they vary in width from eight feet to sixteen feet.

Hidden Valley Nature Center

Hidden Valley Nature Center is a 20-foot-wide paved road located at 11401 Arlington Avenue and runs alongside the meandering Santa Ana River Trail until the access road ends at the Hidden Valley Nature Center parking lots and facilities. The road does not have any edge treatment or edge striping, and the road is striped with yellow center line. The pavement is in good condition. The end of the road is a one-way loop with angled parking on both sides. The posted speed limit on the road is 15 miles per hour. The road has crossings for pedestrians, bicyclists, and equestrians. The crossings are delineated and signed.

There are maintenance roads, varying in width, that connect back to Hidden Valley Nature Ctr. The roads are for fire access and/or maintenance of the existing utilities or facilities.

Figure 2. Hidden Valley Nature Center (west) next to Santa Ana River Trail and Chaparral Trail (east), looking north

Recreation Trails

There are three recreation trails that will be accessed during construction, which include the Santa Ana River Trail, Bowie Trail, and Chaparral Trail.

Bowie Trail

Bowie Trail is a 12-foot dirt trail that connects the western portion of the Santa Ana River Trail to the south entrance parking lot of Hidden Valley Nature Ctr, as shown in Figure 3.

Figure 3. Bowie Trail between Santa Ana River Trail and Hidden Valley Nature Ctr

Chaparral Trail

Chaparral Trail is a 12-foot-wide dirt trail. The alignment is shown in cyan in Figure 4. The trail starts at Hidden Valley Nature Center near Arlington Road and runs parallel with the Santa Ana River Trail to the Hidden Valley Viewpoint, the trail continues east to Jurupa Avenue.

Figure 4. Chaparral Trail between Arlington Ave and Jurupa Ave/Tyler St

Santa Ana River Trail

Santa Ana River Trail is a 12-foot-wide uncurbed path. The overall trail alignment is shown in Appendix B. The main alignment begins at Arlington Avenue and Hidden Valley Nature Ctr. The trail is an asphalt Class I shared use path with concrete pavement at the creek and wash crossings. It is separated from Hidden Valley Nature Center to the west by a dirt buffer lined with trees and vegetation. New planting is being established half a mile from the westerly Santa Ana River trailhead, as shown in Figure 5. Existing traffic and wayfinding signs are generally in good condition. The existing wood fence is aged but remains in fair to good condition. No broken or damaged sections of the fence were observed during the field investigation.

Figure 5. New planting being established along Santa Ana River Trail, looking north

The trail section is shown in. Santa Ana River Trail is between Hidden Valley Nature Center and Chaparral Trail. The trail features signs for steep slopes and grades, sharp turns, as well as yield to pedestrian and equestrian crossings as shown in Figure 6.

Figure 6. Santa Ana River Trail between Hidden Valley Nature Ctr (west) and Chaparral Trail (east), looking north

Santa Ana River Trail from Arlington Road to Jurupa Avenue

The south access is striped with a yellow centerline and wayfinding signs while restricting vehicle access with bollards, as shown in Figure 7.

Figure 7. Santa Ana River Trail Southern Access, looking south

The pavement from the southern access point to the trail intersection circle is in good condition with minor cracks in some areas due to subgrade settlement and debris from the adjacent recreational area, as shown in Figure 8. Additional photos are provided and linked in this report.

Figure 8. Pavement condition at the Southern Access to Santa Ana River Trail, looking south

From the trail intersection circle to the Hidden Valley Viewpoint, the pavement is in fair condition, with some pavement cracking and erosion along the edges of pavement, as shown in Figure 9.

Figure 9. Pavement condition along Santa Ana River Trail, looking north

Near the western parking lot, approximately 1900 feet from Arlington Avenue, the Santa Ana trail intersects Hidden Valley Nature Ctr, providing a crossing to access the parking lot and the segment of the trail that runs northwest as shown in Figure 10.

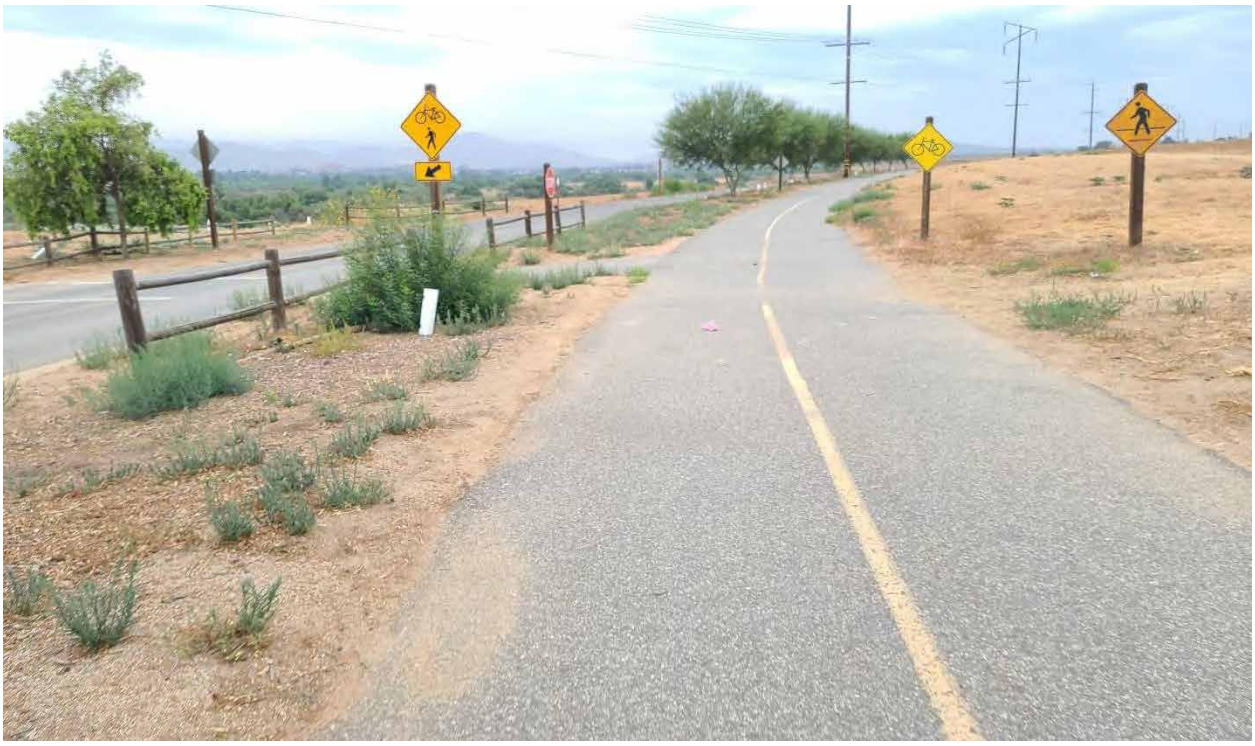

Figure 10. Crossing for western trail parking lot, looking northeast

Continuing east along the Santa Ana River trail, a pedestrian traffic circle is present on the trail approximately 900 feet northeast of the western trail parking lot, providing a crossing to access another trail further west.

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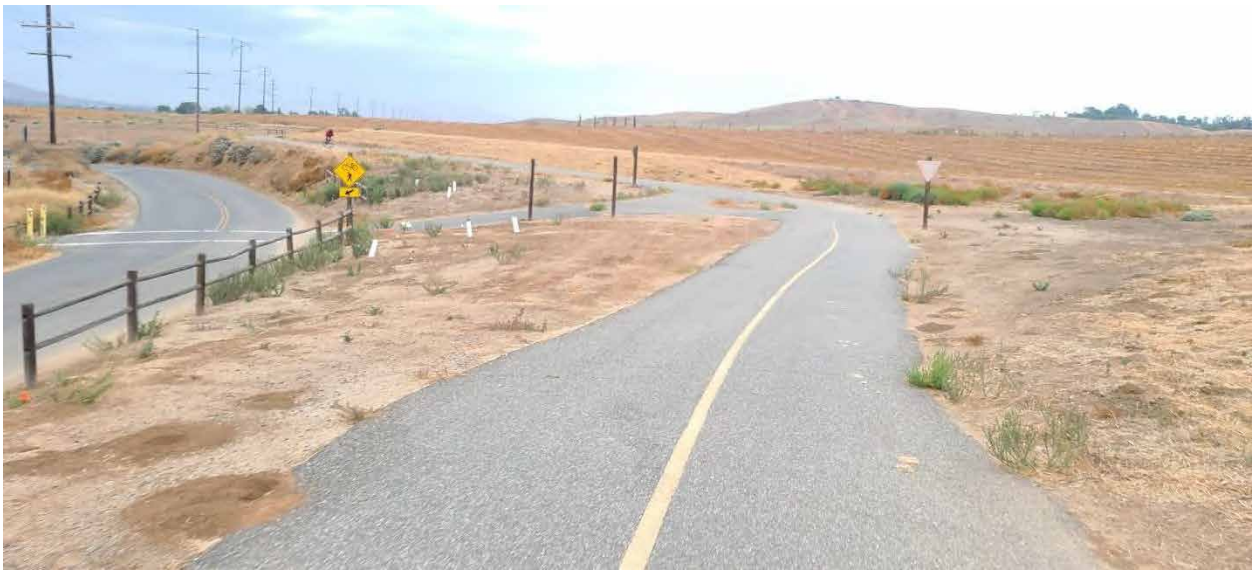

Figure 11. Pedestrian traffic circle on Santa Ana River Trail, looking northeast

The pavement condition of the trail remains fair to poor until reaching the Hidden Valley Viewpoint at approximately Latitude: 33°57'42.56"N, Longitude: 117°30'14.21"W. About 1100 feet of asphalt pavement was replaced and is in good condition. This segment includes white edge striping as well as striping for crossings. Sediment erosion is present due to the trail's proximity to existing water structures. An inlet structure is located about a tenth of a mile east of the Hidden Valley Viewpoint, the area is fenced with wooden posts.

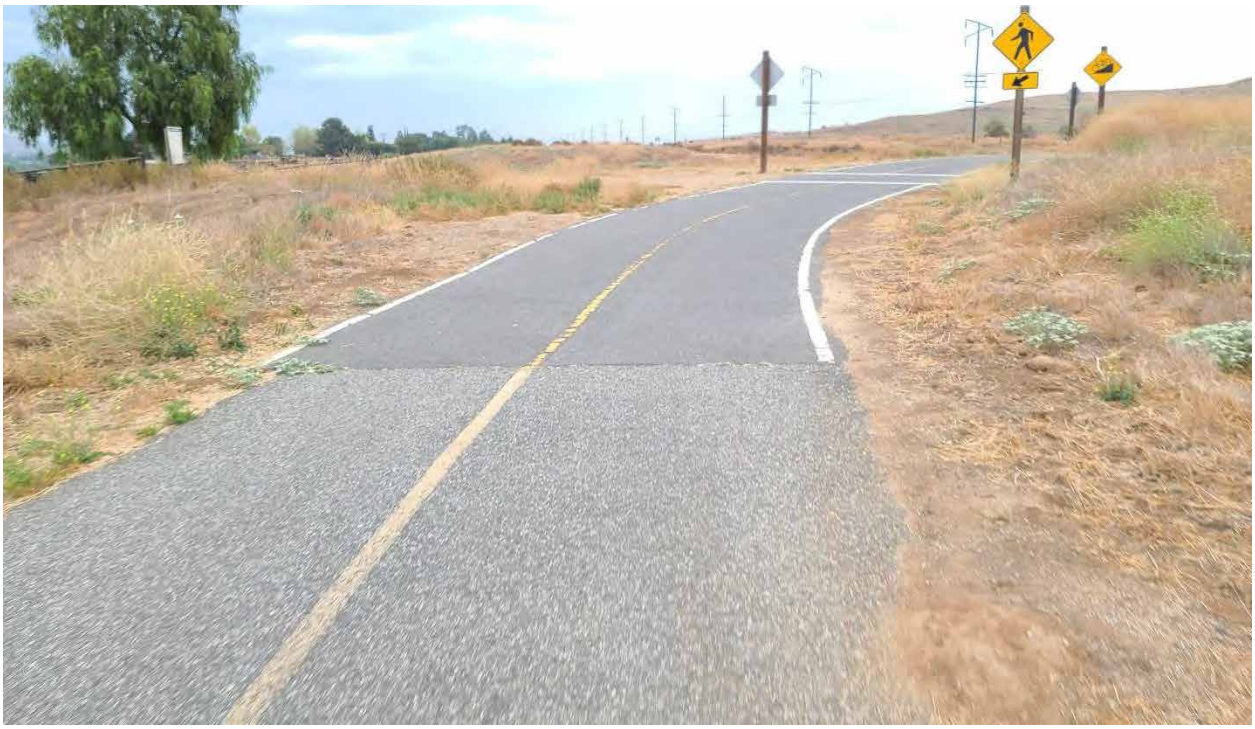

Figure 12. Pavement section changes east of Hidden Valley Viewpoint, looking northeast

The trail continues east to the Hidden Valley Nature Center facilities at approximately Latitude: 33°57'42.14"N, Longitude: 117°29'52.87"W where the pavement condition worsens with the presence of potholes and more cracking along the edges of the trail. Markings of the damage were observed during the site visit. Some potholes and damage have been patched.

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Figure 13. Repair patches along Santa Ana River Trail near the Hidden Valley Nature Center facilities, looking east

Near the Hidden Valley Nature Center facilities, the trail has crossings to the parking lots and buildings. About a tenth of a mile from the end of Hidden Valley Nature Center Road the trail has a 100-foot section of concrete that serves as a creek/wash crossing. A quarter of a mile east from the concrete creek/wash crossing there is a rest area, with trees, benches, and bike racks. The trail continues east to the access point at Jurupa Avenue. The pavement from the Hidden Valley Wildlife Area Nature Center to the Jurupa Avenue access point is in fair condition with minor cracking and debris collecting on the edge of the trail. Markings of the damage were observed during the site visit. Some potholes and cracks have been patched. Graffiti on the pavement is apparent near the trail entrance as shown in Figure 14.

Figure 14. Santa Ana River Trail from the Hidden Valley Wildlife Area Nature Center to Jurupa Avenue, looking northeast

Santa Ana River Trail from Jurupa Avenue to Van Buren Boulevard

The entrance at Jurupa Avenue is fenced, providing access through a set of yellow bollards. The entrance also has a gate to allow access to authorized vehicles. Existing gate, chain link fence and bollards are in good condition. The trail splits into two segments. The first segment was discussed in the previous section travels west. The second segment travels northeast to Van Buren Boulevard.

Figure 15. Santa Ana River Trail eastern access from Jurupa Ave/Tyler St, looking east

Continuing north on Santa Ana River Trail, there are signs of localized damage such as potholes and transverse cracking, as shown in Figure 16. The existing striping is faded and in poor condition.

Figure 16. Santa Ana River Trail north of Jurupa Avenue with potholes and damage, looking northeast

About 1800 feet northeast from Jurupa Avenue, there is a 200-foot concrete section. From the 200-foot concrete section to the intersection of Jurupa Avenue and Van Buren Boulevard the trail is delineated with

a yellow centerline. This section also has the pavement marking of the bike-helmet with an arrow. The trail pavement is generally in good condition as shown in Figure 17. The existing striping and pavement marking are faded and in poor condition. Alongside the southern side of this portion of the trail is chain-link fencing that is damaged in some areas, as shown in Figure 18. Another access point to the trail from the residential developments on Bradford Street is located at approximately Latitude: 33°57'37.00"N, Longitude: 117°27'58.39"W and is indicated by yellow bollards and a gate, as shown in Figure 19. The pavement at this access shows signs of cracking and potholes.

Figure 17. Santa Ana River Trail, looking southeast

Figure 18. Damaged Chain-link fencing next to Santa Ana River Trail, looking south

Figure 19. Eastern access to Santa Ana River Trail, looking south

Continuing south on Santa Ana River Trail, the trail is delineated with yellow centerline striping and white edge lines. The pavement and existing striping and pavement markings are in good condition, as shown in Figure 20.

Figure 20. Santa Ana River Trail traveling south towards Jurupa Ave, looking north

The trail co-aligns with Jurupa Avenue and is separated by white fencing on both sides of the trail. Overall, the pavement is in good condition with localized areas showing recent trenching repairs by asphalt patching. The trail crosses a driveway access at 7651 Jurupa Ave. The existing striping is in good condition.

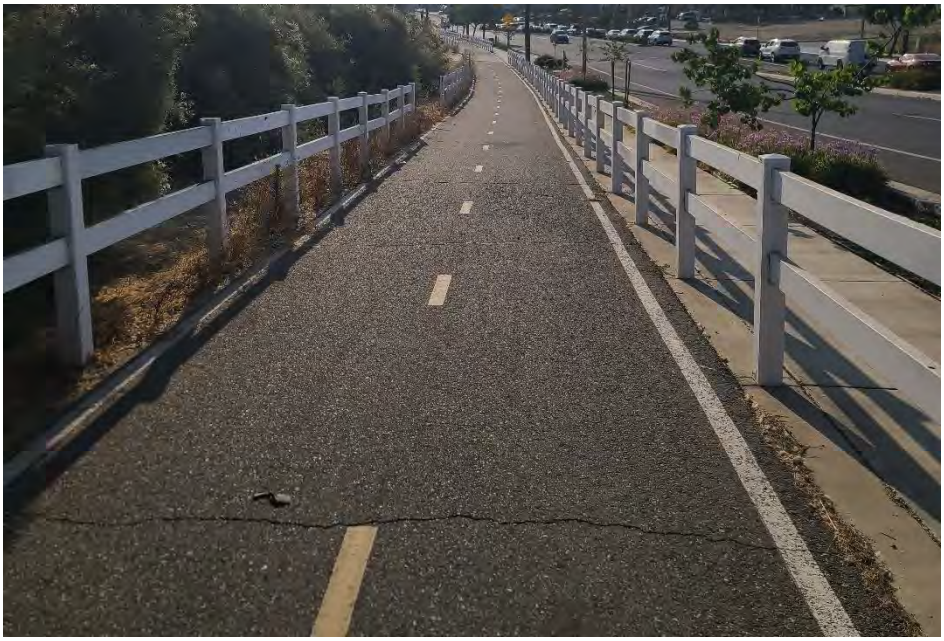


Figure 21. Santa Ana River Trail near the intersection of Jurupa Road and Van Buren Boulevard, looking east

Figure 22. Trench repairs and missing wood fence on Santa Ana River Trail near the intersection of Jurupa Ave & Van Buren Blvd, looking northwest

The trail section parallel to Van Buren Boulevard has faded pavement markings. The pavement is in fair condition with prior asphalt patching apparent. Debris is present from the edge of the road and commercial site development at 7651 Jurupa Avenue. The co-aligned trail becomes grade separated from Van Buren

Boulevard and access to the trail is indicated with yellow bollards and gate. The pavement north of this access is in fair condition. There is evidence of various asphalt patching repairs and pavement cracking.

Figure 23. Santa Ana River Trail next to Van Buren Boulevard, looking northwest

Figure 24. Santa Ana River Trail access next to Van Buren Boulevard, looking northwest

Figure 25. Various asphalt patching repairs, looking northwest

Figure 26. Asphalt cracking, patching repair and graffiti, looking southeast

Parking Access

The western entrance parking lot is located about one-third of a mile north of the intersection of Hidden Valley Nature Center and Arlington Avenue. The lot is fenced with wooden posts and is unpaved. The parking stalls are unmarked, but they have concrete wheel stoppers. There are a couple of seating areas with benches, tables, and trees, the areas are delineated with timber edging and surfaced with mulch. Existing improvements are generally in good condition.

Figure 27. Western parking lot access, looking west

The Hidden Valley Wildlife Area Nature Center Parking lot is located about a mile and a quarter north of the intersection of Hidden Valley Nature Center and Arlington Avenue. The lot is fenced with wooden posts, and it is unpaved. The parking stalls are unmarked, but they have concrete wheel stoppers. The parking has access points to other trails, viewpoints, and other amenities. Existing improvements and amenities are generally in good condition.

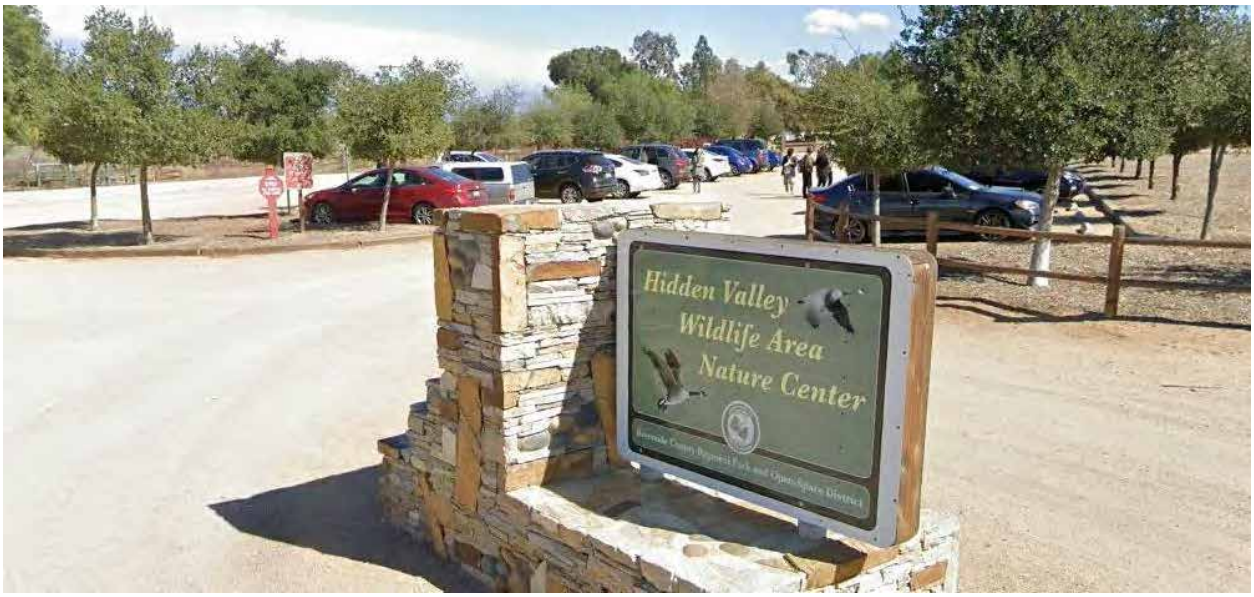


Figure 28. Hidden Valley Wildlife Area Nature Center parking lot, looking east

The paved Hidden Valley Nature Center Parking is located at the end of the road, it is a one-way loop with angled parking and accessible stalls, curbs, and sidewalks, the parking offers access to the Santa Ana River trail, the Chaparral trail, and a viewpoint east of the parking lot.

