

## **INTRODUCTION**

The Valley-Auld Power Line project is proposed by Southern California Edison (SCE) to upgrade the subtransmission capacity of the 115 kV system south of the Valley Substation in response to electrical growth load in the Murrieta and Temecula areas in southwestern Riverside County. The project is located within an unincorporated area, near the cities of Perris, Hemet, and Murrieta. The project site occupies a north-south corridor paralleling Interstate 215. The project site extends from SCE's Valley Substation, located south of Highway 74 on Menifee Road, to a point about one mile south of the Auld Substation near Winchester Road.

The Valley 115 kV system provides electrical service to approximately one half million residents in southwestern Riverside County. Due to increase in demand SCE proposes to improve system voltages and to expand transmission capacity. The Proposed Project will serve to improve voltage problems by: 1) constructing a new 115 kV line connection between the Auld Substation and the Moraga Substation, 2) removing Pauba tap on the Auld-Moraga-Pauba line and switching the tap the existing Valley-Auld 115 kV line, and 3) by adding an additional 115 kV line to an existing line creating a double circuit system that would be tapped by and increase capacity to the Pauba line.

An Initial Study was prepared to assess the potential effects on the environment from the stringing of new power lines, the placement of new poles, the movement of existing lines to the new poles, and the removal of old poles. The Initial Study was prepared based on information in the Proponent's Environmental Assessment (PEA), a Supplement to the PEA, a project site visit, and supplemental research. The majority of the proposed project's impacts would occur during project construction, as a result of disturbance caused by construction activity. Within the SCE's Application and Supplement, mitigation measures addressing potentially significant impacts were proposed to reduce potentially adverse impacts related to project construction and operation. A number of SCE's proposed measures have been modified to provide additional detail to ensure that the environmental impacts are reduced as intended. SCE has reviewed and agreed to these modified measures.

The purpose of this Mitigation Implementation and Monitoring Plan is to ensure that the required mitigation measures are adequately implemented. This plan includes specific actions to be taken to implement each mitigation measure and information on responsibilities for implementing these measures, the timing of implementation, and monitoring requirements. This plan includes:

- The mitigation measures which SCE must implement as part of the proposed project,
- The actions required to implement these measures,
- Timing of implementation for each measure, and
- Monitoring requirements

Field monitoring of the mitigation measures during construction shall be carried out by a CPUC-designated environmental monitor. In all instances where non-compliance occurs, the CPUC's designated environmental monitor shall issue a warning to the construction foreman and SCE's project manager. Continued non-compliance shall be reported to the CPUC's designated project manager. Any decisions to halt work due to non-compliance shall be made by the CPUC. The CPUC's designated environmental monitor shall keep a record of any incidents of non-compliance with mitigation measures. Copies of these documents shall be supplied to SCE and the CPUC.

## 1. AESTHETICS

**MITIGATION MEASURE 1.1:** As development occurs in the area, SCE will provide information to and work with developers and roadway designers to integrate subtransmission lines into landscape.

**Impact:** Presence of poles along the power line route could create undesirable visual conditions as the area continues to convert from agricultural use to suburban development over time.

**Responsibility for Implementation:** SCE

- Upon request, SCE planners and transmission design engineers shall meet with developers and landowners to determine desired placement and/or relocation of transmission lines and to explore methods for minimizing the visual intrusion of power lines and poles.
- SCE shall offer advice and specific information to developers regarding the Valley-Auld power line and how the existing line can be aesthetically integrated into development plans by redesign or modification of proposed development plans.

**Timing of Action:** Ongoing after construction.

**Monitoring Requirements:** No specific monitoring requirements. Whenever innovative methods are devised to successfully reduce the visual effects of transmission lines, SCE shall report these cases to the CPUC in order to share knowledge and techniques for reducing visual impacts.

## 2. AIR QUALITY

**MITIGATION MEASURE 2.1:** Exhaust emissions from construction vehicles and increased fugitive dust shall be minimized.

**Impact:** Construction activities may adversely affect air quality by the release of emissions from internal combustion engines on construction equipment and vehicles or from increased fugitive dust caused by construction activities or construction vehicles traveling on unpaved roads.

**Responsibility for Implementation:** SCE

- SCE shall minimize emissions by limiting the time vehicles (e.g. trucks, bulldozers, etc.) are allowed to idle during construction, unless the piece of equipment is required to support a specific construction activity. Construction equipment and trucks shall not idle more than 10 minutes if not in use.
- The number of construction equipment and vehicles at any single work site shall be kept to the absolute minimum required to perform construction activities.
- To minimize the release of fugitive dust when traveling on unpaved surfaces, construction vehicles should travel at reduced speeds whenever practical. To minimize trailing dirt onto public roads, the speed of construction vehicles shall be limited to 10 mph when entering or leaving a paved public road from an unpaved area.
- All construction personnel shall be briefed on the speed limits and idling times allowed prior to construction start up.

**Timing of Action:** Employee briefing prior to construction, implementation of measures to reduce emissions and fugitive dust during construction.

**Monitoring Requirements:** CPUC's designated environmental monitor will monitor this measure. If the speed or idling limits prove to be not feasible in some instances, variances may be granted on a case-by-case basis.

### 3. BIOLOGICAL RESOURCES

**MITIGATION MEASURE 3.1:** SCE will reduce impacts to habitat by avoid grading within the coastal sage scrub or near riparian habitat to the greatest extent possible.