Figure 29. Eastern parking lot access at the Hidden Valley Wildlife Nature Center, looking northwest

Jurupa Avenue offers on-street parking, which provides eastern access to the Hidden Valley Wildlife Nature Center via the Santa Ana River trail and the Chaparral trail. Existing improvements are generally in good condition while existing striping and pavement markings are faded and in poor condition.

Hidden Valley Wildlife Area Nature Center

The Hidden Valley Wildlife Area Nature Center is located on the north side of the Project. The area is fenced with wooden posts. The area has a public parking lot, the area features a few trails that lead to lookouts, an amphitheater, the nature center, and other amenities like picnic areas, water fountains, horse corrals, and bathrooms. The area has restricted access roads to other buildings. On the eastern side of the property the Natural Resources Management Division headquarters and the ranger station are located, both buildings have parking lots and restricted access gates.

Appendix A – Parks, Recreation and Preservation Facilities within the Project Area

TABLE 4.2-2. PARKS, RECREATION, AND PRESERVATION FACILITIES/AREAS WITHIN THE PROJECT AREA

Existing Facility/Area	Type	Location	Amenities	Acreage	Jurisdiction
Hidden Valley Wildlife Area*	Regional Nature and Historic Center	11401 Arlington Avenue, Riverside	Open space, interpretive center, and hiking and equestrian trails	1,500	Riverside County Regional Park & Open-Space District*** Note: The California Department of Fish and Game owns a small portion of the river channel within the Hidden Valley Wildlife Area
Santa Ana River Wetlands Mitigation Bank**	---	---	---	---	Riverside County Regional Park & Open-Space District***
Public/Quasi-Public Lands***	---	---	Open space	---	Western Riverside County Regional Conservation Authority
Limonite Meadows Park	Community	6596 Pat's Ranch Road, Mira Loma	Playground, picnic tables	3.49	Jurupa Area Recreation and Park District
Horseshoe Lake Park	Community	8788 Lakeview Avenue, Riverside	Undeveloped	13.73	Jurupa Area Recreation and Park District
Rutland Park	Neighborhood	7000 Rutland Avenue, Riverside	Basketball half courts, sand lot volleyball courts, horseshoe pits, playground, picnic tables, barbeques, and covered picnic area	8.63	City of Riverside Park, Recreation & Community Services
Hole Lake Site	Special Use	---	Undeveloped (plans for trailhead/equestrian trailer parking lot)	61.0	City of Riverside Park, Recreation & Community Services
Savi Ranch	Special Use	---	Undeveloped	37.62	City of Riverside Park, Recreation & Community Services
River Trails Park	---	---	---	---	City of Norco Parks, Recreation & Community Services

*Land & Water Conservation Fund Grant Site (as of 3/30/2006).

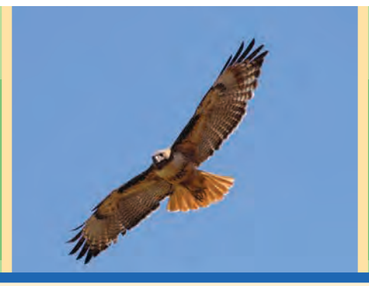
**A Mitigation Bank is an area with resource value, where the owner records a conservation easement on the property and sells mitigation credits prior to the execution of a mitigation banking agreement with the Wildlife Agencies. Mitigation areas are permanently conserved and managed for natural resource values. Mitigation areas are intended to protect resources in large, connected areas in advance of the need for mitigation and therefore are considered a valuable tool for assembling the MSHCP Conservation Area.

***The Riverside County Regional Park and Open Space District provides countywide or regional facilities that are generally large facilities and are designed to be used by residents of the entire region. County parks permit biking, hiking, equestrian use, and camping. There are no camping facilities at Hidden Valley Wildlife Area. Management of Hidden Valley Wildlife Area emphasizes wildlife habitat conservation and enhancement (the City of Riverside's Regional Water Quality Control Plant wetland ponds were established in this area). There are efforts underway to improve wildlife habitat value in the riparian areas by removing giant reed.

****A subset of MSHCP Conservation Area lands totaling approximately 347,000 acres of lands known to be in public/private ownership and expected to be managed for open space value and/or in a manner that contributes to the conservation of Covered Species (including lands contained in existing reserves).

Appendix B – Santa Ana River Trail Map






SANTA ANA RIVER TRAIL & PARKWAY

Trailhead
Picnic Area
Hiking
Water Fountain
Historic Site
Off-leash Dog Area
Trail Route
Parking
Bicycle Shop
Nature Viewing
Fishing
Camping
Santa Ana River
Restrooms
Restaurant/Store
Equestrian Trail
Mile Marker
Trail Access

0 0.5 1 2 Miles

PLACENTIA LN/CENTER ST
Ab Brown Sports Complex
GARNER RD
Reid Park
COLUMBIA AV
ORANGE ST
MAIN ST
MARKET ST
215
60
91
3RD ST
UNIVERSITY AV
14TH ST
KANSAS AV
CHICAGO AV
Fairmount Park
Carlson Dog Park
Mount Rubidoux Park
MISSION INN AV
White Park
PALM AV
PINE ST
TEQUESQUITE AV
Ryan Bonaminio Park (opening July 2013)
BROCKTON AV
RCC
OLIVEWOOD AV
GRAND AV
BANDINI AV
RUBIDOUX AV
MAGNOLIA AV
RIVERSIDE AV
VICTORIA AV
ALESSANDRO BL
CENTRAL AV
ARLINGTON AV
CALIFORNIA AV
STREETER AV
DEWEY AV
JURUPA AV
MOUNTAIN VIEW AV
Martha McLean/Anza Narrows Park
Nichols Park
Rancho Jurupa Regional Park
Louis Robidoux Nature Center
De Anza Crossing Historic Marker
De Anza Crossing Historic Marker
MORAGA AV
AV JUAN DIAZ
PERALTA PL
RIVERVIEW DR
RIVERVIEW DR
TILTON AVE
BRIGGS ST
MISSION BLVD
Jensen Alvarado Historic Ranch
LIMONITE AV
LIMONITE AV
VAN BUREN BLVD
CLAY ST
Santa Ana River Wildlife Area
Santa Ana River Wildlife Area
Hidden Valley Nature Center
Rutland Park
JURUPA AV
TYLER ST
CREST AV
VAN BUREN BL
ARLINGTON AV
LA SIERRA AV
N
MAP IS NOT TO SCALE

All City or County Parks shown have varying hours, regulations and fees may apply. State license required for fishing. Weekday users may experience some construction/detour changes to the route. This map is intended for general information only and is subject to change without notice. It is recommended that users call ahead for verification before visiting a particular site. For more information call the CIty of Riverside information and services line at 826-5311.

HISTORIC SITES

Jensen Alvarado Historic Ranch
4307 Briggs St., Jurupa Valley
Guided Tours of House • Museum
Farm Animals • Picnic Area
Hours and information: 951-369-6055
rivcoparks.org

De Anza Crossing Historic Markers
Jurupa Hills Country Club
6161 Moraga Ave., Jurupa Valley
Marker on golf course between clubhouse & first tee (open to the public)
Hours and information: 951-685-7214
jurupahills.net

Martha McLean/Anza Narrows Park
5759 Jurupa Ave., Riverside
Hours and information: 951-826-2000
riversideca.gov/park_rec

Mount Rubidoux Park
Mt. Rubidoux Dr. at Ninth St, Riverside
Peace Tower • Father Junipero Serra Cross (at summit)
Hours and information: 951-826-2000
riversideca.gov/park_rec

Mission Inn Hotel & Spa
3649 Mission Inn Ave., Riverside
Guided Tours • Museum
Museum Store • Restaurants
Hours and information: 951-788-9556
missioninnmuseum.com

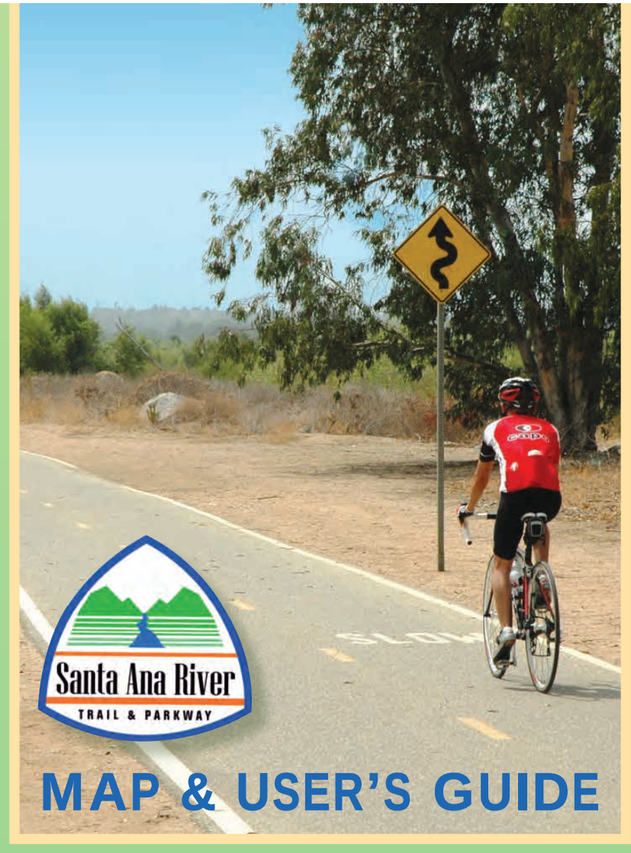
BICYCLE SHOPS

Check with the store for hours, services and merchandise availability

Bicycle Warehouse
6611 Arlington Ave. • 951-359-9015 • bicyclewarehouse.com

Pedals Bicycle Shop
3765 Jurupa Ave. Ste. L • 951-683-5343 • pedalsbikeshop.com

Southridge Cycling
9199 Jurupa Rd. • 951-361-0138 • southridgeusa.com



MAP & USER'S GUIDE

All City and County Parks listed have varying hours, regulations and fees may apply. State license required for fishing. Weekday users may experience some construction/detour changes on the route.

This map is intended for general information only and is subject to change without notice. It is recommended that users call ahead for verification before visiting a particular site. For more information call the City of Riverside at 951-826-5311 or the Riverside County Regional Park and Open-Space District at 951-955-4310.

PARKS

Carlson Dog Park
4700 Buena Vista Ave., Riverside
1.77 Acres
Off Leash Large/Small Dog Areas
Drinking Fountains
Hours and information: 951-826-2000
riversideca.gov/park_rec

Fairmount Park
2601 Fairmount Blvd., Riverside
209 Acres
Fishing • Pedal Boat Rental
Universal Playground
Restrooms/Water Fountains
Picnic areas/BBQs
Hours and information: 951-826-2000
riversideca.gov/park_rec

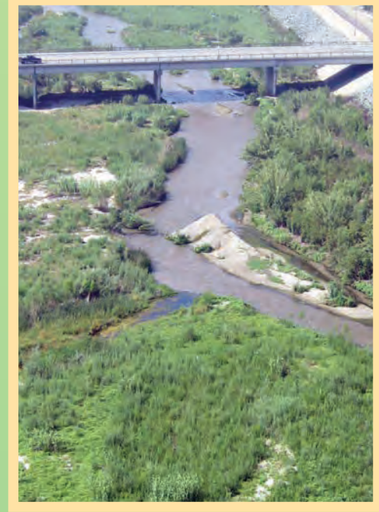
Hidden Valley Wildlife Area
11401 Arlington Ave., Riverside
(Nature Center about one mile along entrance road off Arlington Ave.)
1500 Acres
25 miles of Hiking & Equestrian Trails
Scenic Overlook • Birdwatching
Nature Education Programs
Hours and information: 951-785-7452
rivcoparks.org

Louis Robidoux Nature Center
5370 Riverview, Jurupa Valley
35 Acres
Hiking & Biking Trails
Nature Museum
Picnic Areas • Water Fountains
Open to the Public Saturdays
Hours and information: 951-683-4880
rivcoparks.org

Martha McLean/Anza Narrows Park
5759 Jurupa Ave., Riverside
40 Acres
Restrooms/Drinking Fountains
Scenic Overlook • Hiking Trails
Picnic Areas
Hours and information: 951-826-2000
riversideca.gov/park_rec

Mount Rubidoux Park
Mt. Rubidoux Dr. at Ninth St., Riverside
161 Acres
Scenic Overlook • Hiking Trails
Hours and information: 951-826-2000
riversideca.gov/park_rec

Nichols Park
5505 Dewey Ave., Riverside
14.75 Acres
Restrooms/Water Fountains
Picnic Areas/BBQs
Hours and information: 951-826-2000
riversideca.gov/park_rec



Rancho Jurupa Regional Park
4800 Crestmore Rd., Jurupa Valley
200 Acres
Camping • Fishing
Restrooms/Water Fountains
Convenience Store
Rock Climbing • Hiking Trails
Hours and information: 951-684-7032
rivcoparks.org

Reid Park
701 N. Orange St., Riverside
42 Acres
Picnic Areas/BBQs
Restrooms/Water Fountains
Hours and information: 951-826-2000
riversideca.gov/park_rec

Rutland Park
7000 Rutland Ave., Riverside
8.63 acres
Picnic Areas/BBQs • Water Fountains
Hours and information: 951-826-2000
riversideca.gov/park_rec

To report non-emergency crime/problems:
Riverside Police Department: 951-787-7911
Riverside County Sheriff: 951-955-2400
To report trail problems:
951-955-4310 or 951-826-5311

This map was developed to promote public awareness and encourage use of the Santa Ana River Trail and Parkway. It is a collaboration of the City of Riverside Public Works Department, Santa Ana River Trust, Inland Empire Waterkeepers and the Riverside Land Conservancy, with support from the Santa Ana Watershed Project Authority, the Riverside County Regional Park and Open-Space District, the Riverside Land Conservancy and the Community Foundation. For more information on these agencies please visit the websites below.

City of Arts & Innovation
RiversideCa.gov/pworks

SANTA ANA RIVER TRUST
SantaAnaRiverTrust.org

Inland Empire WATERKEEPER
IEWaterkeeper.org

SAWPA
Santa Ana Watershed Project Authority
sawpa.org

Riverside County Regional Park & Open-Space District
rivcoparks.org

Riverside Land Conservancy
SERVING SOUTHERN CALIFORNIA
RiversideLandConservancy.org

Attachment 2: MMCRP Appendix B: Final Environmental Protection Elements and Mitigation Measures

Table 1 Final Environmental Protection Elements and Mitigation Measures for Alternative 1

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
Aesthetics		
EPE AES-01: Transmission Lines: Use Nonreflective/Nonrefractive Transmission Structure. Lattice Steel Towers (LSTs) and Tubular Steel Poles (TSPs) with a dulled galvanized grey finish to minimize reflected light will be used.	• **Prior to Construction:** Obtain nonreflective/nonrefractive transmission structure • **During Construction:** Install nonreflective/nonrefractive transmission structure • **Following Construction:** N/A	230-kV Transmission Line
EPE AES-02: Transmission Lines and Substations: Use Nonreflective/Nonrefractive Insulators. Insulators that do not reflect or refract light will be used.	• **Prior to Construction:** Obtain nonreflective/nonrefractive insulators • **During Construction:** Install nonreflective/nonrefractive transmission insulators • **Following Construction:** N/A	230-kV Transmission Line. Wildlife & Wilderness Substations, Substation Upgrades
EPE AES-03: Transmission Lines: Use Nonreflective/Nonrefractive Conductors. Conductors that do not reflect or refract light will be used.	• **Prior to Construction:** Obtain nonreflective/nonrefractive conductors • **During Construction:** Install nonreflective/nonrefractive conductors • **Following Construction:** N/A	230-kV Transmission Line
EPE AES-04: Substations: Use Low-Reflectivity Structure & Equipment. Substation equipment and structures will have materials that minimize reflective light.	• **Prior to Construction:** N/A • **During Construction**: Equipment and structures used in the stations will have materials that minimize reflective light • **Following Construction**: N/A	Wildlife & Wilderness Substations, Substation Upgrades
EPE AES-05: Substations: Use Hooded, Nonreflective Exterior Light Fixtures/Standards. Exterior light fixtures/standards will be manufactured with hoods and made with nonreflective materials to direct light from spilling off-site as well as skywards while reducing potential effects of glare.	• **Prior to Construction:** Obtain hooded, nonreflective exterior light fixtures • **During Construction:** Use hooded, nonreflective exterior light fixtures and standards • **Following Construction:** N/A	Wildlife & Wilderness Substations. Substation Upgrades
EPE AES-06: Placement of Transmission Structures. Transmission structures will be located adjacent to or in proximity of existing electrical infrastructure.	• **Prior to Construction:** N/A • **During Construction:** Locate transmission lines adjacent to existing electrical infrastructure • **Following Construction:** N/A	230-kV Transmission Line, 69-kV Subtransmission Lines, Fiber Optic Telecommunications
EPE AES-07: Storage Area Vegetation. Rehabilitate pulling, tensioning, and construction storage areas to original contour and vegetative state.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** Return pulling, tensioning and construction storage areas to original state	230-kV Transmission Line, 69-kV Subtransmission Lines, Fiber Optic Telecommunications
EPE AES-08: Nighttime Construction Lighting. A Construction Safety Lighting Plan will be prepared and implemented and will include but not limited to: • Lighting shall be designed so exterior lighting is hooded, with lights directed downward or toward the area to be illuminated and so that backscatter to the nighttime sky is minimized. The design of the lighting shall be such that the luminescence or light sources are shielded to prevent light trespass outside the project boundary. • All lighting shall be of minimum necessary brightness consistent with OSHA requirements.	• **Prior to Construction:** Prepare Construction Safety Lighting Plan • **During Construction:** Implement Construction Safety Lighting Plan • **Following Construction:** N/A	230-kV Transmission Line, Wildlife Substation

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
EPE AES-09: Staging Areas. Staging areas will be kept organized, and litter and debris will be regularly removed on at least a weekly basis.	• **Prior to Construction:** Staging areas will be kept clean and organized • **During Construction:** Staging areas will be kept clean and organized • **Following Construction:** N/A	230-kV Transmission Line, 69-kV Subtransmission Lines, Wildlife & Wilderness Substations, Substation Upgrades, Fiber Optic Telecommunications
MM AES-01: Restore Construction Impacts to Vegetation. SCE shall conduct a pre-construction site assessment of all locations where Project construction activities have the potential to disturb existing vegetation, including native and landscaped vegetation. The pre-construction site assessment and proposed revegetation activities shall be documented in a Pre-Activity Study Report and shall include the following: • Description of work location, size, equipment, and methods required for project activities that may disturb vegetation • Map of work area location • Documentation of surrounding land uses • Photographs of the area to be disturbed • Documentation of vegetation types, species, and quantity to be removed • Proposed landscape revegetation plans • Records of communication with landowners indicating approval of revegetation plans The Pre-Activity Study Report shall be submitted to CPUC for review and approval no fewer than 30 days prior to the start of construction. When Project construction has been completed, all temporarily disturbed terrain will be restored, to the extent practical, to pre-construction conditions documented in the Pre-Activity Study Report while maintaining adequately safe work areas for operation and maintenance activities, as needed. Planting will be used, where appropriate (re-vegetation in certain areas is not possible due to vegetation management requirements related to fire safety) to re-establish a vegetated landscape and reduce potential visual contrast between disturbed areas and the surrounding landscape. Temporarily disturbed non-native vegetation shall be restored with native vegetation. Documentation of completed revegetation activities, including planting container stock or seeding, shall be submitted to the CPUC for final approval no later than 30 days after project completion.	• **Prior to Construction:** SCE completes pre-construction site assessment and submits a Pre-Activity Study Report to CPUC for review and approval no fewer than 30 days prior to the start of construction • **During Construction**: N/A • **Following Construction:** Restore impacts on vegetation and provide documentation of completed revegetation to CPUC for final approval within 30 days of project completion	All Project locations included in the CPCN where vegetation or landscaping has been disturbed by construction purposes
Agriculture and Forestry Resources		
EPE AGR-01: Minimize Impacts to Active Agricultural Operations. • Transmission structures would be located adjacent to existing electrical infrastructure to consolidate any potential obstructions to the movement of agricultural machinery • Access roads, spur roads, staging areas, and pulling/splicing sites would be located in areas that minimize impacts to agricultural operations • Removal of perennial crops would be minimized	• **Prior to Construction:** Minimize impacts to active agricultural operations • **During Construction:** Minimize impacts to active agricultural operations • **Following Construction:** N/A	Transmission Structures, Access Roads, Spur Roads, Staging Areas, Pulling/Splicing Sites
No MMS		
Air Quality		
EPE AQ-01: Comply with SCAQMD Requirements. The construction activities shall comply with the South Coast Air Quality Management District (SCAQMD) requirements, as applicable to the project.	• **Prior to Construction:** N/A • **During Construction:** Comply with SCAQMD requirements • **Following Construction:** N/A	Active construction areas
EPE AQ-02: Worker Environmental Awareness Program. A general Air Quality WEAP would be prepared. All construction crews and contractors would be required to participate in this WEAP training prior to starting work on the project. The air quality WEAP may be combined with the general WEAP for sensitive species as described under mitigation measure BIO-05.	• **Prior to Construction:** Prepare a WEAP. All construction personnel receive training prior to construction. • **During Construction:** All construction personnel receive training prior to entering active construction sites. • **Following Construction:** N/A	Active construction areas

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM AQ-01: Fugitive Dust Control Plan (Incorporates 2013 RTRP EIR MMs AQ-07 thru AQ-13 and AQ-18). Prior to start of the initial on-site construction, a draft Fugitive Dust Control Plan shall be prepared in compliance with SCAQMD Rule 403. Fugitive dust shall be controlled by the applicable best available control measures listed in Table 1 of Rule 403. A draft Fugitive Dust Control Plan shall be submitted to the CPUC for review and approval at least 30 days prior to the initiation of construction. Under SCAQMD Rule 403 – Fugitive Dust, the following provisions apply: • The project applicant shall submit a Rule 403 Large Operation Notification to the Executive Officer. • A sign shall be posted near the entrance of the facility with a responsible individual's name and phone number in case there are any fugitive dust control issues at the site. • Appoint a construction relations officer to act as a community liaison concerning on-site construction activity, including resolution of issues related to PM_{10} generation from combustion emissions and fugitive dust generation. • An on-site supervisor with a current fugitive dust control class certification shall be present who is available within 30 minutes to respond to any fugitive dust control issue at the site during normal business hours. • The operation shall keep on-site records of specific dust control actions taken. At a minimum, the Fugitive Dust Control Plan shall include the following control measures that must be implemented during construction: • Limit vehicle speeds to 15 mph on unpaved surfaces. • Track-out shall not extend 25 feet or more from an active operation and track-out shall be removed at the conclusion of each workday. The contractor shall use a gravel apron, 25 feet long by road width, or a pipe-grid track-out control device to reduce mud/dirt track-out from active operations and unpaved truck exit routes. • The construction contractor shall use street sweepers (using reclaimed water) that comply with SCAQMD Rules 1186 and 1186.1.[1] The street sweepers shall operate for the length of the truck route to and from unpaved construction areas including the marshalling yards and in between construction sites. • A wheel washing system shall be installed and used to remove bulk material from tires and vehicle undercarriages before vehicles exit the unpaved construction site. • Operations on unpaved surfaces shall be suspended when winds exceed 25 miles per hour. When wind speeds are high enough to result in dust emissions crossing the work boundary, despite the application of dust mitigation measures, grading and earthmoving operations shall be suspended. • Visible dust plumes shall not occur during periods when soil is being disturbed by equipment or by wind at any time. If dust plumes are visible or a dust complaint is lodged, dust control may be achieved by applying water before/during earthwork and onto unpaved traffic areas, phasing work to limit dust, and setting up wind fences to limit wind-blown dust. • *Exposed Surfaces* - Water or a stabilizing agent shall be applied to exposed surfaces, including graded and disturbed areas, at least three times daily, preferably in the mid-morning, afternoon, and after work is finished for the day. Dust control shall be applied in sufficient quantity to prevent generation of dust plumes. - Soil stabilization shall be conducted at construction sites after normal working hours, on weekends, and holidays. This requirement also applies to inactive construction areas such as phased projects where disturbed land is left unattended. Applying water to form a visible crust on the soil and restricting vehicle access are often effective for short-term stabilization of disturbed surface areas. Long-term methods include applying dust suppressants and establishing vegetative cover. Stabilization best management practices used for disturbed areas not supporting construction traffic or active work may also include vegetation, plastic covering, erosion control fabrics and matting, and the early application of a gravel base on areas to be paved. • *Stock Piles* - On-site soil stock piles shall be covered or watered at least twice per day. Water excavated soil piles hourly or cover with temporary coverings. All storage piles shall be covered overnight and during inactivity. • *Haul Trucks* – Moisten excavated soil prior to loading on haul trucks. Cover all loads of dirt leaving the site or leave at least two feet of freeboard capacity in haul truck to reduce fugitive dust emissions while in-route to disposal site.	• **Prior to Construction:** (1) SCE submits the draft Fugitive Dust Control Plan to CPUC for review and approval at least 30 days prior to construction, (2) submit a Rule 403 Large Operation Notification to SCAQMD with copy provided to CPUC for verification • **During Construction:** SCE implements the Fugitive Dust Control Plan • **Following Construction:** N/A	All Proposed Project locations

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM AQ-02: Exhaust Emissions Control (Incorporates 2013 RTRP EIR MMs AQ-01 thru AQ-06, AQ-15 thru AQ-17, and AQ-19). Exhaust emissions from worker vehicles, construction equipment, and vehicles shall be minimized by implementing the following control measures: • Use ultra-low sulfur diesel fuel (e.g., <15 ppm). • Use clean-burning on- and off-road diesel engines. Heavy-duty diesel-powered construction equipment manufactured after 1996 (with federally mandated "clean" diesel engines) shall be utilized. • SCE or its contractor shall develop a program and require construction workers to carpool to construction sites. • Restrict construction vehicle idling time to less than 5 minutes. • Properly maintain mechanical equipment. • Use particle traps and other appropriate controls to reduce diesel particulate matter. Other control equipment includes devices such as specialized catalytic converters (oxidation catalysts) control approximately 20 percent of diesel particulate matter, 40 percent of carbon monoxide, and 50 percent of hydrocarbon emissions. • Provide dedicated turn lanes for movement of construction trucks and equipment on- and off-site. • Define construction traffic routes to direct construction trucks away from congested streets or sensitive receptor areas. • During Project construction, all off-road diesel-powered construction equipment greater than 50 hp shall meet the Tier 4 emission standards. In addition, all construction equipment shall be outfitted with Best Available Control Technology (BACT) devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations (i.e., if Project construction goes beyond the anticipated schedule). - Alternatively, SCE or the contractor may be allowed to operate off-road equipment that does not meet Tier 4 emissions standards if SCE provides calculation evidence that use of the equipment will not cause an exceedance of SCAQMD significance thresholds. SCE must make a due diligence search to find and use equipment with the Tier 4 emissions standards or the highest emissions standards available. Circumstances where this may be applicable are limited to the following situations: (1) the equipment is specialty or unique and cannot be found with a Tier 4 engine (e.g., sag cat with three winches, PM_{10} street sweepers); (2) the equipment is not in use for more than 5 days total; and/or (3) the equipment is registered under CARB's Statewide Portable Equipment Registration Program. • A copy of each unit's certified tier specification, BACT documentation, CARB or SCAQMD operating permit, and Truck Regulation Upload, Compliance and Reporting System receipt shall be provided to the CPUC at the time of mobilization for each applicable unit of equipment.	• **Prior to Construction:** SCE shall submit calculation evidence to the CPUC for review at least 2 weeks prior to use of off-road equipment that does not meet Tier 4 emissions standards, as needed • **During Construction:** (1) SCE implements all exhaust emission control measures, (2) Provide copies of documentation proving that construction equipment and vehicles meet USEPA-Certified Tier 4 emissions standards, are outfitted with BACT devices, and comply with the Truck and Bus Regulation to the CPUC as equipment is mobilized • **Following Construction:** N/A	All Proposed Project locations
MM AQ-03: Overlap of Construction Activities (Incorporates 2013 RTRP EIR MM AQ-14). The final project construction schedule shall be coordinated to ensure that the Conductor Installation activity shall not occur simultaneously with the TSP Foundation Installation and TSP Erection activities. Furthermore, air pollutant emissions generated during construction of SCE project components shall be calculated with those from construction of the RPU components of the RTRP to determine which components can overlap without exceeding the peak daily SCAQMD significance thresholds. The final construction schedule and calculation evidence that the overlapping RTRP components do not exceed SCAQMD significance thresholds shall be provided to the CPUC at least 2 weeks prior to construction.	• **Prior to Construction:** SCE shall submit a final construction schedule to the CPUC for review at least two weeks prior to construction • **During Construction:** SCE shall provide schedule updates throughout the construction process to ensure compliance with this mitigation measure • **Following Construction:** N/A	All Proposed Project locations

[1] Certified Street Sweeper, June 1, 2016, http://www.aqmd.gov/docs/default-source/rule-book/support-documents/rule-1186/certified-street-sweepers-equipment-list.pdf?sfvrsn=2

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM AQ-04: Limitation of Daily Construction Vehicles and Equipment Use (MM for Alternatives). The following equipment limitations apply to the identified construction activities: • Vault Installation - No more than 38 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 20 worker vehicles, in any one day • Duct Bank Installation - No more than 30 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 20 worker vehicles, in any one day • Underground Cable Installation - No more than 7 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 10 worker vehicles, in any one day • Cable Terminating - No more than 5 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 8 worker vehicles, in any one day • Cable Splicing - No more than 8 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 16 worker vehicles, in any one day • Jack and Bore (trenchless) - No more than 12 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, in any one day	• **Prior to Construction:** SCE shall submit calculation evidence to the CPUC for review at least 2 weeks prior to construction • **During Construction:** Monitor the maximum number of vehicles and equipment used in any one day for five construction activities; Vault Installation, Duct Bank Installation, Underground Cable Installation, Cable Terminating, Cable Splicing, and Jack and Bore • **Following Construction:** N/A	Construction of Alternatives 1, 2, 3, and 4 in combination with the Proposed Project
Biological Resources		
MM BIO-01: Habitat Conservation and MSHCP Compliance (from 2013 RTRP EIR). The Project Proponent (RPU) shall pay the MSHCP fees in compliance with the MSHCP. Fees will be based on design footprint and confirmed by as-built data as available and applicable to confirm mitigation compliance and as negotiated with RCA for the public facility. The Proposed Project (responsibility of RPU and SCE) shall also comply with all other applicable MSHCP and SKRHCP requirements. The Proposed Project shall also implement the urban/wildlands interface requirements of the MSHCP for all areas adjacent to conservation areas.	• **Prior to Construction:** Engage the RCA to secure a consistency determination to obtain coverage for take under the MSHCP • **During Construction:** Comply with conditions and requirements of the MSHCP • **Following Construction:** Comply with conditions and requirements of the MSHCP	All Proposed Project locations
MM BIO-01A: Verification of MSHCP Compliance. SCE shall provide the CPUC with all documentation, studies, and plans submitted to the RCA by RPU (the MSHCP Permittee) as part of the permitting process to obtain coverage under the MSHCP. Such documentation shall include Development of a Biologically Equivalent or Superior Preservation Report for all riparian habitat impacts. Upon completion of the permitting process, SCE shall provide the CPUC with any conditions of approval or other requirements provided by the RCA. These conditions and requirements will be incorporated into the project Mitigation Monitoring, Compliance, and Reporting Plan.	• **Prior to Construction:** Provide CPUC with any documentation, studies, and plans submitted to the RCA • **During Construction:** Comply with conditions and requirements of the MSHCP • **Following Construction:** Comply with conditions and requirements of the MSHCP	All Project locations included in the CPCN.
MM BIO-02: Avian Protection on Power Lines (from 2013 RTRP EIR). All transmission structures (TSPs and LSTs) would be designed to be avian-safe in accordance with "Suggested Practices for Raptor Protection on Power Lines: the State of the Art in 2006" (Avian Power Line Interaction Committee, 2006). This will include, but is not limited to, the following: • Conductors will be spaced to an acceptable distance of raptors such as red-tailed hawk and golden eagle to avoid potential electrocution risk; • Bus bars or other points of electrocution shall be covered with non-conductive caps; • Aerial span of the Santa Ana River will be marked with best available UV reflectors (bird diverters) every 100 feet and staggered along the conductors; and • Nest deterrents will be implemented. The Proposed Project shall implement APLIC guidelines (current guidelines as of 2011). Designs for APLIC compliance will be reviewed and approved by SCE, RPU and the Project Biologist (69-kV section will not include SCE approval).	• **Prior to Construction:** Design structures to be compliant with guidelines • **During Construction:** Construct project elements according to design • **Following Construction:** N/A	All TSPs and LSTs erected as part of Proposed Project

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM BIO-03: Preconstruction Surveys for Sensitive Species and MSHCP Compliance (from 2013 RTRP EIR) • *Western burrowing owl (BUOW)*: 1) Conduct focused surveys to determine active or potential nest sites during the breeding season prior to initiation of field construction disturbance. Use observed active burrow location data to schedule construction activity in the area of the active burrows to occur between September 1 and February 1. Adjust pole location or potential access roads to avoid active burrows. 2) Conduct pre-construction surveys for BUOW between 14 and 30 days prior to field construction disturbance. Owls located during the pre-construction survey shall be reported to the RCA. 3) Avoidance and minimization measures, including installation of fencing and/or screening appropriate to clearly mark work restriction limits and, as practical, screening line of sight to active, occupied burrows, shall be installed and also reported to the RCA. Avoidance and minimization of indirect impacts to BUOW will be in accordance with the CDFW Staff Report on Burrowing Owl Mitigation, dated March 7, 2012. A biological monitor shall also be placed where avoidance and minimization measure have been installed to monitor owl activity and to ensure barriers are suitable in accordance with MM BIO-06. • *Narrow endemic plants*: For the MSHCP narrow endemic plant species determined to have the potential to occur but not detected during design surveys, conduct preconstruction sensitive plant surveys within suitable habitat within the ROW and Work Limits during the Spring bloom season within one year prior to construction. If sensitive plant species are encountered and cannot be avoided then seed will be salvaged. Salvaged seed will be stored and used for restoration of temporarily disturbed suitable soils and site conditions. • *Bats:* Conduct sensitive bat species (western mastiff bat and western yellow bat) roost emergence surveys at appropriate times of the year (year-round survey is satisfactory) in areas of suitable roost habitat that has the potential to be affected by construction. Active roost would be avoided until the roost is determined to be no longer active (as determined by the Project biologist). Western mastiff bat roost sites are associated with rock faces and possibly taller buildings; no suitable roost habitat is identified within the Project work limits. Western yellow bat roost sites are associated with palm tree and the lower hanging palm tree skirt; palm trees are within or adjacent to the Project work limits. Palm trimming or removal would occur after preconstruction survey and to extent possible between August 1 and December 30 to avoid potential breeding or lower winter time activity window). If active roost is unavoidable, RPU and SCE would consult with RCA and CDFW and implement their recommendations. • All surveys would be conducted by qualified biologists approved by USFWS, CDFW, and RCA. If any listed or sensitive species are detected during pre-construction surveys, final structure locations, access and spur roads, and associated temporary ground disturbance areas would be adjusted or completely relocated to avoid direct impacts to these species or their habitat or as allowed by the MSHCP and State and federal permits.	• **Prior to Construction:** 1) Conduct required surveys; 2) Monitor owl activity; 3) Consult with RCA and CDFW if needed; 4) Adjust or relocate final structure locations, access and spur roads, and associated temporary ground disturbance areas to avoid direct impacts to sensitive species if needed • **During Construction:** N/A • **Following Construction:** N/A	All structure locations, access and spur roads, and associated temporary ground disturbance areas
MM BIO-04: Nocturnal Lighting Minimization and Prevention (from 2013 RTRP EIR). Nocturnal lighting during construction and normal operation would be minimized at the substation sites by using directional lighting (shielded and positioned downward) to minimize indirect impact by stray light on the surrounding habitat. All external building or permanent structure lighting (except FAA warning lights) shall be shielded and light canopy contained to the facility substation footprint. Minimize stray and extraneous lighting. Lighting plans will be reviewed and approved by the Project Biologist and RPU prior to construction, and any further recommendations from the Project Biologist regarding lighting shall be implemented.	• **Prior to Construction:** N/A • **During Construction:** Implement measures to minimize and prevent nocturnal lighting • **Following Construction:** N/A	All project areas that require the use of nocturnal lighting
MM BIO-05: Worker Environmental Awareness Program (WEAP) Design and Implementation (from 2013 RTRP EIR). A WEAP shall be prepared. Field construction project personnel including construction management, construction crews and contractors shall be required to participate in WEAP training prior to starting work on the project. WEAP will be presented as a PowerPoint presentation or through a manual or handbook. Include discussion of sensitive species, habitat, water quality protection, hazardous material spill prevention and cleanup, and minimizing impact to wildlife and adjacent vegetation. The Project Biologist will determine any exemption from the training requirement (i.e., vendors, subcontractor truck drivers, delivery drivers).	• **Prior to Construction:** 1) Prepare a WEAP; 2) Construction personnel receive WEAP prior to starting work on the project • **During Construction:** Construction personnel receive WEAP prior to starting work on the project • **Following Construction:** N/A	N/A
MM BIO-06: Environmental Compliance Monitoring During Construction (from 2013 RTRP EIR). Environmental Compliance Monitors would be present during construction activity with the potential to affect biological sensitive resources, and periodically during other construction activity. Monitoring will be required for vegetation clearing and when construction occurs in the vicinity of sensitive biological resources. Monitoring will be conducted periodically as determined by the Project Biologist during remaining project construction to confirm work limits are maintained and protected resources are avoided.	• **Prior to Construction:** N/A • **During Construction:** Environmental Compliance Monitors monitor construction activities • **Following Construction:** N/A	All project areas where biological sensitive resources occur or have the potential to occur
MM BIO-07: Minimize Amount of Vegetation Removal and Permanent Loss of Habitat (from 2013 RTRP EIR). Vegetation clearing or removal would be restricted to surveyed and approved limits of the ROW, Substation footprint, Access Roads, and Staging Areas. Vegetation removal would be limited in sensitive habitats (the intent is to disturb less than the approved project work limits). The contractor would use overland access that crushes vegetation to maintain root structure and enable resprouting and faster restoration, use existing roads or jeep trails, and minimizes disturbance of new areas and removal of mature tree, cactus or woody shrub vegetation. Prior to clearing, conduct topsoil salvage evaluation to determine if soil is suitable for salvage, in which case it would be used for restoration on-site, by being generally free of non-native weed species, trash, or other contaminants that would limit usefulness during restoration and revegetation. Topsoil found not suitable for salvage will not need to be segregated from subsoils.	• **Prior to Construction:** N/A • **During Construction:** Restrict vegetation removal to surveyed and approved limited areas • **Following Construction**: N/A	All project areas where vegetation removal is required

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM BIO-08: Migratory Bird Treaty Act Compliance: Avoidance of Active Nests (from 2013 RTRP EIR). • All observed active nests detected during pre-construction surveys would be avoided in compliance with the Migratory Bird Treaty Act (this excludes European starling, house sparrow, rock pigeon), unless approval is obtained from the USFWS. • All surveys would be conducted by qualified biologists approved, as applicable, by USFWS, CDFW, and RCA. • Raptors: Conduct raptor nest surveys beginning in the middle of January within six months prior to construction to determine presence of active raptor nests within 500 feet of the work limits, laydown yard, or other active Project locations where work may disturb an active nest. Establish work restriction areas for active nests. Coordinate with CDFW for potential to deter nesting (e.g., temporarily cover stick nest). • From February 15 through August 15, conduct pre-construction nest surveys no more than two to three days prior to vegetation clearing or ground disturbance in order to identify active nests and avoid direct or indirect impact in accordance with MBTA. Timing would be dependent on nesting conditions and proposed construction activity. If active nests are unavoidable, RPU and SCE would consult with the appropriate agencies (USFWS and CDFW) and implement their recommendations. Unless otherwise approved by the regulatory agencies, work will be restricted within 500 feet (line of sight) for raptors or sensitive species and 100 feet for other passerines. Work will be restricted around any observed active nest of a bird covered by the MBTA until the Project Biologist determines the nest has naturally failed, been lost to predation, or chicks are fledged and satisfactorily independent of nest or roost tree. Work restriction limit will be reviewed by the Project Biologist with the ability to stop work to avoid impact to active nest. Nest is identified as active during incubation through fledging when chicks are independent of nest or nest tree in respect to raptors. Nests observed in areas of active construction would be avoided and monitored per the Project Biologist and in consultation with CDFW or USFWS.	• **Prior to Construction:** Conduct preconstruction nest surveys during February 15 through August 15 no more than two to three days prior to vegetation clearing and ground disturbance • **During Construction:** Avoid observed active nests • **Following Construction:** N/A	All project areas where active nests are detected
MM BIO-09: Invasive Species Management (from 2013 RTRP EIR). The project biologist would prepare measures to avoid or minimize the introduction of invasive plant, invertebrate, and vertebrate species into the project area during construction activities. Construction equipment being brought to the Project limits will be free of accumulated mud and debris. Equipment will be washed prior to project delivery to remove dirt from tracks, body, and attachments. Equipment with accumulated mud or debris will not be allowed to work within the project right-of-way until it is sufficiently clean (cleaning can be completed in a wash station at the laydown yard or offsite at another location not associated with the Project). Areas disturbed by construction will be maintained to control non-native invasive weed species and areas not designed to be bare for fire safety or have other soil stabilization (e.g., gravel, asphalt) will be revegetated and established to be less than 10-percent coverage by non-native weed species (goal will be to establish native cover equal or exceeding adjacent habitat) or have coverage of density and diversity equal to or exceeding 70 percent of adjacent native habitat. (It is expected that adjacent habitat may include non-native grassland. In these areas, the goal will be to establish cover consistent with adjacent areas, with an equal to or less than cover and density as found adjacent).	• **Prior to Construction:** Ensure all equipment and materials used in project construction are weed-free and free of eggs or adults of invasive species • **During Construction**: Maintain all equipment and project areas free of weeds and invasive pest species • **Following Construction:** Monitor disturbed areas to ensure that invasive weeds do not establish themselves	All Proposed Project locations

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM BIO-09A: Weed Control Plan. To support invasive species management, SCE shall prepare and implement a comprehensive Weed Control Plan for invasive, non-native species abatement. Developed land shall be excluded from weed control. The Weed Control Plan shall include specific weed abatement methods, practices, and treatment timing developed specifically for the Project area by qualified individuals with at least 5 years of weed control experience within Riverside, Los Angeles, and San Bernardino Counties. The Weed Control Plan shall address control methods and issues controlling invasive non-native species within all vegetation communities and land cover types found along the Project alignment in consultation with the Riverside County Agricultural Commissioner's Office and the California Invasive Plant Council (Cal-IPC). The Weed Control Plan shall be submitted to the CPUC for review and approval at least 30 days prior to construction. The Weed Control Plan shall include the following: • A pre-construction weed inventory shall be conducted by surveying Project work areas and areas immediately adjacent to Project work areas for weed populations that are (1) considered by the Riverside County Agricultural Commissioner, the City of Riverside, or the City of Jurupa Valley as being a priority for control, and (2) weed populations that are rated High or Moderate for negative ecological impact in the California Invasive Plant Inventory (online) Database (Cal-IPC 2006 [and 2007 update]; http://www.cal-ipc.org/ip/inventory/index.php). These populations shall be mapped and described according to density and area covered. These plant species shall be treated prior to construction or at a time when treatments would be most effective based on phenology according to control methods and practices for invasive weed populations included in the Weed Control Plan designed in consultation with the Riverside County Agricultural Commissioner's Office and Cal-IPC, as appropriate. • Weed control treatments shall include all legally permitted methods to be used in the following prioritized order: preventative, manual, mechanical, and chemical. The application of herbicides shall be in compliance with all state and federal laws and regulations under the prescription of a Pest Control Advisor (PCA) and implemented by a Licensed Qualified Applicator. Where manual and/or mechanical methods are used, disposal of the plant debris shall be within an approved landfill area within Riverside County. The timing of the weed control treatment shall be determined for each plant species in consultation with the PCA for the project, with the goal of controlling populations before they start producing seeds. • From the time construction begins until 2 years after construction is complete, annual surveying for new invasive weed populations and the monitoring of identified and treated populations shall be required in the survey areas described above. The treatment of weeds shall occur on a minimum annual basis during this timeframe or until appropriate vegetative cover consistent with adjacent areas has been established. • During project construction and operation/maintenance, all seeds and straw materials shall be certified weed free, and all gravel and fill material shall also be certified weed free by the Riverside County Agricultural Commissioner's Office.	• **Prior to Construction:** SCE submits the Weed Control Plan to CPUC for review and approval at least 30 days prior to construction • **During Construction:** (1) SCE treats all weeds in accordance with the approved Weed Control Plan, (2) SCE prepares an annual weed inventory and monitoring report for submittal to CPUC • **Following Construction:** (1) SCE submits annual monitoring reports for 2 years after construction is complete, (2) SCE continues to treat all weeds in accordance with the approved Weed Control Plan, as necessary	All Project locations included in the CPCN.
MM BIO-10: Avoid Impacts to Federal and State Jurisdictional Wetlands (from 2013 RTRP EIR). Construction crews would not fill or dredge streambeds and banks of streams or delineated wetlands (jurisdictional, vernal pool, or otherwise regulated) along the route. If it is determined during final design of the Project that impacts to wetlands or riparian habitat may occur, a habitat assessment and, if necessary, a formal wetland delineation, will be conducted. If it is determined that impacts to wetlands and/or jurisdictional waters cannot be avoided, authorization from the U.S. Army Corps of Engineers, California Department of Fish and Wildlife (CDFW), and/or Regional Water Quality Control Board will be obtained after appropriate environmental review. A Lake or Streambed Alteration Agreement if applicable would be secured from CDFW. All permit conditions will be followed to ensure that impacts remain less than significant.	• **Prior to Construction:** 1) Conduct formal wetland delineation if needed; 2) Obtain necessary permits • **During Construction:** 1) Follow permit conditions; 2) Avoid impacts to federal and state jurisdictional wetlands • **Following Construction:** N/A	All project areas where federal and state jurisdictional wetlands occur
MM BIO-11: Refueling – Streambed Protection (from 2013 RTRP EIR). Avoid the fueling of equipment adjacent to drainages, tributaries, or wetlands and associated plant communities to preclude water quality impacts. Associated plant communities should be designated on construction maps and will be situated a minimum distance of 10 meters from drainages, wetlands and storm drain inlets. Contractor equipment shall be checked for leaks prior to operation near riparian areas in coordination with the project biologist.	• **Prior to Construction:** N/A • **During Construction:** Avoid the fueling of equipment adjacent to drainages, tributaries, or wetlands and associated plant communities • **Following Construction:** N/A	All project areas where refueling occurs
MM BIO-12: Wildlife Protection (from 2013 RTRP EIR). Excavations deeper than 0.3 m (1.0 ft) will be covered overnight to minimize the potential for vertebrates becoming trapped. Prior to backfilling, excavations will be inspected and observed; trapped wildlife species will be safely removed and released in an adjacent non-construction area.	• **Prior to Construction**: N/A • **During Construction:** 1) Cover excavations deeper than 0.3 m (1.0 ft); 2) Inspect excavations for wildlife species before backfilling • **Following Construction:** N/A	All project areas where excavations occur
MM BIO-13: MSHCP – Public / Quasi-Public (PQP) Land Conservation (from 2013 RTRP EIR). RPU would replace permanent footprint impacts to identified MSHCP PQP Conserved Lands at a ratio of 1:1. Replacement land would be of suitable habitat value to provide a wildlife resource for foraging or breeding. Land would not be required to support or have the potential to support a sensitive plant or animal species. As approved by RCA and responsible Regulatory Agencies, lands purchased for replacement of Land and Water Conservation Fund land conversion may also be used as the PQP replacement lands.	• **Prior to Construction:** Applicant pays fee levied and provides payment confirmation • **During Construction:** N/A • **Following Construction:** N/A	N/A

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM BIO-14: Delhi Sands Flower Loving Fly Surveys and Mitigation. SCE shall conduct Delhi sands flower loving fly (DSFLF) surveys in accordance with USFWS *Interim General Survey Guidelines for the Delhi Sands Flower-Loving Fly* (USFWS,1996) within 12 months prior to construction within DSFLF suitable habitat. If the DSFLF habitat within the project site is determined to be occupied, 75 percent of the mapped Delhi Soils on site will be conserved. If it is determined that 75 percent conservation on the occupied site is infeasible or USFWS concurs that such conservation would not contribute to the long-term conservation of the species, conservation may occur within the conservation areas identified in Objective 1A at a ratio of three times (3:1) the mapped Delhi soils or, subject to USFWS concurrence, the habitat of the species as identified by survey biologist on the identified occupied site.	• **Prior to Construction:** Conduct DSFLF survey within 12 months prior to construction. If habitat is occupied, preserve soils on site or conduct off-site mitigation. • **During Construction:** N/A • **Following Construction:** N/A	Within DSFLF mapped suitable habitat
MM BIO-15: Determination of a Biologically Equivalent or Superior Preservation. SCE shall prepare a Determination of a Biologically Equivalent or Superior Preservation (DBESP) at least 90 days prior to construction within riparian habitat areas. The Determination of Biologically Equivalent or Superior Preservation will include quantification of unavoidable impacts to riparian/riverine areas associated with the project, including direct and indirect effects; a written description of project design features and mitigation measures that reduce indirect effects, such as edge treatments, landscaping, elevation difference, minimization and/or compensation through restoration or enhancement; and a finding demonstrating that although the Proposed Project would not avoid impacts, with proposed design and compensation measures, the project would be biologically equivalent or superior to that which would occur under an avoidance alternative without these measures. In addition, prior to approval of Biologically Equivalent or Superior Preservation Determinations, the Wildlife Agencies will be notified and be provided a 60-day review and response period.	• **Prior to Construction**: SCE submits the DBESP to agencies at least 90 days prior to construction in riparian areas; documentation of a DBESP approval must be received prior to impacts in riparian areas • **During Construction:** SCE implements the measures in the DBESP • **Following Construction:** SCE conducts annual monitoring and reporting as required in the approved DBESP	Temporary and permanent impacts on riparian habitat
Cultural, Tribal Cultural, and Paleontological Resources		
EPE CUL-01: Avoid or Minimize Impacts to Significant Cultural Resources. Ground disturbance or other impacts to each identified cultural resource would be avoided or minimized, unless the resource has been determined to be ineligible for the National Register of Historic Places (NRHP) and/or the California Register of Historical Resources (CRHR). Avoidance measures could include project redesign, flagging of site boundaries during construction, use of buffer zones, and construction monitoring.	• **Prior to Construction:** N/A • **During Construction:** Avoid or minimize ground disturbance to identified cultural resource, unless resource has been determined to be ineligible for the NRHP and/or CRHR • **Following Construction:** N/A	Active construction areas
EPE CUL-02: Establish and Maintain a Protective Buffer Zone Around Each Recorded Cultural Resource Within or Immediately Adjacent to the ROW or Access and Spur Roads. A protective buffer zone would be established around each recorded archaeological site and treated as an "environmentally sensitive area" within which construction activities and personnel would not be permitted, unless the archaeological site has been determined to be ineligible for the National Register of Historic Places (NRHP) and/or the California Register of Historical Resources (CRHR).	• **Prior to Construction:** Establish protective buffer zones around each recorded cultural resource • **During Construction:** Establish protective buffer zones around each recorded cultural resource • **Following Construction:** N/A	Active construction areas
EPE CUL-03: Evaluate Cultural Resources. Evaluate the significance of all cultural resources that cannot be avoided. Evaluation studies would be conducted and documented as per applicable laws, regulations, and guidelines of the CRHR and NRHP.	• **Prior to Construction:** Evaluate and document significant cultural resources • **During Construction:** Evaluate and document significant cultural resources • **Following Construction:** N/A	Active construction areas
EPE CUL-04: Minimize Impacts to Significant Cultural Resources that Have Not Yet Been Previously Evaluated and That Cannot be Avoided. All ground-disturbing activities would be minimized within the bounds of unique archaeological sites, historical resources, or historic properties. Historical resources and unique archaeological resources where impacts cannot be reduced or minimized will be treated through the implementation of CUL-05. Minimization measures will include pre-construction identification of the most sensitive parts of sites and construction monitoring.	• **Prior to Construction**: N/A • **During Construction:** Minimize impacts to significant cultural resources. Implement the Construction Monitoring and Unanticipated Cultural Resources Discovery Plan. • **Following Construction:** N/A	Active construction areas
EPE CUL-05: Construction Monitoring and Unanticipated Cultural Resources Discovery Plan. Prior to construction, a Construction Monitoring and Unanticipated Cultural Resources Discovery Plan would be prepared. Resources identification and assessments for eligibility of the resources for listing in the CRHR will be consistent with the California Office of Historic Preservation Standards. The plan would detail procedures for avoidance and mitigative data recovery.	• **Prior to Construction:** Prepare a Construction Monitoring and Unanticipated Cultural Resources Discovery Plan • **During Construction:** N/A • **Following Construction:** N/A	Active construction areas

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM CUL-01: Cultural Resource Inventory. A cultural resource inventory will be conducted of any changes to the Proposed Project area or of any properties for which right of entry was not granted prior to any disturbance. All surveys shall be conducted and documented as per applicable laws, regulations, and guidelines. The surveys will be completed to identify any previously unidentified cultural resources. Any discovered resources would be avoided through Project features (EPEs) or mitigated through MM CUL-02.	• **Prior to Construction:** Conduct cultural resource inventory if changes to the Proposed Project area or any properties for which right of entry was not granted • **During Construction:** Avoid cultural resources identified in the cultural resource inventory • **Following Construction:** N/A	Active construction areas
MM CUL-02: Archaeological Monitoring (from 2013 RTRP EIR). To avoid and/or minimize impacts to significant cultural resources, a qualified archaeologist will monitor ground-disturbing activities near previously identified cultural resources. If a newly identified cultural resource or an unknown component of a previously identified resource is discovered during construction, the monitor will follow the Unanticipated Discovery Plan identified in EPE CUL-05. The monitor will have the authority to stop or redirect work, as required to fulfill mitigation measure CUL-02. In addition, any human remains discovered during Project activities will be protected in accordance with current state law as detailed in California Health and Safety Code 7050.5 and California Public Resources Code Sections 5097.91 and 5097.98, as amended.	• **Prior to Construction:** N/A • **During Construction:** Ground disturbance near known cultural resources is monitored; Unanticipated Discovery Plan is implemented if needed; Procedures for discovery of human remains implemented per state law • **Following Construction:** N/A	All Proposed Project areas where ground disturbance occurs
MM CUL-02A: Tribal Resource Monitoring. To avoid and/or minimize impacts on significant tribal cultural resources, a qualified archaeologist will monitor ground-disturbing activities near previously identified cultural resources. In addition, a qualified archaeologist will monitor all ground-disturbing activities along the Proposed Project alignment between Lucretia Avenue in Jurupa Valley and the Wildlife Substation. If a newly identified cultural resource or an unknown component of a previously identified resource is discovered during construction, the monitor will follow the Cultural Resources Monitoring and Treatment Plan (CRMTP) as defined in MM CUL-02B. The monitor will have the authority to stop or redirect work, as required to avoid and/or minimize impacts on tribal cultural resources.	• **Prior to Construction:** N/A • **During Construction:** Ground disturbance near (1) known cultural resources and (2) the Proposed Project alignment between Lucretia Avenue and Wildlife Substation is monitored; CRMTP is implemented if needed • **Following Construction:** N/A	All Proposed Project areas where ground disturbance occurs
MM CUL-02B: Cultural Resources Monitoring, Evaluation, and Treatment of Resources. A Cultural Resources Monitoring and Treatment Plan (CRMTP) shall be combined with the Construction Monitoring and Unanticipated Cultural Resources Discovery Plan and shall be submitted at least 30 days prior to construction to consulting tribe(s) for review, and the CPUC for review and approval. The following requirements/procedures shall be incorporated into the CRMTP: **Qualifications and Responsibilities of Monitors** • *Qualified Archaeologist*. SCE shall retain a qualified cultural resource professional (i.e., archaeologist) that meets the standards as specified in the Secretary of the Interior 's Professional Qualification Standards (36 Code of Federal Regulations [CFR] Part 61), approved by the CPUC, and has experience with California/regional history and local Native American history, traditions and customs. SCE shall provide the name and credentials of the Qualified Archaeologist to the CPUC for approval at least 14 days prior to construction. The Qualified Archaeologist shall be responsible for preparing the CRMTP, overseeing archaeological work, evaluating discoveries, and preparing Evaluation and Data Recovery Plans and subsequent reports. The Qualified Archaeologist shall be equipped to record, and when necessary, recover cultural resources. The Qualified Archaeologist shall be empowered to temporarily halt or divert grading equipment to allow recording and removal of the unearthed resources. The role of the Qualified Archaeologist shall be to oversee ground-disturbing activities at the project and off-site project improvement areas for the unearthing of previously unknown archaeological and/or cultural resources. No grading activities shall occur at the site or within the off-site project improvement areas until the Qualified Archaeologist has been approved by CPUC. • *Qualified Archaeological Monitors*. SCE shall retain qualified archaeological monitors (i.e., archaeological monitors) who have experience conducting cultural resource monitoring in the region on projects of similar size and approved by the CPUC. Qualified archaeological monitors shall work under the direction of the qualified archaeologist(s). A qualified archaeological monitor is defined as an individual who has a Bachelor's degree in anthropology, archaeology, historic archaeology, or a related field and possesses a minimum of 4 months of supervised field and analytic experience in the archaeology of Southern California. SCE shall provide the name and credentials of proposed archaeological monitors to the CPUC for approval at least 14 days prior to construction. The role of the archaeological monitor(s) shall be to monitor the initial ground-disturbing activities at the project and off-site project improvement areas for the unearthing of previously unknown archaeological and/or cultural resources. No grading activities shall occur at the site or within the off-site project improvement areas until the archaeological monitor(s) has been approved by CPUC. If unanticipated cultural resources are discovered, the archaeological monitor(s) shall be empowered to initiate a temporary hold on construction activity or divert grading equipment to allow recording and removal of the unearthed resources if the discovery is located in an active construction area.-Construction shall not continue in the area until the resources are evaluated and the appropriate next steps are determined by the archaeological monitor, in consultation with the Project archaeologist. • *Tribal Cultural Monitor*. SCE shall retain a tribal cultural monitor(s) from consulting tribes (i.e., Pechanga Band of Luiseño Indians and Gabrieleño Band of Mission Indians–Kizh Nation). The tribal cultural monitor(s) shall monitor all ground-disturbing activities that the consulting tribes believe warrant monitoring, represent tribal concerns, and communicate necessary information with their respective tribal councils. If construction activities require tribal cultural monitors from multiple tribes, SCE shall coordinate a revolving schedule between the consulting tribes. SCE shall provide the documentation of coordination	• **Prior to Construction:** SCE submits a Discovery Plan and CRMTP to the CPUC at least 30 days prior to construction • **During Construction:** SCE implements the Discovery Plan and CRMTP including all monitor and discovery treatment requirements • **Following Construction:** N/A	All Proposed Project areas where ground disturbance occurs

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location

and a fully executed Cultural Resources Monitoring and Treatment Agreement with the monitoring tribe(s) outreach efforts and the name and credentials of the proposed Native American monitor(s) to the CPUC for approval at least 14 days prior to construction. The Tribes shall be given the opportunity to consult with the qualified archaeologist and provide input on the draft CRMTP during its preparation, including the Evaluation Plan and Data Recovery Plan. Upon completion of the draft CRMTP, the consulting tribes shall be given at least 30 days to provide input on the draft CRMTP. Evidence of consultation with the Tribes shall be submitted to the CPUC. The tribal cultural monitor(s) shall inform the archaeological monitor if any previously undiscovered tribalcultural resources are discovered. The archaeological monitor shall be granted the authority to temporarily halt grading in the immediate area of a find in order to evaluate the find and determine the appropriate next steps, in consultation with the Project archaeologist.

Cultural Resource Monitoring

- The purpose of cultural resource monitoring is to ensure proper implementation of all avoidance procedures so that cultural resources, if present, are not irretrievably lost, damaged, destroyed, or otherwise adversely affected. Cultural resource monitoring shall be conducted during all ground-disturbing activities (i.e., vegetation clearing, excavation, grading, and staging area/marshalling yard preparation within unpaved yards). The requirements for archaeological and tribal cultural monitoring shall be noted on construction plans and the worker environmental awareness training handouts. Monitors shall cease monitoring if older quaternary alluvium soils and/or bedrock is encountered.
- Monitoring teams shall work under the direct supervision of the Qualified Archaeologist in conjunction with a tribal cultural monitor. The Qualified Archaeologist and tribal cultural monitor shall attend preconstruction meetings for the project. Monitoring teams shall include one qualified archaeological monitor and one tribal cultural monitor. In the event that ground-disturbing activities occur simultaneously in multiple locations requiring monitoring, a monitoring team shall be required at each location.

Cultural Resources Management and Treatment Plan

- **Mapping.** The CRMTP shall include a map of all known California Register-eligible or potentially-eligible resources in and within 50 feet of work areas. Maps shall be updated by the Project Archaeologist as necessary to incorporate any new information obtained.
- **Environmentally Sensitive Areas (ESA) Delineation.** The CRMTP shall describe how historical resources eligible or potentially eligible for listing in the California Register of Historic Resources (CRHR), significant archaeological resources, and tribal cultural resources deemed significant by the tribe(s) (collectively referred to as "significant resources") will be delineated and avoided as ESAs during construction. ESAs containing cultural resources shall not be identified on maps to be used by anyone other than the Qualified Archaeologist, archaeological monitors, and tribal cultural monitors. They shall be labeled on maps that would be used by the Qualified Archaeologist, archaeological monitors, and tribal cultural monitors, and with signage in the field as "environmentally sensitive areas." The sole preferred method of mitigation in the CRMTP for known significant resources shall be total avoidance of the resource (preservation in place), per CEQA Guidelines Section I 5126.4(b)(3)(A). The preferred method of mitigation in the CRMTP for unanticipated resources shall be total avoidance (preservation in place). If avoidance is determined to be infeasible by the CPUC, the Qualified Archaeologist, in consultation with CPUC, SCE, and consulting tribe(s), shall prepare an Evaluation Plan and Data Recovery Plan.
- **Unanticipated Resource Discovery.** The CRMTP shall contain a description of procedures to be used if unanticipated cultural resources are discovered during construction. The CRMTP shall require that work shall be temporarily halted within 50 feet of the resource, appropriate temporary protective barriers shall be installed along with signage identifying the area only as an "environmentally sensitive area" and forbidding entry into the area by all but authorized personnel, and the Qualified Archaeologist, consulting tribe(s), and the CPUC shall be notified. No work will resume in the area until the Qualified Archaeologist, consulting tribe(s), and the CPUC agree to an appropriate buffer or until mitigation has been completed. The preferred method of mitigation in the CRMTP shall be total avoidance of the resource (preservation in place), per CEOA Guidelines Section 15126.4(b)(3)(A).
- **Determination if a Resource is an Historical Resource.** The Qualified Archaeologist, in consultation with the consulting tribe(s) and the CPUC, shall determine if there is a potential for the resource to be an historical resource that is potentially eligible for the California Register of Historic Places (CRHP), National Register of Historic Places (NRHP), or is a Tribal Cultural Resource of significance to the consulting tribes(s). If there is no potential for the resource to qualify as an historical resource eligible for the CRHP or NRHP, or is not deemed to be a Tribal Cultural Resource of significance to the tribe(s), work shall resume after CPUC and tribal consultation and review, and CPUC approval or concurrence. The CRMTP shall include a framework for evaluating cultural resources that may also be historical resources. If there is a potential for the resource to be an eligible historical resource or historic Tribal Cultural Resource of significance to the tribe(s), the Qualified Archaeologist shall prepare an Evaluation Plan, in consultation with consulting tribe(s) if appropriate.
- **Evaluation Plan.** The resource-specific Evaluation Plan shall detail the procedures to be used to determine if the discovery is an historical resource eligible listing on the CRHP or NRHP, or is a Tribal Cultural Resource of significance to the tribe(s). The Evaluation Plan shall include sufficient discussion of background and context to allow the evaluation of the resource against the appropriate resource criteria. It shall include a description of procedures to be used in the gathering of information to allow the evaluation. These techniques may include (but are not limited to) excavation, written documentation, interviews, photography, and consultation with the consulting tribe(s). For archaeological resource testing, the Evaluation Plan shall describe the archaeological testing procedures, including, but not limited to: surface collection (if surface artifacts are discovered), test excavations (including type,

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number, and location of test pits and/or trenches), analysis methods (and if a tribal cultural resource, in consultation with the consulting tribe(s) as to appropriate methods of testing, if any, with the understanding that no destructive testing on such resources may commence until the Qualified Archaeologist has consulted with the consulting tribe(s)and unless the testing is agreed to in writing by the consulting tribe(s)), and reporting procedures. The Evaluation Plan shall be submitted to the consulting tribe(s) (if appropriate) and the CPUC for review. Once approved, the Evaluation Plan shall be implemented in the field. The report resulting from this work shall include evaluation of the discovery, based on the significance criteria set forth in the Evaluation Plan, indicating if it is an historical resource. If the discovery is not found to be a historical resource, and the consulting tribe(s) (if appropriate) and CPUC concurs with that determination, protective barriers may be removed, and work may proceed in the area of the discovery. If the discovery is determined to be an historical resource, SCE shall prepare a Data Recovery Plan, in consultation with the consulting tribe(s), if appropriate. • **Data Recovery Plan.** Data recovery plans for historical resources that cannot be fully avoided shall be prepared in accordance with CEQA Guidelines Section l 5126.4(b)(3)(C) and PRC Section 21083.2, as applicable. The Data Recovery Plan shall outline how the recovery of data from the resource will mitigate impacts to that resource to below a level of significance. The Data Recovery Plan shall describe the level of effort, including numbers and kinds of excavation units to be dug, excavation procedures, laboratory methods (no destructive testing may be undertaken until the Qualified Archaeologist has consulted the consulting tribe(s)) and the testing is agreed to in writing by the consulting tribe(s), samples (e.g., pollen, sediment, as appropriate) to be collected and analyzed, analysis techniques that will yield information relevant to the aspects of the site that make it a historical resource, and reporting procedure. This plan shall be submitted to the consulting tribe(s) for review (if appropriate), and the CPUC for review and approval upon consideration of consulting tribe(s) review. Once approved, the applicant shall implement the approved plan. Once the data recovery field work is complete, a Data Recovery Field Memo shall be prepared and provided to the CPUC and consulting tribe(s), if appropriate. • **Data Recovery Field Memo.** Following implementation of the Data Recovery Plan, the Data Recovery Field Memo shall be prepared whenever an unanticipated resource is discovered during construction. The Data Recovery Field Memo shall briefly describe the data recovery procedures in the field and summarize (at a field catalog level) the materials recovery. The Data Recovery Field Memo shall also identify the number and kind of samples recovered that are appropriate for special analyses, including radiocarbon dating (no such testing may be undertaken on tribal cultural resources until the Qualified Archaeologist has consulted the consulting tribe(s)), obsidian sourcing, pollen analysis, microbotanical analysis, and others, as applicable. The Data Recovery Field Memo shall be submitted to the CPUC for review and approval. Once the Data Recovery Field Memo has been approved, protective barriers may be removed, and work may proceed in the area of the discovery. If the Data Recovery Field Memo concerns tribal cultural resources or archaeological or prehistoric resources, the Data Recovery Field Memo shall also be submitted to the consulting tribe(s) per the procedures outlined in the Data Recovery Plan. A Data Recovery Report shall then be prepared. • **Data Recovery Report.** Within 90 days of submittal of the Data Recovery Field Memo, a Data Recovery Report shall be prepared. The Data Recovery Report shall present the results of the data recovery program, including a description of field methods, location and size of excavation units, analysis of materials recovered (including results of any special analyses conducted), and conclusions drawn from the work. The Data Recovery Report shall also indicate where artifacts, samples, and documentation resulting from the data recovery program will be curated. The Data Recovery Report shall specify that the curation facility meets the requirements of 36 CFR 79. The Data Recovery Report shall be submitted to the consulting tribe(s) for review, if appropriate, and the CPUC for review and approval. Once approved, the Data Recovery Report shall be filed with the Eastern Information Center. All impacted known resources and all unanticipated resources shall be recorded on California Department of Parks and Recreation 523 forms and filed at the Eastern Information Center with the Data Recovery Report. If the Data Recovery Report concerns tribal cultural resources or archaeological or prehistoric resources, the Data Recovery Report shall also be submitted to the consulting tribe(s) per the procedures outlined in the Data Recovery Plan. • The CRMTP shall include a summary of the California laws regarding the discovery of human remains, including CEQA Guidelines Section 15064.5(e); PRC Sections 5097.94. 5097.98, and 5097.99; and California Health and Safety Code Section 7050.5. In addition, the plan shall include the contact information for the Riverside County Medical Examiner and the Native American Heritage Commission. The CRMTP shall specify that the curation facility, where artifacts, samples, and documentation resulting from the data recovery program shall be curated, meets the requirements of 36 CFR 79.		
MM CUL-02C: Cultural Resource Training. All project personnel shall receive project-specific cultural resource training prior to working on the project. The training shall address appropriate work practices necessary to effectively implement project requirements, including EPEs and mitigation measures for historical resources, archaeological resources, tribal cultural resources, and human remains. The training shall address the potential for exposing subsurface resources, basic indicators of a potential resource, and required procedures if a potential resource is identified, consistent with the procedures set forth in MM CUL-02A through MM CUL-02E. SCE shall submit the cultural resource training materials to the CPUC for approval no less than 30 days before construction. Cultural resource training materials may be submitted as part of the general Worker Environmental Training Program for the project.	• **Prior to Construction:** Cultural resource training materials are submitted to the CPUC at least 30 days prior to construction • **During Construction:** All project personnel receive the CPUC-approved cultural resources training prior to working on the site • **Following Construction:** N/A	N/A

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM CUL-02D: Procedures for Discovery of Human Remains. In the event that human remains or suspected human remains are identified, SCE shall comply with California law (Heath and Safety Code § 7050.5; PRC §§ 5097.94, 5097.98, and 5097.99). The area shall be flagged off and all construction activities within 100 feet (30 meters) of the find shall immediately cease. The Qualified Archaeologist and SCE shall be immediately notified, and the Qualified Archaeologist shall examine the find. If the Qualified Archaeologist determines that there may be human remains, SCE shall immediately contact the Medical Examiner at the Riverside County Coroner's office. The Medical Examiner has two (2) working days to examine the remains after being notified by SCE. If the Medical Examiner believes the remains are Native American, he/she shall notify the NAHC within 24 hours. If the remains are not believed to be Native American, the appropriate local law enforcement agency shall be notified. The NAHC shall immediately notify the person it believes to be the most likely descendant (MLD) of the remains, and the MLD has 48 hours of being granted access to the site to visit the discovery and make recommendations to the landowner or representative for the respectful treatment or disposition of the human remains and any associated grave goods. If the MLD does not make recommendations within 48 hours of being granted access to the site, the remains shall be reinterred in the location they were discovered and the area of the property shall be secured from further disturbance. If there are disputes between the landowners and the MLD, the NAHC shall mediate the dispute and attempt to find a solution. If the mediation fails to provide measures acceptable to the landowner, the landowner or their representative shall reinter the remains and associated grave goods and funerary objects in an area of the property secure from further disturbance. The location of any reburial of Native American human remains shall not be disclosed to the public and shall not be governed by public disclosure requirements of the California Public Records Act, California Government Code § 6250 et seq., unless otherwise required by law. The Medical Examiner shall withhold public disclosure of information related to such reburial pursuant to the specific exemption set forth in California Government Code § 6254(r).	• **Prior to Construction:** N/A • **During Construction:** Implement procedures if human remains are discovered • **Following Construction:** N/A	All Proposed Project areas where ground disturbance occurs
MM CUL-02E: Tribal Cultural Resource Avoidance Procedures. SCE shall submit final construction plans to the consulting tribes and the CPUC at least 60 days prior to construction. The CPUC shall review these plans with the consulting tribes to identify any potential conflicts between the final work spaces/infrastructure locations (e.g., pole or vault locations, spur roads) and recorded tribal cultural resources. Where potential conflicts exist, the cultural resource(s) shall be evaluated according to the procedures identified in MM CUL-02B. When any changes in proposed activities are necessary to avoid cultural resources (e.g., project modifications or redesign), construction plans shall be modified to reflect the agreed upon changes before initiating any construction activities in the area subject to the change. Revised construction plans shall be submitted to the CPUC and affected consulting tribes at least 14 days prior to construction for confirmation of incorporated changes. In the event of an inadvertent discovery, no activities shall be conducted within the boundaries of a known tribal cultural resource until SCE has obtained concurrence on avoidance and minimization methods from affected consulting tribes. The CPUC shall make a final determination if SCE cannot obtain concurrence from the tribes within 60 days of initial identification of the potential cultural resource conflict. Designated approved work spaces shall be physically demarcated under the direction of the Qualified Archaeologist, in consultation with the tribal cultural monitor, to ensure exclusion of known tribal cultural resources. Construction crews shall be instructed to work within designated approved work areas.	• **Prior to Construction:** SCE submits final construction plans to the CPUC and consulting tribes at least 60 days prior to construction; Potential cultural resource conflicts are evaluated per MM CUL-02B. Revised construction plans submitted to CPUC for confirmation of incorporate changes at least 14 days prior to construction. • **During Construction:** Work spaces are physically demarcated and crews are instructed to stay within designated work spaces • **Following Construction:** N/A	All Proposed Project areas where ground disturbance occurs
MM CUL-03: Paleontological Pre-Construction Coordination (from 2013 RTRP EIR). A qualified paleontological monitor shall attend any pre-construction meetings at locations that have high potential for containing intact paleontological resources to consult with grading and excavation contractors concerning excavation schedules, paleontological field techniques, and safety issues. A paleontological monitor is defined as an individual who has experience in the collection and salvage of fossil materials. The paleontological monitor shall work under the direction of a qualified paleontologist. A qualified paleontologist is defined as an individual with an M.S. or PhD in paleontology or geology, or closely related field, who is experienced with paleontological procedures and techniques, who is knowledgeable in the geology and paleontology of Southern California, and who has worked as a paleontological mitigation project supervisor in the region for at least 1 year.	• **Prior to Construction:** A qualified paleontological monitor attends pre-construction meetings • **During Construction:** N/A • **Following Construction:** N/A	Excavations in project areas with a high paleontological sensitivity
MM CUL-04: Paleontological Monitoring (High-Sensitivity Formations) (from 2013 RTRP EIR). A qualified paleontological monitor shall spot-check the original cutting of previously undisturbed deposits of high paleontological resource sensitivity (e.g., Older Quaternary Alluvium). The paleontological monitor shall work under the direction of a qualified paleontologist.	• **Prior to Construction:** N/A • **During Construction:** Spot-checking during construction • **Following Construction:** N/A	Excavation in project areas with a high paleontological sensitivity
MM CUL-04A: Paleontological Monitoring (Low-Sensitivity Formations). Ground-disturbing activities that occur in areas with indeterminate, low, or marginal paleontological sensitivity may be monitored on a part-time basis as outlined in the Paleontological Monitoring and Treatment Plan (PMTP) prepared by the qualified paleontologist.	• **Prior to Construction:** N/A • **During Construction:** Spot-checking during construction • **Following Construction:** N/A	Excavations in project areas as required by the PMTP

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM CUL-05: Significant Fossil Recovery (from 2013 RTRP EIR). When significant fossils are discovered, the paleontologist (or paleontological monitor) shall recover them. In most cases, this fossil salvage can be completed in a short period of time. Because of the potential for the recovering of small fossil remains, such as isolated mammal teeth, it may be necessary to recover bulk sedimentary matrix samples for off-site wet screening. However, some fossil specimens (such as complete large mammal skeletons) may require an extended salvage period. In these instances, the paleontologist (or paleontological monitor) should be allowed to temporarily direct, divert, or halt earthwork activities to allow recovery of fossil remains in a timely manner.	• **Prior to Construction:** N/A • **During Construction:** Fossils found during construction are salvaged • **Following Construction:** N/A	Excavations in project areas with a high paleontological sensitivity
MM CUL-06: Significant Fossil Treatment (from 2013 RTRP EIR). Fossil remains collected during monitoring and salvage shall be cleaned, repaired, sorted, and cataloged as part of the mitigation program.	• **Prior to Construction:** N/A • **During Construction:** Fossils are cleaned, repaired, sorted, and catalogued • **Following Construction:** N/A	N/A
MM CUL-07: Fossil Donation (from 2013 RTRP EIR). Prepared fossils, along with copies of all pertinent field notes, photos, maps, and measured stratigraphic sections, shall be deposited (as a donation) in a scientific institution with permanent paleontological collections, such as the Western Center for Archaeology and Paleontology, the San Bernardino County Museum, or the San Diego Natural History Museum. Donation of the fossils shall be accompanied by financial support for initial specimen cataloguing and storage.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** Fossils are deposited in a scientific institution with permanent paleontological collections	N/A
MM CUL-08: Paleontological Mitigation Report (from 2013 RTRP EIR). A final summary report shall be completed that outlines the results of the paleontological mitigation program. This report shall be prepared under the supervision of a qualified paleontologist. The report will include a description and maps of the Project area; descriptions of paleontologically sensitive or fossiliferous sediments in the Project vicinity; discussions of the methods used during monitoring and during fossil recovery; descriptions and illustrations of the stratigraphic section(s) exposed, fossils collected, including taxonomic data; photographs of the locations of recovered fossils; an assessment of the significance of the recovered fossils; complete contextual data from the fossil locality, including sedimentology and taphonomy; and a record of accession of the fossils to the selected repository, including specimen numbers.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** Preparation of a Paleontological Mitigation Report	N/A
MM CUL-08A: Paleontological Mitigation Report Approval. A draft of the Paleontological Mitigation Report shall be submitted to the CPUC within 60 days of the close of construction for review and approval	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** SCE submits a draft Paleontological Mitigation Report to CPUC within 60 days following construction	N/A
Geology and Soils		
EPE GEO-01: Conduct a Geotechnical Study and Incorporate Recommendations into Final Project Design. Prior to final design of the substations, substation upgrades, distribution line relocation, access roads, fiber optic line and Transmission/Subtransmission Line placement, a geotechnical study would be performed to identify site-specific soils and geologic conditions in enough detail to support final engineering. Recommendations from the geotechnical study would be incorporated into the final project design.	• **Prior to Construction:** Conduct Geotechnical Study to identify site-specific soils and geologic conditions and provide recommendations for final project design • **During Construction:** N/A • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment
EPE GEO-02: Implement Soil Erosion Protection Measures. Transmission line, substation construction and upgrades, access roads, distribution line relocation and fiber optic line construction would be performed in accordance with the soil erosion and water quality protection measures specified in the Construction SWPPP.	• **Prior to Construction:** N/A • **During Construction:** Implement soil erosion protection measures • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment
No MMs		

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
Hazards and Hazardous Materials		
EPE HAZ-01: Health, Safety, and Emergency Response Procedures. *Health and Safety Plan*. A health and safety plan to address site-specific health and safety issues would be prepared and implemented. The plan would address emergency medical services and procedures, including specific emergency response and evacuation measures for project personnel. *Hazardous Materials and Hazardous Waste Handling.* A project-specific Hazardous Materials Management and Hazardous Waste Management Program would be developed prior to initiation of the project. Material Safety Data Sheets would be made available to all project workers. • Transport of Hazardous Materials: Transport of hazardous materials would be in compliance with USDOT, Caltrans and CHP regulations (Title 22 CCR, Division 4.5 and 49 CFR 261-263). Transporters of hazardous materials and waste are responsible for complying with all applicable laws, rules and regulations, including the acquisition of required shipping papers, package marking, labeling, transport vehicle placarding, training, and registrations. • Refueling stations would be located in designated areas where absorbent pads and trays would be available. The fuel tanks would also contain a lined area to ensure that accidental spillage does not occur. Hazardous materials, such as paints, solvents, and penetrants, would be kept in an approved locker or storage cabinet. *Emergency Release Response Procedures.* An Emergency Response Plan detailing responses to releases of hazardous materials would be developed prior to construction activities. All construction personnel, including environmental monitors, would be aware of state and federal emergency response reporting guidelines.	• **Prior to Construction:** Health and Safety Plan, Hazardous Materials Management and Hazardous Waste Management Program, and Emergency Response Plan shall be developed prior to initiation of the project • **During Construction:** The Health and Safety Plan, Hazardous Materials Management and Hazardous Waste Management Program and Emergency Response Procedures Plan shall be implemented • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment
EPE HAZ-02: Construction Soil Management. The Soil Management Plan would provide guidance for the proper handling, on site management, and disposal of impacted soil that might be encountered during construction activities. The plan would include practices that are consistent with the California Title 8 Occupational Safety and Health Administration (Cal-OSHA) regulations, as well as remediation standards that are protective of the planned use. In the event that potentially contaminated soils are encountered within the footprint of construction, soils would be tested and stockpiled. The Certified Unified Program Agency (CUPA) would determine whether further assessment is warranted.	• **Prior to Construction:** Prepare Soil Management Plan • **During Construction:** Implement Soil Management Plan • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment
EPE HAZ-03: Environmental Management Program. • **Spill Prevention, Control, and Countermeasure Plan (SPCC Plan):** In accordance with Title 40 of the CRF, Part 112, an SPCC for proposed and/or expanded substations would be prepared. The plan would include engineered and operational methods for preventing, containing, and controlling potential releases, and provisions for safe cleanup and reporting. • **Hazardous Materials Business Plans (HMBPs):** Prior to operation of new or expanded substations, an HMBP would be prepared or updated and submitted, in accordance with Chapter 6.95 of the CHSD, and Title 22 CCR. • **Storm Water Pollution Prevention Plan (SWPPP):** A project-specific construction SWPPP would be prepared and implemented prior to the start of construction of the transmission lines and substations.	• **Prior to Construction:** SPCC, HMBP and SWPPP Plans would be prepared prior to the start of construction • **During Construction:** SPCC, HMBP and SWPPP Plans would be implemented • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment
EPE HAZ-04: Worker Environmental Awareness Program. A WEAP would be prepared. All construction crews and contractors would be required to participate in WEAP training prior to starting work on the project. The WEAP would serve as a training program to provide workers with an overview of general environmental protection measures as dictated by current law and permits. It would clearly establish for construction workers the conditions they need to follow to keep the project in compliance with applicable laws.	• **Prior to Construction:** Prepare WEAP. All construction crews and contractors shall attend the training prior to starting work on the project. • **During Construction:** All construction crews and contractors shall attend the training prior to starting work on the project. • **Following Construction:** N/A	N/A
MM HAZ-01: Appoint Trained Personnel for Hazardous Material Handling (from 2013 RTRP EIR). If potentially contaminated soil, water or groundwater is encountered during Project construction, construction activities shall stop in the area of the discovery and an OSHA-trained individual with a minimum of 40-hours of Hazardous Waste Operations and Emergency Response (HAZWOPER) worker training shall be responsible for collecting a sample of the suspected material(s). An SCE/RPU approved Health and Safety Officer shall review the laboratory data results from suspected contaminated material(s) and, if contamination is confirmed, that individual shall coordinate with the appropriate regulatory agency (Santa Ana RWQCB or local CUPA) to determine the level of worker protection and protocol for handling/disposal of specific hazardous materials. If it is determined that no contamination is present the Health and Safety Officer shall notify the construction contractor to resume construction in the area.	• **Prior to Construction:** N/A • **During Construction:** 1) Stop construction activities if contaminated soil, water or groundwater is encountered; 2) A qualified HAZWORER worker collects a sample of the suspected material(s); 3) An approved Health and Safety office reviews the laboratory data results and coordinate with the appropriate regulatory agency if necessary • **Following Construction:** N/A	The entire proposed 230-kV transmission alignment

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM HAZ-02: Document compliance with measures for encountering unknown contamination (from 2013 RTRP EIR). If evidence of soil or groundwater contamination is detectable by visual and/or olfactory observation during Project construction, a report documenting the exact contamination location, laboratory test results, actions taken, and recommended protection measures (if applicable) shall be submitted to SCE, RPU, and the CPUC for each incident. This report shall be submitted within 30 days of SCE's/RPU's receipt of laboratory results.	• **Prior to Construction:** N/A • **During Construction:** Document encountering of unknown contamination, and submit documentation to SCE, RPU, and the CPUC within 30 days of SCE'S/RPU's receipt of laboratory results • **Following Construction:** N/A	N/A
MM HAZ-03: Fire Prevention and Management Plan (from 2013 RTRP EIR). A fire prevention and management plan shall be developed and applicable fire laws and regulations would be observed during the construction period. All construction personnel would be advised of their responsibilities under the applicable fire laws and regulations. The Fire Prevention and Management Plan would ensure uniform guidelines for prevention, control, and extinguishment of fires that could potentially occur during transmission line construction. It would identify firefighting and reporting tools and equipment for construction-related use of diesel and gasoline operated engines, welders, heavy construction operating equipment, and tractor dozers. It would identify Proposed Project-specific fire prevention measures, such as permits required, smoking and fire rules, storage and parking areas, welding, and emergency measures.	• **Prior to Construction:** 1) Develop a Fire Prevention and Management Plan; 2) Advise construction personnel of their responsibilities under the applicable fire laws and regulations • **During Construction:** Implement Fire Prevention and Management Pan • **Following Construction:** N/A	N/A
MM HAZ-04: Uncover Existing Utility Pipelines. SCE shall excavate "potholes" over the top of any buried existing utilities, including pipelines, that are located within 10 feet of a proposed excavation (e.g., pole foundation, retaining wall footing, duct bank, or vault structure) to verify the location of the existing utility prior to initiating excavation work. Potholing work shall be performed using a non-destructive method (e.g., air vacuum extraction) that will not damage an existing pipeline once it is encountered. Potholing work shall be conducted under the oversight of a representative of the appropriate utility company. Potholing shall reveal the top of the pipeline only and shall not go any deeper than the top of the pipe so as to not damage the pipe in any way. More than one pothole may be excavated where necessary to verify the orientation of the existing pipeline relative to the proposed excavation. Potholes shall be backfilled with removed stockpiled soil once the location and orientation of the pipeline has been verified and marked. The utility company representative shall verify and approve that backfill and compaction of the potholes has been performed adequately. If the pipeline is located within the footprint of a proposed pole foundation, no pole foundation excavation work shall commence until CPUC has been notified and the pole location has been relocated sufficiently far away from the buried pipeline.	• **Prior to Construction:** (1) Verify and mark location of buried existing utilities located within 10 feet of excavation area, (2) Receive verification from utility company, (3) Excavate potholes to confirm existing underground utility location, (4) Relocate pole location away from buried pipeline when necessary • **During Construction:** N/A • **Following Construction:** N/A	All work areas included in the CPCN where excavations and trenching would occur

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM HAZ-05: Induced Voltage Touch Study. SCE shall identify both aboveground and underground objects (e.g., metal fences or buried metal utility lines such as pipelines or metallic communication conductors, etc.) in the vicinity of the Proposed Project that may potentially present a shock hazard to the public or workers of any adjacent metallic utility lines, due to induced currents or voltages. The owner of any adjacent metallic utility lines shall be identified and notified about the Proposed Project. SCE shall acquire as-built documents or other facility location information from adjacent utility owners to evaluate the location and specifics of nearby metallic objects. SCE shall also obtain information/documentation from adjacent utility owners defining any quantitative hazardous shock thresholds for both public and worker exposures applicable to their facilities. In the absence of more stringent hazardous shock thresholds from adjacent utility owners, SCE shall ensure that induced voltage does not exceed 25 volts to ground under normal and emergency operating conditions in accordance with any other quantitative SCE public and worker safety standards. SCE shall prepare an Induced Voltage Touch study that evaluates the conductive and inductive interference effects of the Proposed Project components on the identified objects. The Induced Voltage Touch study shall model the conductive objects using the maximum anticipated voltage and/or current for the proposed 230-kV line under normal and emergency operating conditions and shall consider the construction details for the transmission line. The study shall also construct a model using fault conditions if such faults would result in higher voltages or currents on the Proposed Project facilities and higher induced voltages on adjacent metallic utilities. In the event that the modeled induced voltage of a conductive objective exceeds hazardous shock thresholds, SCE shall install grounding or other appropriate measures to protect the public and workers of any adjacent metallic utility lines from hazardous shocks. The Induced Voltage Touch study shall include the model voltage results of conductive objects prior to implementation of grounding or other measures and after implementation of grounding or other measures. SCE shall coordinate with the owners of any potentially affected adjacent utilities to ensure that the adjacent utilities are correctly represented in the model. SCE shall give any affected utility owner a copy of the Induced Voltage Touch study within 30 days of study completion. SCE shall provide any adjacent utility owner concerns regarding the study validity and results to the CPUC. Sixty days prior to commencing construction, SCE shall provide the Induced Voltage Touch study to the CPUC for approval. The Induced Voltage Touch study shall include the criteria and approach that was used to determine what facilities could present a shock hazard, the results of the model prior to implementation of grounding or other measures, details of the grounding or other measures to be installed, and the results of the model after implementation of the grounding or other measures. If safety hazards are identified during operation, SCE shall take appropriate corrective action and document the response in accordance with CPUC General Order 95. Safety devices such as traveling grounds, guard structures, and radio-equipped public safety roving vehicles and linemen shall be in place prior to the initiation of wire-stringing activities.	• **Prior to Construction:** (1) Induced Voltage Touch study and model are submitted to CPUC at least 60 days prior to start of construction for approval, (2) Safety devices (i.e., traveling grounds, guard structures, and radio-equipped public safety roving vehicles and linemen) are in place prior to initiation of wire-stringing activities • **During Construction:** Ensure that all required grounding or other appropriate measures are implemented • **Following Construction:** Address any safety concerns and document corrective action	The entire proposed 230-kV transmission alignment
Hydrology and Water Quality		
EPE HYDRO-01: Jurisdictional Waters. Infrastructure associated with the Proposed Project would be situated outside jurisdictional waters, as defined by the Clean Water Act (e.g., wetlands, stream channels and banks). The Proposed Project has been designed to span and avoid wetlands and riparian areas. Work limits for tower construction, tower footprints, and pull and tension sites would be in upland locations. There is no dredge or fill action expected from construction of the Proposed Project. If jurisdictional waters cannot be avoided, a Section 404 Nationwide 12 Permit will be obtained from the USACE and impacts to jurisdictional waters will be restricted to a total area of no more than 0.5 acre, as mandated by Permit requirements. All permit conditions will be followed to ensure that impacts remain less than significant.	• **Prior to Construction:** 1) Define work limits for construction activities; 2) Obtain necessary permits; • **During Construction:** Follow permit conditions • **Following Construction:** N/A	All Proposed Project work areas where jurisdictional waters would occur
EPE HYDRO-02: Transmission Operations & Maintenance. Areas that do not offer perpetual access to transmission structures for routine operations and maintenance shall be avoided.	• **Prior to Construction:** N/A • **During Construction:** Avoid transmission structures with no perpetual access • **Following Construction:** Avoid transmission structures with no perpetual access	All transmission structures with no perpetual access
EPE HYDRO-03: Dewatering Operations. If groundwater is encountered during construction as indicated by geologic borings, dewatering operations, as described in the construction SWPPP, shall be implemented. Groundwater shall not be discharged to storm drains or to Waters of the U.S., and shall be contained within the work area, using standard stormwater BMPs (e.g., straw wattles) and allowed to percolate back to the ground.	• **Prior to Construction:** N/A • **During Construction:** When groundwater is encountered during trench and vault installation • **Following Construction:** N/A	All Proposed Project work areas where excavations and trenching would occur

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
EPE HYDRO-04: Maintaining Natural Drainage Patterns. The substations and poles shall be designed and engineered to facilitate natural drainage patterns to minimize or avoid any potential impacts to erosion and siltation.	• **Prior to Construction:** Design and engineer substations and poles to facilitate natural drainage patterns • **During Construction:** N/A • **Following Construction:** N/A	All substations and poles
EPE HYDRO-05: New Impervious Areas Returned to Existing Conditions. New impervious areas associated with temporary construction would be returned to preconstruction conditions after the completion of project construction.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** New impervious areas associated with temporary construction would be returned to preconstruction conditions	All temporary construction areas with new impervious surface
Land Use and Planning		
No EPEs		
No MMs		
Mineral Resources		
No EPEs		
No MMs		
Noise		
EPE NOI-01 Noise Complaint Reporting. The project (via construction contractor) would establish a telephone hot-line for use by the public to report any perceived significant adverse noise conditions associated with the construction of the project. If the telephone is not staffed 24 hours per day, the contractor would include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This hot-line telephone number would be posted at the project site during construction in a manner visible to passersby. This telephone number would be maintained until the project has been considered commissioned and ready for operation.	• **Prior to Construction:** N/A • **During Construction:** The construction contractor shall establish a telephone hot-line for construction-related complaints • **Following Construction:** N/A	All Proposed Project locations
EPE NOI-02 Noise Complaint Investigation. Throughout the construction of the project, the contractor would document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The contractor or its authorized agent would: • Use a Noise Complaint Resolution Form to document and respond to each noise complaint; • Contact the person(s) making the noise complaint within 24 hours; • Conduct an investigation to attempt to determine the source of noise related to the complaint; and • Take all reasonable measures to reduce the noise at its source.	• **Prior to Construction:** N/A • **During Construction:** Construction-related complaints will be investigated and responded to within 24 hours • **Following Construction:** N/A	All Proposed Project locations
EPE NOI-03 Construction Practices. The following are typical field techniques for reducing noise from construction activities on a project site, with the purpose of reducing aggregate construction noise levels at nearby noise sensitive receptors: • To the extent practical and unless safety provisions require otherwise, adjust all audible back-up alarms downward in sound level, reflecting vicinities that have expected lower background level, while still maintaining adequate signal-to-noise ratio for alarm effectiveness. Consider signal persons, strobe lights, or alternative safety equipment and/or processes as allowed, for reducing reliance on high-amplitude sonic alarms. • As practical and observing safety considerations, place stationary construction noise sources that tend to operate continuously and/or for extended periods of time, such as generators and air compressors, as far away as possible from potentially affected noise sensitive receptors. Place non-noise-producing mobile equipment such as trailers in the direct sound pathways between suspected major noise-producing sources and sensitive receptors. • Limit mobile construction equipment or vehicle engine idling duration, so that such continuous sources of noise do not unnecessarily contribute to an aggregate construction noise level.	• **Prior to Construction:** N/A • **During Construction:** Implement noise-reducing construction activity practices • **Following Construction:** N/A	All Proposed Project locations where high-noise-generating equipment is used

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
EPE NOI-04 Noise Reduction Practices. The following are typical practices for construction equipment selection (or preferences) and expected function that can help reduce noise. • Pneumatic impact tools and equipment used at the construction site would have intake and exhaust mufflers recommended by the manufacturers thereof, to meet relevant noise limitations. • Provide impact noise producing equipment (i.e., jackhammers and pavement breaker[s]) with noise attenuating shields, shrouds or portable barriers or enclosures, to reduce operating noise. • Line or cover hoppers, storage bins, and chutes with sound-deadening material (e.g., apply wood or rubber liners to metal bin impact surfaces). • Provide upgraded mufflers, acoustical lining, or acoustical paneling for other noisy equipment, including internal combustion engines. • Use alternative procedures of construction and select a combination of techniques that generate the least overall noise and vibration. • Use construction equipment manufactured or modified to reduce noise and vibration emissions, such as: - Electric instead of diesel-powered equipment. - Hydraulic tools instead of pneumatic tools. - Electric saws instead of air- or gasoline-driven saws.	• **Prior to Construction:** N/A • **During Construction:** Implement construction equipment practices to reduce noise • **Following Construction:** N/A	All Proposed Project locations where high-noise-generating equipment is used
EPE NOI-05 After-Hours Construction. In the event construction activities are considered necessary on days or hours outside of what is specified by noise ordinance, SCE would provide advanced notification (as required by ordinance or as agreed upon with the local jurisdiction) of such anticipated activity to the CPUC, the local municipality or County where anticipated work is to be performed, and to residents within 300 feet of the anticipated work. This notification would include a general description of the work to be performed, location, and hours of construction anticipated. Additionally, SCE or its contractors would route all construction traffic and/or helicopter flight(s) away from residences, schools and recreational facilities to the maximum extent feasible.	• **Prior to Construction:** N/A • **During Construction:** Provide advanced notification when construction activity is required outside of hours specified on noise ordinances • **Following Construction:** N/A	All Proposed Project locations
MM NOI-01: High-Noise-Generating Equipment. SCE shall implement typical noise-reducing construction practices as identified in EPE NOI-03 and EPE NOI-4 to reduce noise levels when working within 100 feet of receptors. If high-noise-generating equipment must be used, SCE shall limit the use of high-noise-generating equipment to between the hours of 9:00 am and 3:00 pm when constructing within 100 feet of receptors in the City of Jurupa Valley. High-noise-generating equipment shall be defined as any piece of equipment that generates a maximum (L_{max}) noise level of 85 dBA or greater at a reference distance of 50 feet from a sensitive receptor where noise mitigating structures (such as sound walls) do not exist. The following equipment have been identified as high-noise-generating equipment: • Clam shovel • Concrete saw • Jackhammer • Hydra break ram • Pile driver • Vacuum excavator	• **Prior to Construction:** N/A • **During Construction:** Limit high-noise-generating equipment use in Jurupa Valley to between 9:00 am and 3:00 pm • **Following Construction:** N/A	All Project locations within the City of Jurupa Valley where high-noise-generating equipment is used within 100 feet of residences
MM NOI-02: Additional Noise Reduction. SCE shall plan all construction activities with the potential to exceed the City-identified noise ordinance limits within 300 feet of receptors, including concrete pours, such that they are completed by 6:00 pm in Jurupa Valley and 7:00 pm in Riverside to avoid conflicts with local jurisdiction noise ordinances. SCE shall implement all available noise reduction techniques identified in EPEs NOI-03 and NOI-04 in construction areas within 300 feet of sensitive receptors (residences and schools) to reduce noise levels at the receptors. Construction meetings, site setup or cleanup activities that occur outside of City-identified construction hours must meet the noise ordinance limits (measured at receptors) of 55 dBA between 7:00 am and 10:00 pm and 45 dBA between 10:00 pm and 7:00 am.	• **Prior to Construction:** N/A • **During Construction:** Apply noise reduction measures • **Following Construction:** N/A	All Project locations included in the CPCN that are within 300 feet of a sensitive receptor
MM NOI-03: Trench Plate Noise Reduction. SCE shall implement techniques to reduce noise generated by vehicle traffic over temporary trench plates. These techniques shall include one or more of the following, as necessary: • Implement traffic calming measures to reduce vehicle speeds • Ensure trench plates are appropriately secured • Utilize trench plates of a low noise-generating material	• **Prior to Construction:** N/A • **During Construction:** Apply trench plate noise reduction measures • **Following Construction:** N/A	All Project locations included in the CPCN where temporary trench plates are used

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM NOI-04: Construction Notification. SCE shall provide notice by mail at least 1 week prior to construction activities to all sensitive receptors and residences within 500 feet of all construction. The announcement shall state where and when project construction will occur and provide tips on reducing noise intrusion, for example, by closing windows facing the planned construction. Notices shall also include the phone number for the noise complaint telephone hot-line described in EPE NOI-1.	• **Prior to Construction:** Post and mail notices at least 1 week prior to construction activities • **During Construction:** N/A • **Following Construction:** N/A	Sensitive receptors and residences within 500 feet of construction activities for project elements included in the CPCN.
Population and Housing		
No EPEs		
No MMs		
Recreation		
EPE REC-01: Recreational Area Restrictions. In the event of short-term restriction on recreation use at parks, or on existing bike lanes, bike paths, or trails are necessary during project construction, the public would be notified in coordination with the agencies that manage the impacted resource.	• **Prior to Construction:** N/A • **During Construction:** Public and managing agencies are notified regarding restriction to use of recreation facilities • **Following Construction:** N/A	Recreation areas within the Proposed Project area
EPE REC-02: Closure Notices. When temporary park or trail closures are necessary, on-site notices would be posted prior to the closure.	• **Prior to Construction:** N/A • **During Construction:** On-site notices posted prior to closures of recreation facilities • **Following Construction:** N/A	Recreation areas within the Proposed Project area
EPE REC-03: Revegetation. Any park areas temporarily affected by project construction would be revegetated and returned to preconstruction conditions.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** Revegetate affected recreation facilities	Recreation areas within the Proposed Project area
MM REC-01: Recreation Area Closures (from 2013 RTRP EIR). When temporary short-term closures to recreational areas are necessary for construction activities, closures would be coordinated with recreational facility owners. Schedule construction activities to avoid heavy recreational use periods (e.g., holidays or tournaments). Post notices prior to the closure.	• **Prior to Construction:** SCE coordinates with facility owners and posts notices prior to closure • **During Construction:** SCE coordinates with facility owners and posts notices prior to closure • **Following Construction:** N/A	Goose Creek Golf Club
MM REC-02: Conversion of Land and Water Conservation Fund (LWCF) Property [Section 6(f)] (from 2013 RTRP EIR). Where a conversion of LWCF property would occur, coordinate with the National Park Service, California State Parks- Office of Grants and Local Services, and the grantee to replace the property used by the Proposed Project in size, value and function through a conversion process.	• **Prior to Construction:** Applicant pays fees levied and provide payment confirmation • **During Construction:** N/A • **Following Construction:** N/A	All Proposed Project locations where conversion of LWCF property would occur
MM REC-03: Maintain Access to Trails and Parks. SCE shall identify existing alternate routes to allow park, trail, and path users to access parks or alternate trail segments for those areas that are inaccessible or closed due to construction activities. Trail detours must be located on existing trails or unvegetated areas and shall not be located where they could impact sensitive biological resources. Trail detours may be placed, when feasible and safe to do so, along the perimeter of active work areas or through inactive work areas when it is safe to do so. SCE shall propose alternate routes delineated on project plans and provided to the CPUC at least 30 days prior to construction for review and approval. Signs shall be posted at trail entrances to inform trail users of construction activities that may be encountered, such as excavations, and vehicles and equipment on trails.	• **Prior to Construction:** Submittal of proposed alternative park, trail, and bike path routes to CPUC for review and approval at least 30 days prior to construction • **During Construction:** SCE installs and maintains signs informing trail users of detours or closures • **Following Construction:** N/A	Project construction work and staging areas at 68th Street and Lucretia Avenue, 68th Street and Dana Avenue, Limonite Avenue and Pats Ranch Road, Landon Drive and Wineville Avenue, and at Distribution Line Relocations #7 and #8

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM REC-04: Trail and Recreation Area Conditions and Repairs. SCE shall prepare a Pre-Project Trail and Recreation Area Condition Report prior to construction that documents the condition of designated trails, proposed detour routes, and recreational areas located within Revised Project work areas. The Pre-Project Trail and Recreation Area Condition Report shall be submitted to the CPUC no less than 30 days before construction. SCE shall repair all damage to trails, detour routes, and recreation areas caused by construction vehicles and equipment within 30-days after completion of construction. SCE shall prepare a Post-Project Trail and Recreation Area Condition Report documenting the final state of all trails and recreation areas within the Revised Project work areas. The Post-Project Trail and Recreation Area Condition Report shall be submitted to the CPUC within 60 days of completing construction in each project segment. SCE shall complete all trail and recreation area repairs to the approval of the appropriate land owner, land agency, or city. SCE shall provide copies of the approval to the CPUC. SCE shall restore all LWCF land to pre-existing conditions within 12 months from the start of construction.	• **Prior to Construction:** SCE submits a Pre-Project Trail and Recreation Area Condition Report to the CPUC 30 days before construction • **During Construction:** Trail and recreation area damage is adequately repaired within 12 months from start of construction • **Following Construction:** SCE submits a Post-Project Trail and Recreation Area Conditions Report to the CPUC within 60 days of completing construction	Project construction areas at 68th Street and Lucretia Avenue, 68th Street and Dana Avenue, Limonite Avenue and Pats Ranch Road, Landon Drive and Wineville Avenue, at Distribution Line Relocations #7 and #8, and Goose Creek Golf Club
MM REC-05: Maintain Access to Equestrian Trails. SCE shall maintain access to primary and secondary equestrian trails within the Equestrian Lifestyle Protection Overlay. Where closure of equestrian trails is necessary, SCE shall provide detours and appropriate signage to notify users of construction activities.	• **Prior to Construction:** N/A • **During Construction:** SCE maintains access to equestrian trails and posts signage as needed • **Following Construction:** N/A	68th Street between Limonite Avenue and Lucretia Avenue
Transportation and Traffic		
EPE TRANS-01: Minimize Street Use. Construction activities would be designed to minimize work on, or use of, local streets.	• **Prior to Construction:** N/A • **During Construction:** Minimize construction activity on local streets • **Following Construction:** N/A	Proposed Project alignment
EPE TRANS-02: Incorporate Protective Measures. Any construction or installation work requiring the crossing of a local street, highway, or rail line would incorporate the use of guard poles, netting, or similar means to protect moving traffic and structures from the activity. If necessary to ensure the safety of construction crews and the traveling public on state highways, continuous traffic breaks operated by the California Highway Patrol would be planned and provided.	• **Prior to Construction:** N/A • **During Construction:** Incorporate the use of protective measures when construction or installation crosses streets, highways or rail lines • **Following Construction:** N/A	Proposed Project alignment
EPE TRANS-03: Prepare Traffic Control Plans. Traffic control and other management plans would be prepared to minimize project impacts on local streets. Traffic control and other management plans would be prepared to minimize proposed project impacts on local streets and bike lanes, railroad operations (Union Pacific, Metrolink), emergency services, transit bus operations, recreation facilities, school bus operations and other planned roadway projects. The plans would be developed in collaboration with the responsible agencies of these transportation modes, programs, and projects. The plans will include provisions to accommodate emergency response vehicles at all times, such as immediately stopping work for emergency vehicle passage, short detours, and alternate routes.	• **Prior to Construction:** Prepare Traffic Management Plans • **During Construction:** Implement Traffic Management Plans • **Following Construction:** N/A	Proposed Project alignment
EPE TRANS-04: Repair Damaged Streets. Any damage to local streets caused as a result of project construction would be repaired and restored to preconstruction conditions.	• **Prior to Construction:** N/A • **During Construction:** N/A • **Following Construction:** Repair damage to local streets caused by construction	Proposed Project alignment
MM TRANS-01: Maintain Access (from 2013 RTRP EIR). Arterials, straight alignments; residential streets, roadway with specific access need (fire station, hospital/medical facility, school bus) - Provide construction closures that keep at least one lane of traffic open in each direction of travel at all times, or provide adequate lane capacity to generally provide a good level of service (maintain within bounds of current level of service) in traffic operations.	• **Prior to Construction:** Post construction closures notices prior to road closures • **During Construction:** Maintain at least one lane of traffic open in each direction of travel • **Following Construction:** N/A	Arterial, straight alignments, residential streets, roadways with specific access need
MM TRANS-02: Avoid Peak-Period Construction (from 2013 RTRP EIR). To minimize traffic congestion and delays during construction, RPU and SCE shall restrict all necessary lane closures or obstructions on major roadways (i.e., Congestion Management Plan roadways) associated with project construction activities to off-peak periods. Lane closures shall be avoided during the 6:00 a.m. to 9:00 a.m. timeframe and the 3:30 to 6:30 p.m. timeframe, or as otherwise defined within the TMPs.	• **Prior to Construction:** N/A • **During Construction:** Restrict lane closures and other obstructions on CMP roadways to off-peak periods • **Following Construction:** N/A	Construction of the underground 230-kV transmission line within Limonite Avenue

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM TRANS-02A: Avoid Peak-Period Closures and Obstructions on All Roadways. To minimize traffic congestion and delays during construction of the underground 230-kV transmission line, SCE shall schedule all necessary road or lane closures or obstructions on all roadways associated with project construction activities during off-peak periods. Road and lane closures shall be avoided during the 6:00 a.m. to 9:00 a.m. timeframe and the 3:30 to 6:30 p.m. timeframe, or as otherwise defined within CPUC and City-approved traffic control plans.	• **Prior to Construction:** N/A • **During Construction:** Restrict road and lane closures and other obstructions on all roads to off-peak periods • **Following Construction:** N/A	Construction of the underground 230-kV transmission line
MM TRANS-03: Minimize Roadway Closures (from 2013 RTRP EIR). Construction activities shall be designed to minimize work on, or use of, roadways crossed by the project corridor(s). This would be accomplished through limiting construction vehicle and equipment operations to identified disturbance sites (pad areas, access roads and staging areas) and by maintaining sock lines and conductors well above roadways during stringing operations.	• **Prior to Construction:** N/A • **During Construction:** 1) Limit construction vehicle and equipment operations to identified disturbance sites; 2) Maintain sock lines and conductors well above roadways during stringing • **Following Construction:** N/A	All roadways crossed by the project corridors
MM TRANS-04: Bus Transit Route (from 2013 RTRP EIR). Provide construction closures that keep at least one lane of traffic open with reversible flow (via flagmen) during times of transit line operation, unless an adequate detour route can be found within 0.25 mile of the closure point.	• **Prior to Construction:** N/A • **During Construction:** (1) Maintain one lane of traffic open with reversible flow, or (2) Provide an adequate detour route within 0.25 mile • **Following Construction:** N/A	Underground 230-kV transmission line alignment along bus routes
MM TRANS-05: Roadway with Class I or Class II Bicycle Facility (from 2013 RTRP EIR). Provide construction closures that allow for continued bicycle access within the existing facilities during all times, or provide a safe diversion of the bicycle facility around the construction zone.	• **Prior to Construction:** N/A • **During Construction:** (1) Either permit bicycle access through Pats Ranch Road/ Limonite Avenue during lane closures crossing this intersection, or (2) Provide a safe diversion of the bicycle facility around the construction zone • **Following Construction:** N/A	Limonite Avenue approaching the intersection with Pats Ranch Road from the west
MM TRANS-06: Prepare Traffic Control Plans. Prior to the start of construction, SCE shall prepare and submit Motorized and Non-Motorized Traffic Control Plans (TCPs) to the CPUC for review and approval at least 60 days prior to commencing construction activities. The plans shall be prepared in consultation with all agencies with jurisdiction (e.g., City of Jurupa Valley) over public roads that would be directly affected by construction activities (where road closures or encroachments would be necessary). At a minimum, the TCPs shall include the following details and traffic control measures: • **Lane and Road Closures** - Details regarding the locations and timing of all temporary road and lane closures. - Implement standard safety practices, including installation of appropriate barriers between work zones and transportation facilities, placement of appropriate signage, cones, and use of traffic control devices. - Designate traffic detours for any road or lane closures with appropriate signage marking the detours. • **Construction Traffic** - Time worker commutes and material deliveries to avoid peak (AM and PM) commuting hours. - Workers shall carpool to and from work sites and Etiwanda Marshalling Yard. - Plans for construction worker parking and transportation to work sites. • **Traffic Safety** - Use flaggers and/or signage to guide vehicles through or around construction zones using proper techniques for construction activities including staging yard entrance and exit. - Store all equipment and materials in designated work areas in a manner that minimizes traffic obstructions and maximizes sign visibility. - Limit vehicles to safe speed levels according to posted speed limits, road conditions, and weather conditions. - Route trucks to avoid minor roads, where possible, to reduce congestion and potential asphalt damage. • **Encroachment Permit** - Abide by encroachment permit conditions, which shall supersede conflicting provisions in the TCP. • **Notification**	• **Prior to Construction:** (1) Prepare Motorized and Non-Motorized TCPs, (2) Submit TCPs to the CPUC and City of Jurupa Valley • **During Construction:** Implement the traffic control measures detailed in the TCPs • **Following Construction:** N/A	Underground 230-kV transmission line construction work areas and traffic routes

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
- SCE shall notify local emergency personnel (i.e., fire departments, police departments, ambulance, and paramedic services), residents within 300 feet, and schools providing school bus service in the area (i.e., Troth Elementary and Louis Vandermolen Fundamental Elementary) at least 7 days prior to lane or road closures. The notice shall include location(s), date(s), time(s), and duration of closure(s), and a contact number for SCE project personnel. • **Access** - Emergency access procedures shall be defined. SCE shall be ready at all times to accommodate emergency vehicles by immediately stopping work for emergency vehicle passage, providing short detours, or providing alternate routes developed in conjunction with local agencies. - SCE shall maintain travel through intersections at all times during construction, operation, and maintenance. - SCE or its construction contractors shall provide the ability to lay a temporary steel plate trench bridge upon request of the property owner in order to ensure reasonable driveway access to businesses and residences adjacent to work areas during construction hours, and shall provide continuous access to adjacent properties when not actively constructing the underground 230-kV transmission line. In the event of an emergency, steel plating shall be placed over underground work areas and vehicles/equipment shall be removed from the partially or fully closed roadways to the greatest extent feasible, as needed, to permit uninterrupted traffic flow. SCE or its construction contractor shall designate a job site manager responsible for ensuring emergency access. All workers shall be trained in emergency access procedures.		
MM TRANS-07: Post-Construction Road and Sidewalk Repair. SCE shall conduct a pre-construction road and sidewalk condition assessment along roadways and sidewalks along the underground alignment and construction traffic routes, prior to construction. The pre-construction road and sidewalk condition assessment shall include photographs or a video recording along the construction route public roads within 500 feet in each direction of project access points and roadways where the road surface would be damaged by project-related trenching and digging. SCE shall submit the pre-construction road and sidewalk condition assessment to the CPUC and the City of Jurupa Valley no less than 30 days prior to construction. Following construction, SCE shall conduct a post-construction road and sidewalk condition assessment along 68th Street, Pats Ranch Road, Limonite Avenue, Wineville Avenue, Cantu-Galleano Ranch Road, and Etiwanda Avenue. If damage to roads occurs as a result of project construction or construction traffic, SCE shall restore damaged roadways and sidewalk (e.g., asphalt, curbs, and gutters) within 60 days after the completion of construction to a pre-construction condition, based on the pre-construction road and sidewalk condition assessment, or to a condition agreed upon by SCE and the roadway owner, at their own expense.	• **Prior to Construction:** Submit pre-construction road and sidewalk condition assessment covering applicable roadways to the CPUC and the City of Jurupa Valley no less than 30 days prior to construction • **During Construction:** N/A • **Following Construction:** (1) Conduct a post-construction road and sidewalk condition assessment along applicable roadways, (2) If damage is found, repair of damaged roadways and sidewalks will occur within 60 days of completion	Underground 230-kV transmission line construction work areas and traffic routes
MM TRANS-08: Public Transit, Bicycle, Equestrian, and Pedestrian Facilities. The following measures shall be implemented during construction, operation and maintenance of the underground 230-kV transmission line: • SCE shall coordinate with Riverside Transit Authority to re-locate bus stops and/or re-route affected transit services via parallel streets during construction when affected transit service is subject to delays resulting from partial street closure or inaccessible transit stops due to full street closure. • SCE shall post signs at the affected bus stops on Pats Ranch Road and Limonite Avenue. The signs shall be posted at least 2 weeks in advance of road or lane closures and shall indicate when the bus stops along Pats Ranch Road or Limonite Avenue would be unavailable and where the nearest bus stop for RTA bus lines 29 or 3 is located. • SCE shall post signs at pedestrian/equestrian intersections at least 2 weeks in advance of construction that are anticipated to be affected by closures and/or detours. These signs shall state the date range of construction and shall indicate the route of pedestrian/equestrian detours during construction. • Warning signs shall be posted on sidewalks/trails where construction limits pedestrian/equestrian access and to identify which side of the street can be safely accessed at intersections prior to construction zones. • SCE or its construction contractors shall use "share the road" signs within the construction zones where partial closures would occur; obtain a temporary permit to allow bicyclists to use the sidewalks to bypass the construction zones where allowed by the local jurisdiction; and provide clear signs using the bicycle symbol to guide bicyclists to detour routes.	• **Prior to Construction:** (1) Coordinate with the Riverside Transit Authority to re-locate bus stops and/or re-route affected transit services, (2) Post signs 2 weeks prior to construction, at bus stops and pedestrian/equestrian intersections that will be affected by closures and/or detours, (3) Notices will provide information regarding the duration of closure and detour/alternate routes, (4) Obtain a permit, if feasible, to allow bicyclists to use sidewalks to bypass construction areas • **During Construction:** (1) Erect "share the road" signs within construction zones where partial closures will occur, (2) Post signs informing pedestrians/equestrians of upcoming areas with limited pedestrian/equestrian access to permit safe crossing at intersections • **Following Construction:** N/A	Underground 230-kV transmission line alignment
Public Services and Utilities		
EPE UTIL-01: Disposal of Construction Waste Material. Recyclable construction waste materials shall be recycled. Non-recyclable waste materials shall be categorized and disposed of at a licensed location.	• **Prior to Construction:** N/A • **During Construction:** Recycle construction materials; categorize and dispose of non-recyclable waste materials at a licensed location • **Following Construction:** N/A	Proposed Project alignment
EPE UTIL-02: Irrigation. Substation landscaping shall be planted in accordance with a landscaping and irrigation plan. The plan shall incorporate the use of drought tolerant, low maintenance and, to the extent possible, native plants to conserve water. This EPE does not address revegetation requirements from ground disturbance associated with temporary work areas as set forth in other EPEs or mitigation measures elsewhere in this DEIR (2013 RTRP EIR).	• **Prior to Construction:** Prepare a Landscaping and Irrigation Plan • **During Construction:** Implement Landscaping and Irrigation Plan • **Following Construction:** N/A	Substations

Environmental Protection Element/Mitigation Measure	Performance Standard and Timing	Location
MM UTIL-01: Notify Utility Companies and Adjust Underground Work Locations. SCE shall notify all utility companies with utilities located within or crossing SCE ROW and franchise agreement areas to locate and mark existing underground utilities along the entire length of the overhead and underground 230-kV transmission line alignments at least 30 days prior to construction. No subsurface work shall be conducted that would conflict with (i.e., directly impact or compromise the integrity of) a buried utility. Conflicts shall be identified and addressed with the affected utility during final engineering. In the event of a conflict, the Project alignment shall be realigned vertically and/or horizontally, as appropriate, to avoid other utilities and provide adequate operational and safety buffering. SCE shall provide CPUC with documentation of contact and response from the utility companies prior to construction. SCE shall also provide documentation of any changes in the Project alignment for review and approval at least 30 days prior to construction.	• **Prior to Construction:** (1) SCE notifies utility companies at least 30 days prior to construction, (2) Existing underground utilities are marked within the Project alignment, (3) SCE provides CPUC with documentation of contact and response from the utility companies, and documentation of any changes in the Project alignment • **During Construction:** Underground utilities are avoided, and the integrity of existing underground utilities is maintained • **Following Construction:** N/A	Project transmission line alignments included in the CPCN.
MM UTIL-02: Public Notification of Utility Service Interruption. Prior to construction in which a utility distribution service interruption is known to be unavoidable, SCE shall notify members of the public affected by the planned outage at least 10 calendar days prior to the impending interruption for residential and commercial outages. Copies of the notices and dates shall be provided to the CPUC at the time the notices are distributed to the public. In the event of an unforeseen utility service disruption, SCE shall immediately notify the CPUC and affected utility company/companies to determine appropriate actions.	• **Prior to Construction:** N/A • **During Construction:** SCE notifies members of the public and the CPUC at least 10 days prior to pending service interruption • **Following Construction:** N/A	Project overhead and underground alignments included in the CPCN.
MM UTIL-03: Cathodic Protection. During final engineering SCE shall determine and report to CPUC the location of adjacent utilities. If SCE identifies utilities in proximity of the 230-kV transmission line that may be susceptible to corrosion due to induced currents or voltages, SCE shall conduct an alternating current interference study that evaluates the alternating current interference effects of the proposed 230-kV transmission line on nearby parallel metallic pipelines. The study shall include the development of a model using the maximum anticipated voltage for the proposed transmission line and shall consider the construction specifications for the transmission line, including conductor arrangement. For all utilities identified with a corrosion potential, SCE shall coordinate with the owner of the utility and use data gathered in the alternating current interference study to determine appropriate design measures to protect the pipeline from corrosion, such as ground mats or gradient control wires for cathodic protection of the buried utility pipelines. The study, summary of coordination with potentially affected utilities, and specifications of any design measures to be installed shall be submitted to the CPUC for review and approval at least 60 days prior to initiation of construction. If there are no utilities identified with a corrosion potential, as verified by the CPUC, no alternating current interference study or cathodic protection mitigation is required.	• **Prior to Construction:** Interference Study Report shall be submitted to the CPUC 60 days prior to construction • **During Construction:** SCE coordinates with the owner of the utility to implement appropriate design measures • **Following Construction:** N/A	Project underground alignment included in the CPCN.

Note: Changes marked in red have been made to clarify EPEs and MMs from the 2013 RTRP EIR and Final Subsequent EIR.

Attachment 3: MMCRP Appendix C: Permits and Authorizations Tracking

Table C-1 Permits and Authorizations Tracking

Permit/Authorization	Purpose and Authority	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		Status/Notes
				Submitted	Approved/Accepted	
Required Prior to All Construction Activities						
CPUC Certificate of Public Convenience and Necessity (CPCN)	CPUC authorization to construct the project *CPUC General Order (GO) 131-D, Section III.B*	GO 131-D	SCE obtained a CPCN from CPUC (as issued through the CPUC Proceeding Decision).	**SCE:** 3/12/2020	**CPUC:** 3/12/2020	**Approved**
			*SCE shall submit any requests for Minor Project Refinements (MPRs) or Petitions for Modification (PFMs), as needed, **prior to deviating from the CPUC-approved project**.	***CPUC:** TBD	***CPUC:** TBD	**Ongoing** MPR #1 for Mira Loma Substation Yard approved on 5/8/2025
City of Jurupa Valley Superior Easement	Construction activities of permanent utilities within City of Jurupa Valley roadways	CPUC Decision 20-03-001	SCE shall acquire the superior easement and provide a copy to CPUC **prior to construction commencement**	N/A	**City:** 3/2/2022	**Approved**
State Water Resources Control Board (SWRCB) General Permit	Permit for discharging stormwater associated with construction and land disturbance activities of one acre or more *Order No. 2009-0009-DWQ, as amended by 2010-0014-DWQ and 2012-0006-DWQ* The General NPDES Permit requires preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) (refer to Table C-2)	MMCRP	SCE shall submit Permit Registration Documents (PRDs) (e.g., Notice of Intent [NOI], etc.) **once obtained from the SWRCB.**	**SWRCB:** Pending **CPUC:** Pending	**SWRCB:** Pending **CPUC:** N/A	**Pending** Required prior to any construction stockpiling or ground disturbance
			SCE shall submit all Notice of Termination (NOT) forms to CPUC **once SWPPP requirements have been met and permit coverage has ended.**	**SWRCB:** Pending **CPUC:** Pending	**SWRCB:** Pending **CPUC:** N/A	**Pending** Required following construction
Required Prior to Transportation of Equipment and Materials for Construction Activities						
Caltrans Transportation Permit	Movement of oversized or excessive load vehicles on the state transportation network *California Vehicle Code*	MMCRP	SCE shall acquire the permit and provide a copy to CPUC **prior to transportation of oversized equipment on the state transportation network.**	**Caltrans:** Pending **CPUC:** Pending	**Caltrans:** Pending **CPUC:** N/A	**Pending**
City of Riverside Encroachment Permits	Construction activities within City of Riverside roadways not covered by existing franchise agreements *City of Riverside Code of Ordinances Chapter 13.08-Permits*	MM TRANS-06	SCE shall acquire the permit and provide a copy to CPUC **prior to work within City roadways.** *Multiple encroachment permits are anticipated due to various work locations and short duration of encroachment permit coverage.*	**City:** Pending **CPUC:** Pending	**City:** Pending **CPUC:** N/A	**Pending** Will be secured by contractor prior to need/street closure
City of Jurupa Valley Encroachment Permits	Construction activities within City of Jurupa Valley roadways not covered by existing franchise agreements *Jurupa Valley Municipal Code Chapter 13.10 Excavations and Encroachments on City Highways*	MM TRANS-06	SCE shall acquire the permit and provide a copy to CPUC **prior to work within City roadways.** *Multiple encroachment permits are anticipated due to various work locations and short duration of encroachment permit coverage.*	**City:** 5/15/2025 **CPUC:** N/A	**City:** 5/16/2025 **CPUC:** N/A	**Approved**

Permit/Authorization	Purpose and Authority	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		Status/Notes
				Submitted	Approved/Accepted	
Required Following Specific Discoveries/Determinations						
***United States (U.S.) Army Corps of Engineers (USACE) Section 404 Nationwide Permit**	Work in waters of the U.S., including wetlands *Section 404 of the Clean Water Act*	EPE HYDRO-01	*SCE shall acquire a permit and provide a copy to CPUC **prior to impacting waters of the U.S., including wetlands.**	***USACE:** TBD ***CPUC:** TBD	***USACE:** TBD ***CPUC:** N/A	**TBD** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE would be required to obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***RWQCB Section 401 Water Quality Certification**	Consistency with state water quality standards, prior to issuance of a USACE Section 404 Permit. *Section 401of the Clean Water Act*	EPE HYDRO-01	*SCE shall obtain a 401 Permit prior to obtaining a Section 404 Permit from USACE, and provide a copy of the permits to CPUC **prior to impacting waters of the U.S.**	***RWQCB:** TBD ***CPUC:** TBD	***RWQCB:** TBD ***CPUC:** N/A	**TBD** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE would be required to obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration Agreement**	Regulates activities that affect waters of the state, including the bed or bank of such features *Fish and Game Code Section 1602*	EPE HYDRO-01	*SCE shall acquire any permit and provide a copy to CPUC **prior to impacting waters of the state.**	***CDFW:** TBD ***CPUC:** TBD	***CDFW:** TBD ***CPUC:** N/A	**TBD** Impacts to jurisdictional water features will be avoided and permitting requirements are not anticipated. SCE would be required to obtain the necessary permits if any impact to a jurisdictional water feature becomes anticipated.
***Riverside County Flood Control and Water Conservation District**	Regulates floodplain and drainage development of the Santa Ana River	EPE HYDRO-01	SCE shall acquire any permit and provide a copy to CPUC **prior to impacting the Santa Ana River floodplain.**	***RCFCWCD:** TBD ***CPUC:** TBD	***RCFCWCD:** TBD ***CPUC:** N/A	**TBD-Pending**
***U.S. Fish and Wildlife Service (USFWS) Section 10 Incidental Take Permit under the MSHCP**	Regulates impacts on federally-listed, threatened, or endangered plants and animals, and the habitats upon which they depend. *Section 10 of the Endangered Species Act*	MM BIO-01 and MM BIO-01A	*SCE shall acquire permits and provide copies to CPUC **prior to any incidental take of federally-listed species or federally-protected habitat**.	***USACE:** TBD ***CPUC:** TBD	***USFWS:** TBD ***CPUC:** N/A	**TBD** SCE would be required to obtain the necessary permits if special-status species are discovered during pre-construction surveys or during construction clearances.
***CDFW Section 2081(b) Incidental Take Permits or Consistency Determination under the MSHCP**	Impacts on state-listed, threatened, or endangered species, and the habitats upon which they depend *Fish and Game Code Section 2081(b)*	MM BIO-01 and MM BIO-01A	*SCE shall acquire any permits and provide copies to CPUC **prior to any incidental take of state-listed species or state-protected habitat.**	***CDFW:** TBD ***CPUC:** TBD	***CDFW:** TBD ***CPUC:** N/A	**TBD** SCE would be required to obtain the necessary permits if special-status species are discovered during pre-construction surveys or during construction clearances.

Notes:

[a] All project permits, and authorizations provided by other agencies, must be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of project permits and authorizations, if necessary.

* Requirements marked with an asterisk are only applicable under specified conditions described in the Status/Notes column.

Table C-2 Plans Tracking

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		Status
			Submitted	Approved/Accepted	
Required Prior to All Construction Activities					
Worker Environmental Awareness Program (WEAP) Training Materials	MM BIO-05 MM CUL-02C	SCE shall submit all WEAP materials to CPUC for review and approval **prior to the start of construction.**	**CPUC:** 10/13/2021 5/27/2025	**CPUC:** 6/3/2025	**Approved**
Fugitive Dust Control Plan	MM AQ-01	A draft Fugitive Dust Control Plan shall be submitted to the CPUC for review and approval **at least 30 days prior to the initiation of construction**.	**CPUC:** 10/13/2021	**CPUC:** 2/3/2022	**Approved**
Worker Carpool Program	MM AQ-02	SCE or its contractor shall develop a program and require construction workers to carpool to construction sites.	**CPUC:** 5/14/2025	**CPUC:** 5/15/2025	**Accepted**
Weed Control Plan	MM BIO-09A	The Weed Control Plan shall be submitted to the CPUC for review and approval **at least 30 days prior to construction.** Qualification requirements associated with the Weed Control Plan are summarized in Table C-5 below.	**CPUC:** 12/15/2022	**CPUC:** 2/13/2025	**Approved (for Underground Only – See Remarks)** Weed Inventory for underground portion as part of NTP #1 approved on 5/27/2025.
Cultural Resources Monitoring and Treatment Plan (CRMTP), Paleontology Resources Monitoring and Treatment Plan (PRMP)	MM CUL-02B	A CRMTP shall be combined with the Construction Monitoring and Unanticipated Cultural Resources Discovery Plan and shall be submitted **at least 30 days prior to construction** to consulting tribe(s) for review, and the CPUC for review and approval.	**CPUC:** 3/17/2022	**CPUC:** CRMTP: 2/7/2025 PRMP: 12/10/2024 **Tribes:** No comments have been received by the Gabrieleno Band of Mission Indians or the Pechanga Band of Luiseño Indians.	**Approved**
Final Construction Plans	MM CUL-02E	SCE shall submit final construction plans to the CPUC and consulting tribes **at least 60 days prior to construction** for evaluation of potential cultural resource conflicts are evaluated per MM CUL-02B. Revised construction plans submitted to CPUC for confirmation of incorporate changes at least 14 days prior to construction.	**CPUC:** 12/17/24 – 1/17/2025 and 5/22/2025 – 5/27/2025 **Tribes:** 12/17/2024 – 1/17/2025	**CPUC:** 5/27/2025	**Accepted (for Underground Only – See Remarks)** Final Construction Plans for underground portion as part of NTP #1 accepted on 5/27/2025.

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		Status
			Submitted	Approved/Accepted	
Traffic Control Plans	MM TRANS-06	SCE shall prepare and submit Motorized and Non-Motorized Traffic Control Plans (TCPs) to the CPUC for review and approval **at least 60 days prior to commencing construction activities.**	**CPUC:** 11/17/2024 Submitted plans include Traffic Management Plan and Transportation Existing Conditions Plan	**CPUC:** Pending	**Pending** Required prior to any work that occurs within City streets, including any lane or road closures or detours; SCE anticipates that multiple TCPs will be required as work progresses along the alignment. The first TCP is being prepared and will be submitted to CPUC. Traffic Management Plan Accepted 4/28/2025
Fire Prevention and Management Plan	MM HAZ-03	A fire prevention and management plan shall be developed and applicable fire laws and regulations would be observed during the construction period.	**CPUC:** 5/8/2025	**CPUC:** 5/13/2025	**Accepted**
Stormwater Pollution Prevention Plan (SWPPP)	MMCRP EPE HAZ-03	A Qualified SWPPP Developer (QSD) shall prepare a SWPPP for the project in accordance with the SWRCB General Permit (refer to Table C-1). The SWPPP shall be implemented **prior to the start of construction**.	**CPUC:** Pending	**CPUC:** N/A	**Pending** Required prior to any construction stockpiling or ground disturbance; to be prepared and implemented prior to the start of construction
Spill Prevention, Countermeasure and Control (SPCC) Plan	EPA's Oil Pollution Prevention regulation (40 CFR part 112) EPE HAZ-03	Facilities with a total above-ground oil storage capacity of greater than 1,320 gallons prepare SPCC to prevent oil spills from reaching Waters of the U.S. In accordance with Title 40 of the CRF, Part 112, a SPCC shall be prepared **prior to the start of substation operation** and include engineered and operational methods for preventing, containing, and controlling potential releases, and provisions for safe cleanup and reporting.	**CPUC:** Pending	**CPUC:** N/A	**Pending – Not Required for NTP #1 Activities** Required prior to substation operation
Hazardous Materials Business Plans (HMBPs)	EPE HAZ-03	**Prior to the start of operation**, a HMBP shall be prepared or updated and submitted, in accordance with Chapter 6.95 of the CHSD, and Title 22 CCR.	**CPUC: Pending**	**CPUC: Pending**	**Pending – Not Required for NTP #1 Activities** Required prior to substation operation
Construction Safety Lighting Plan	EPE AES-08	Prepare a Construction Safety Lighting Plan **prior to construction.**	**CPUC:** Pending	**CPUC:** Pending	**Pending** Required prior to use of any construction lighting; submitted by contractor and required prior to any activity that would require construction lighting
Health and Safety Plan	EPE HAZ-01	A health and safety plan to address site-specific health and safety issues would be prepared and implemented.	**CPUC:** 5/14/2025	**CPUC:** 5/15/2025	**Accepted**

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		Status
			Submitted	Approved/Accepted	
Hazardous Materials Management and Hazardous Waste Management Program	EPE HAZ-01	A project-specific Hazardous Materials Management and Hazardous Waste Management Program would be developed prior to initiation of the project.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved** Submitted as part of the Hazardous Substance Control and Emergency Response Plan (9/5/2024)
Emergency Response Plan	EPE HAZ-01	An Emergency Response Plan detailing responses to releases of hazardous materials would be developed prior to construction activities.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved (for Underground Only – See Remarks)** **Emergency Release Response Form is required to be completed with each NTPR** This plan is included in the Hazardous Substance Control and Emergency Release Response Plan dated 9/5/2024. NTPR packages should include site-specific information regarding emergency evacuation procedures per Section 2.3 of the Hazardous Substance Control and Emergency Release Response Plan. Forms in Appendix A and B should be included with NTPRs. Appendix D should be updated to include contractor information.
Soil Management Plan	EPE HAZ-02	The Soil Management Plan would provide guidance for the proper handling, on site management, and disposal of impacted soil that might be encountered during construction activities.	**CPUC:** 12/15/2022	**CPUC:** 9/5/2024	**Approved** This plan is included with Hazardous Substance Control and Emergency Response Plan
Required Following Specific Discoveries/Determinations					
***Determination of a Biologically Equivalent or Superior Preservation (DBESP)**	MM BIO-15	SCE shall submit the determination to the CPUC for review and approval **at least 90 days before construction in riparian areas.**	**CPUC:** TBD	**CPUC:** TBD	**TBD**
Paleontological Monitoring Resources and Treatment Plan (PRMTP)	MM CUL-04A	A qualified paleontologist shall prepare a PMTP with specifications for excavations within the project area and part-time monitoring of ground-disturbing activities that occur in areas with indeterminate, low, or marginal paleontological sensitivity.	**CPUC:** 1/9/2022	**CPUC:** 12/14/2024	**Approved**

Plan	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [ab]		Status
			Submitted	Approved/Accepted	

Notes:

[a] All project Plans required by other agencies must be submitted to CPUC.

[b] CPUC reserves the right to review and comment on the accuracy and adequacy of all project Plans.

* Requirements marked with an asterisk are only applicable under specified conditions described in the requirement source.

Table C-3 Notifications Tracking

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		Status
				Submitted	Approved/Accepted	
Required Prior to All Construction Activities						
Rule 403 Large Operation Notification	SCAQMD	MM AQ-01	Submit a Rule 403 Large Operation Notification to SCAQMD with a copy provided to CPUC for verification.	**CPUC:** Pending	**CPUC:** N/A	**N/A** SCAQMD determined on 4/30/2025 project not Large Operation and therefore 403 form not required
Fugitive dust signage	The general public	MM AQ-01	A sign shall be posted near the entrance of the facility with a responsible individual's name and phone number in case there are any fugitive dust control issues at the site.	**CPUC:** Pending	**CPUC:** N/A	**Pending** To be provided by construction contractor
General construction noise disturbance	All noise-sensitive receptors within 500 feet all construction	MM NOI-04	SCE shall provide notice by mail **at least 1 week prior to construction activities** to all sensitive receptors and residences within 500 feet of all construction.	**CPUC:** Pending	**CPUC:** N/A	**Pending**
Required Prior to Specific Construction Activities						
Utility distribution service interruption	Members of the public affected by the planned outage	MM UTIL-02	Prior to construction in which a utility distribution service interruption is known to be unavoidable, SCE shall notify members of the public affected by the planned outage **at least 10 calendar days prior to the impending interruption for residential and commercial outages.**	**CPUC:** Pending	**CPUC:** NZ/A	**Pending**
Lane or road closures	Fire departments, police departments, ambulance, and paramedic services, residents within 300 feet, and schools providing school bus service in the area (i.e., Troth Elementary and Louis Vandermolen Fundamental Elementary)	MM TRANS-06	SCE shall notify local emergency personnel, residents within 300 feet, and schools providing school bus service in the area **at least 7 days prior to lane or road closures**.	**CPUC:** Pending	**CPUC:** N/A	**Pending**

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Review/Coordination [a]		Status
				Submitted	Approved/Accepted	
Bus stop closure/detour	Members of the public	MM TRANS-08	SCE shall post signs at the affected bus stops on Pats Ranch Road and Limonite Avenue. The signs shall be posted at least 2 weeks in advance of road or lane closures and shall indicate when the bus stops along Pats Ranch Road or Limonite Avenue would be unavailable and where the nearest bus stop for RTA bus lines 29 or 3 is located.	**CPUC:** Pending	**CPUC:** N/A	**Pending**
Pedestrian or equestrian closure/detour	Members of the public	MM TRANS-08	SCE shall post signs at pedestrian/equestrian intersections at least 2 weeks in advance of construction that are anticipated to be affected by closures and/or detours. These signs shall state the date range of construction and shall indicate the route of pedestrian/equestrian detours during construction.	**CPUC:** Pending	**CPUC:** N/A	**Pending**
Construction activities within recreational areas	Closures would be coordinated with recreational facility owners	MM REC-01	Post notices prior to the closure.	**CPUC:** Pending	**CPUC:** N/A	**Pending**
Required Following Specific Discoveries/Determinations						
*Bats	CPUC, RCA, CDFW	MM BIO-03	* If active bat roost is unavoidable, RPU and SCE would consult with RCA and CDFW and implement their recommendations.	***CPUC:** TBD ***RCA:** TBD ***CDFW:** TBD	***CPUC:** N/A ***RCA:** TBD ***CDFW:** TBD	**TBD**
*Raptors	CPUC, USFWS, CDFW	MM BIO-08	*If active raptor nests are unavoidable, RPU and SCE would consult with the appropriate agencies (USFWS and CDFW) and implement their recommendations.	***CPUC:** TBD ***USFWS:** TBD ***CDFW:** TBD	***CPUC:** N/A ***USFWS:** TBD ***CDFW:** TBD	**TBD**
*Previously undiscovered cultural resources	CPUC; consulting tribe(s)	MM CUL-02B	*If unanticipated cultural resources are discovered during construction, the Qualified Archaeologist, consulting tribe(s), and the CPUC shall be notified.	***CPUC:** TBD ***Tribes:** TBD	***CPUC:** N/A ***Tribes:** TBD	**TBD**
*Previously undiscovered human remains	CPUC; Medical Examiner; NAHC	MM CUL-02D	* In the event that human remains or suspected human remains are identified, the Qualified Archaeologist and SCE shall be **immediately notified**, and the Qualified Archaeologist shall examine the find. If the Qualified Archaeologist determines that there may be human remains, SCE shall **immediately contact** the Medical Examiner at the Riverside County Coroner's office. If the Medical Examiner believes the remains are Native American, he/she shall **notify the NAHC within 24 hours**. If the remains are not believed to be Native American, the appropriate local law enforcement agency shall be notified. The **NAHC shall immediately notify** the person it believes to be the most likely descendant (MLD) of the remains.	***CPUC:** TBD ***Tribes:** TBD	***CPUC:** N/A ***Tribes:** TBD	**TBD**
*Previously undiscovered tribal cultural resources	CPUC; affected tribe(s)	MM CUL-02E	* In the event of an inadvertent discovery, no activities shall be conducted within the boundaries of a known tribal cultural resource until SCE has obtained concurrence on avoidance and minimization methods from affected consulting tribes. The CPUC shall make a final determination if SCE cannot obtain concurrence from the tribes **within 60 days of initial identificatio**n of the potential cultural resource conflict.	***CPUC:** TBD	***CPUC:** N/A	**TBD**

Notes:

[a] Notifications and documentation required by other agencies must also be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of notification materials, if necessary.

* Requirements marked with an asterisk are only applicable under specified conditions described in the requirement source.

Table C-4 Surveys Tracking

Resource/Topic	Requirement Sources	Freq. Before Construction [a]	Freq. During Construction	Freq. After Construction	Status
Western burrowing owl+*	MM BIO-03	Once	--	--	**Pending** All required pre-construction surveys to be performed by the construction contractor
Migratory birds*+	MM BIO-08	Once	No more than two to three days prior to vegetation clearing or ground disturbance during nesting season [b]	--	**Pending**
Western mastiff bat*	MM BIO-03	Once	--	--	**Pending**
Western yellow bat*	MM BIO-03	Once	--	--	**Pending**
Delhi sands flower-loving fly+	MM BIO-14	Once	--	--	**Complete** Submitted to USFWS 10/23/2024
Narrow endemic plants*+	MM BIO-03	Once	--	--	**Pending**
Invasive Weeds*+	MM BIO-09A	Once	Annually from the time construction begins	Annually from the time construction begins until 2 years after construction is complete	**Ongoing** Approved 2/13/2025. Results of invasive weed inventory was negative.
Jurisdictional wetlands*+	MM BIO-10	Once	--	--	**Pending**
Cultural resources*+	MM CUL-01	Once	--	--	**Approved** Approved 2/7/2025
Geotechnical investigation*+	EPE GEO-01	Once	--	--	**Pending**
Roads and sidewalks*+	MM TRANS-07	Once	--	Once	**Ongoing** Pre-construction requirement approved as part of Traffic Management Plan accepted 4/28/2025

Notes:

[a] If construction is delayed for more than 30 days or otherwise specified, pre-construction surveys may need to be repeated, as determined through coordination with CPUC, and potentially USFWS and CDFW.

[b] Surveys shall be conducted from February 15 through August 15.

* From 2013 RTRP EIR

\+ From SFEIR

Table C-5 Specific Personnel Qualification Requirements Tracking

Role	Requirement Source	Qualifications and Submittal Timing
Qualified Biologist	MM BIO-03 MM BIO-08	Refer to the requirement source(s).
Weed Control Treatment Developer	MM BIO-09A	Refer to the requirement source(s).
Licensed Qualified Herbicide Applicator	MM BIO-09A	Refer to the requirement source(s).

Role	Requirement Source	Qualifications and Submittal Timing
Qualified Archaeologist	MM CUL-02 MM CUL-02A MM CUL-02B MM CUL-02D	Refer to the requirement source(s).
Qualified Archaeological Monitor	MM CUL-02B	Refer to the requirement source(s).
Tribal Cultural Monitor	MM CUL-02B	Refer to the requirement source(s).
Qualified Paleontologist	MM CUL-03 MM CUL-04 MM CUL-04A MM CUL-05 MM CUL-08	Refer to the requirement source(s).
Qualified Paleontological Monitor	MM CUL-03 MM CUL-04 MM CUL-04A MM CUL-05	Refer to the requirement source(s).
Qualified HAZWOPER Worker	MM HAZ-01	Refer to the requirement source(s).

Table C-6 Specific SCE Reporting Requirements Tracking

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
		Before Construction		
Pre-Activity Study Report (vegetation impacts)	Pre-Activity Study Report is provided to CPUC **at least 30 days prior to construction. The Pre-Activity Study Report may be prepared and submitted with each Notice to Proceed request.**	MM AES-01	Report shall include: description of work location, size, equipment, and methods required for project activities that may disturb vegetation; map of work area location; documentation of surrounding land uses; photographs of the area to be disturbed; documentation of vegetation types, species, and quantity to be removed; proposed landscape revegetation plans; and records of communication with landowners indicating approval of revegetation plans.	**Approved (for Underground Only – See Remarks)** To be provided by construction contractor
Calculation evidence for off-road equipment, as needed	Submit calculation evidence to the CPUC for review **at least 2 weeks prior to use of off-road equipment that does not meet Tier 4 emissions standards.**	MM AQ-02	SCE or the contractor may be allowed to operate off-road equipment that does not meet Tier 4 emissions standards if SCE provides calculation evidence that use of the equipment will not cause an exceedance of SCAQMD significance thresholds. SCE must make a due diligence search to find and use equipment with the Tier 4 emissions standards or the highest emissions standards available. Circumstances where this may be applicable are limited to the following situations: (1) the equipment is specialty or unique and cannot be found with a Tier 4 engine (e.g., sag cat with three winches, PM10 street sweepers); (2) the equipment is not in use for more than 5 days total; and/or (3) the equipment is registered under CARB's Statewide Portable Equipment Registration Program.	**Accepted** On 6/5/2025 contractor provided CPUC confirmation of compliance with Tier 4 emission standards, agreed to equip applicable equipment with BACT devices, and committed to maintaining compliance records for review upon request
Overlap of Construction Activities	Submit final construction schedule to the CPUC for review at least **2 weeks prior to construction.**	MM AQ-03	The final project construction schedule shall be coordinated to ensure that the Conductor Installation activity shall not occur simultaneously with the TSP Foundation Installation and TSP Erection activities. Furthermore, air pollutant emissions generated during construction of SCE project components shall be calculated with those from construction of the RPU components of the RTRP to determine which components can overlap without exceeding the peak daily SCAQMD significance thresholds. The final construction schedule and calculation evidence that the overlapping RTRP components do not exceed SCAQMD significance thresholds shall be provided to the CPUC at least 2 weeks prior to construction.	**Accepted for NTP #1** Estimated emission calculation schedule submitted and accepted 6/5/2025

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
Limitation of Daily Construction Vehicles and Equipment Use	Submit calculation evidence to the CPUC for review at least **2 weeks prior to construction.**	MM AQ-04	The following equipment limitations apply to the identified construction activities: • Vault Installation - No more than 38 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 20 worker vehicles, in any one day • Duct Bank Installation - No more than 30 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 20 worker vehicles, in any one day • Underground Cable Installation - No more than 7 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 10 worker vehicles, in any one day • Cable Terminating - No more than 5 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 8 worker vehicles, in any one day • Cable Splicing - No more than 8 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, and 16 worker vehicles, in any one day • Jack and Bore (trenchless) - No more than 12 vehicles/equipment may be operating on an active work site, including truck trips providing materials to and from the work site, in any one day.	**Accepted for NTP #1** Daily equipment use schedule submitted and accepted 6/5/2025
Determination of a Biologically Equivalent or Superior Preservation Report	Determination of a Biologically Equivalent or Superior Preservation (DBESP) Report is prepared **at least 90 days prior to construction** within riparian habitat areas. Prior to approval of Biologically Equivalent or Superior Preservation Determinations, Wildlife Agencies and CPUC are notified and **provided a 60-day review and response period.**	MM BIO-15	Report shall include: quantification of unavoidable impacts to riparian/riverine areas associated with the project, including direct and indirect effects; a written description of project design features and mitigation measures that reduce indirect effects, such as edge treatments, landscaping, elevation difference, minimization and/or compensation through restoration or enhancement; and a finding demonstrating that although the Proposed Project would not avoid impacts, with proposed design and compensation measures, the project would be biologically equivalent or superior to that which would occur under an avoidance alternative without these measures.	**Pending** Required prior to work in riparian habitat
Geotechnical Study Report	Geotechnical Study Report is submitted to CPUC no less **than 60 days prior to construction.**	EPE GEO-01	Identify site-specific soils and geologic conditions	**Accepted**
Pre-Construction Road and Sidewalk Condition Assessment	Pre-Construction Road and Sidewalk Condition Assessment is submitted to CPUC and the City of Jurupa Valley **no less than 30 days prior to construction. The pre-construction assessments may be prepared and submitted with each Notice to Proceed request.**	MM TRANS-07	Pre-construction road and sidewalk condition assessment along roadways and sidewalks along the underground alignment and construction traffic routes. The pre-construction road and sidewalk condition assessment shall include photographs or a video recording along the construction route public roads within 500 feet in each direction of project access points and roadways where the road surface would be damaged by project-related trenching and digging.	**Accepted (for Underground Only – See Remarks)** Submitted as part of Pre-Activity Survey Report on 5/22/2025

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
		During Construction		
Equipment air quality documentation	Provide air quality documentation for each applicable unit of equipment at the time of mobilization.	MM AQ-02	During Project construction, all off-road diesel-powered construction equipment greater than 50 hp shall meet the Tier 4 emission standards. In addition, all construction equipment shall be outfitted with Best Available Control Technology (BACT) devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations (i.e., if Project construction goes beyond the anticipated schedule). A copy of each unit's certified tier specification, BACT documentation, CARB or SCAQMD operating permit, and Truck Regulation Upload, Compliance and Reporting System receipt shall be provided to the CPUC at the time of mobilization for each applicable unit of equipment.	**Ongoing** Prior to Construction compliance component satisfied: on 6/5/2025 contractor provided CPUC confirmation of compliance with Tier 4 emission standards, agreed to equip applicable equipment with BACT devices, and committed to maintaining compliance records for review upon request
Monthly Environmental Training Program (ETP) Logs	Information collected daily and submitted to CPUC **monthly** during construction.	EPE AQ-02 MM BIO-05 MM CUL-02C EPE HAZ-01 EPE HAZ-04 MM HAZ-03	Training logs and sign-in sheets for staff who have participated in the ETP, including their training level (refer to Section 2.2.4).	**Pending** To be provided by construction contractor
Nesting Bird Reports [b]	Information collected daily/as needed and submitted to CPUC **monthly** during construction occurring within the avian nesting season (generally between February 1 and August 31). Annual summary reports are prepared and submitted to CPUC during construction for each nesting season.	MM BIO-08	Description of nests identified during the monthly reporting period including the location, species, exclusion buffer, construction activities within buffers, and monitoring observations. Report should include a map of the locations and buffers. Annual summary of all avian-related monitoring results and outcomes.	**Pending** To be provided by construction contractor
*Cultural Resource Evaluation Plan	Evaluate the significance of all cultural resources that cannot be avoided and provide the CPUC with applicable studies prior to conducted any activity that may impact the resource.	EPE CUL-03 MM CUL-02B	Refer to requirement sources.	**Pending**
*Cultural Resource Data Recovery Plan	Data recovery plans for historical resources that cannot be fully avoided shall be prepared in accordance with CEQA Guidelines Section I 5126.4(b)(3)(C) and PRC Section 21083.2, as applicable.	MM CUL-02B	Refer to requirement source.	**Pending**
*Cultural Resource Data Recovery Field Memo	Following implementation of the Data Recovery Plan, the Data Recovery Field Memo shall be prepared whenever an unanticipated resource is discovered during construction.	MM CUL-02B	Refer to requirement source.	**Pending**
*Cultural Resources Data Recovery Report	**Within 90 days** of submittal of the Data Recovery Field Memo following an unanticipated resource discovery, a Data Recovery Report is prepared and submitted to CPUC and consulting tribes(s), if appropriate. Once approved, the Data Recovery Report is filed with the Eastern Information Center.	MM CUL-02B	Report shall present: results of the data recovery program, including a description of field methods, location and size of excavation units; analysis of materials recovered (including results of any special analyses conducted); conclusions drawn from the work; indicate where artifacts, samples, and documentation resulting from the data recovery program will be curated; and specify that the curation facility meets the requirements of 36 CFR 79.	**Pending**

Report	Preparation/Submittal Frequency [a]	Requirement Sources	Contents	Status
SWPPP Visual Inspection and Storm Reports	Prepared for each qualifying rain event (QRE) (0.5 inch or more of precipitation within a 48 hour or greater period between rain events) and quarterly for non-stormwater discharges. Submitted to the Regional Water Board and CPUC **upon request** until SWPPP coverage is complete [c].	EPE HAZ-03	Visual inspection observations, proposed erosion and sediment control details, any corrective actions, the results of water quality sampling, and analysis of stormwater discharges associated with the project site.	**Pending**
SWPPP Numeric Action Level (NAL) Exceedance Reports	Prepared when values for parameters for pH and turbidity are exceeded and submitted to the Regional Water Board and CPUC **upon request.**		Sampling methodology, a description of the best management practices (BMPs) associated with the sample that exceeded the NAL and the proposed corrective actions taken.	**Pending**
SWPPP Monthly and Annual Reports	Prepared **monthly and annually** for each year of SWPPP coverage and submitted to CPUC until SWPPP coverage is complete [c].		Stormwater data, evaluations, required forms, a summary of all corrective actions taken during the compliance year, and identification of any compliance activities or corrective actions that were not implemented.	**Pending**
Weed Inventory and Monitoring Report	Weed Inventory and Monitoring Report is **prepared annually** during construction and submitted to CPUC.	MM BIO-09A	Annual surveying for new invasive weed populations and the monitoring of identified and treated populations	**Pending**
		After Construction		
Documentation of completed revegetation activities	Documentation of completed revegetation submitted to CPUC for final approval **no later than 30 days after project completion.**	MM AES-01	Documentation of completed revegetation activities, including planting container stock or seeding.	**Pending**
Determination of a Biologically Equivalent or Superior Preservation Report	Annual monitoring and reporting conducted as required in the approved DBESP.	MM BIO-15	Annual Monitoring Report as required by Determination of a Biologically Equivalent or Superior Preservation	**Pending**
Post-Construction Road and Sidewalk Condition Assessment	SCE shall restore damaged roadways and sidewalk (e.g., asphalt, curbs, and gutters) within 60 days after the completion of construction. Report is **submitted to CPUC upon completion.**	MM TRANS-07	Post-construction road and sidewalk condition assessment along 68th Street, Pats Ranch Road, Limonite Avenue, Wineville Avenue, Cantu-Galleano Ranch Road, and Etiwanda Avenue. The post-construction road and sidewalk condition assessment shall include photographs or a video recording along the construction route public roads within 500 feet in each direction of project access points and roadways where the road surface would be damaged by project-related trenching and digging.	**Pending**
Paleontological Mitigation Report	Paleontological Mitigation Report is prepared after construction is complete and is submitted to CPUC within 60 days of the close of construction for review and approval.	MM CUL-08 MM CUL-08A	The report will include: a description and maps of the Project area; descriptions of paleontologically sensitive or fossiliferous sediments in the Project vicinity; discussions of the methods used during monitoring and during fossil recovery; descriptions and illustrations of the stratigraphic section(s) exposed, fossils collected, including taxonomic data; photographs of the locations of recovered fossils; an assessment of the significance of the recovered fossils; complete contextual data from the fossil locality, including sedimentology and taphonomy; and a record of accession of the fossils to the selected repository, including specimen numbers.	**Pending**
Weed Inventory and Monitoring Report	Weed Inventory and Monitoring Report is prepared annually for 2 years after construction is complete and is submitted to CPUC.	MM BIO-09A	Annual surveying for new invasive weed populations and the monitoring of identified and treated populations.	**Pending**

Notes:

[a] When not specified in the mitigation measure or EPE, reports are to be submitted to CPUC with sufficient time for review.

[b] Monthly Nesting Bird Reports are not required if work does not occur within the preliminary buffers during the month as specified in MM BIO-08.

[c] SWPPP coverage and reporting requirements typically begin with the start of construction and extend into the post-construction restoration period. SWPPP coverage ends when the project site is stabilized, disturbed areas reach a minimum of 70 percent vegetation coverage, and Notice of Terminations have been filed ending SWPPP coverage. SWPPP reports and other documents are submitted to the SWRCB via the SMARTS website, and can be downloaded by entering the project Wastewater Discharger Identification (WDID) Number located in the SWPPP.

* Requirements marked with an asterisk are only applicable under specified conditions.