**Impact:** Construction may require the disturbance of coastal sage scrub or riparian vegetation.

**Responsibility for Implementation:** SCE

- Prior to construction, an SCE botanist or biologist, accompanied by the SCE project manager and/or construction manager, shall visit the areas of coastal sage scrub and riparian vegetation that will be disturbed by construction. During this pre-construction visit, this team shall delineate the areas of coastal sage scrub and riparian that will be disturbed due to construction activities.
- In areas of coastal sage scrub and riparian vegetation, the limits of the area that will be disturbed by construction shall be marked by tagging shrubs and/or placing flagged stakes at the perimeter of the planned construction zone. These markers shall be placed no less than 30 feet apart. Pink flagging shall be used because this color stands out best and takes longer to fade than other colors.
- Construction personnel shall be instructed to avoid intrusion beyond these marked areas.
- SCE shall schedule construction in riparian areas (in the southern section of Segment C1 and the southern area of Segment D1) to avoid the breeding season of most birds (mid-February through June).

**Timing of Action:** Prior to construction and during construction.

**Monitoring Requirements:** The CPUC's designated environmental monitor will visit coastal sage scrub and riparian areas prior to construction to ensure the construction zone are properly marked. An environmental monitor designated by the CPUC shall monitor compliance via periodic inspections of the construction site. If the coastal sage scrub or riparian vegetation limits prove not to be feasible in some instances, variances may be granted on a case-by-case basis.

**MITIGATION MEASURE 3.2:** SCE will contribute to the Skinner Lake Preserve by buying one acre of credit to cover impacts to coastal sage scrub habitat, as requested and approved by the U.S. Fish and Wildlife Service. SCE will prepare a Riparian Habitat Restoration Plan in conjunction with the Section 1601 Streambed Alteration Agreement for approval by the California Department of Fish and Game.

**Impact:** Construction vehicles and activities may damage or destroy up to 6,600 square feet of coastal sage scrub and up to 30 square feet of riparian habitat.

**Responsibility for Implementation:** SCE

- The proposed project will disturb/destroy approximately 6,700 square feet (about 0.15 acre) of coastal sage scrub habitat. To offset the damage or loss of coastal sage scrub habitat, SCE shall purchase one acre of credit at the Lake Skinner Preserve. At a 3:1 mitigation or replacement ratio, SCE's mitigation requirements will be approximately 0.46 acre. SCE will retain the remaining portion of the one acre of credit (0.54 acre) for future activities/applications.

- Restoration of riparian areas shall comply with all conditions set forth in the Streambed Alteration Agreement (CDFG Code Section 1601) to be obtained from the Department of Fish and Game and the Section 404 Permit to be obtained from the US Army Corps of Engineers (if required).
- The California Department of Fish and Game (CDFG) shall approve SCE's Riparian Habitat Restoration Plan in conjunction with the 1601 Streambed Alteration Agreement.

**Timing of Action:** Prior to completion of construction and after construction.

**Monitoring Requirements:** SCE shall provide copies to the CPUC of the Streambed Alteration Agreement and Riparian Habitat Restoration Plan approved by the Department of Fish and Game. If a Section 404 Permit is required, a copy of the approved permit shall be provided to the CPUC. SCE shall also provide evidence to the CPUC of their purchase of one acre of credit at Skinner Lake Preserve.

**MITIGATION MEASURE 3.3:** The project can be constructed without incidental take of listed species, pursuant to recommendations by the U.S. Fish and Wildlife Services (USFWS). To mitigate and/or avoid any potential impacts, SCE will: 1) contribute to the Stephens' kangaroo rat Habitat Conservation Fund, 2) mark buffer areas around any known California gnatcatcher nests, and 3) not undertake construction activities in California gnatcatcher nesting areas between March 1 and August 15.

**Impact:** California gnatcatchers (a Federally-listed Threatened species) and Stephens' kangaroo rat (a Federally-listed Endangered and State-listed Threatened species) occupy coastal sage scrub areas which occur in the project area. While project construction will not result in any incidental take of the California gnatcatcher, incidental take of the Stephens' kangaroo rat is possible.

**Responsibility for Implementation:** SCE, with approval and concurrence of USFWS and CDFG.

- A gnatcatcher-permitted biologist shall conduct pre-construction surveys at the appropriate time of year for gnatcatcher nesting, flag nests and/or breeding pairs using pink flagging, and map nest locations on USGS 7.5 minute topographic maps or detailed site maps, whichever is more appropriate.
- Construction activities shall not be allowed within a minimum distance of 200 feet from any active gnatcatcher nest.
- SCE plans to prepare and implement an Environmental Protection Program (EPP) for the project. The EPP shall include employee education of known sensitivities encountered during construction, procedures to follow to minimize or avoid impacts to sensitive species, flagging of sensitive species locations, and the presence and duties of an on-site biological monitor.
- SCE shall provide copies of gnatcatcher locations maps and data to the USFWS and the CDFG RareFind database.

**Timing of Action:** Prior to construction and during construction.

**Monitoring Requirements:** A qualified biologist familiar with the California gnatcatcher shall be present during construction in the coastal sage scrub. The biologist shall monitor all aspects of the Environmental Protection Plan and report regularly to the CPUC and the USFWS. Both the biologist and CPUC's designated environmental

monitor shall verify that the boundaries set for the protection of the gnatcatchers are not violated.

**MITIGATION MEASURE 3.4:** SCE shall avoid the population of San Jacinto crownscale within the wash on Segment C-1.

**Impact:** Construction within the wash on Segment C1 could damage or destroy a population of San Jacinto crownscale, a Federally-listed Endangered species.

**Responsibility for Implementation:** SCE

- Prior to construction, a qualified botanist shall visit the site and flag the plant(s) with pink flagging and mark a 15-foot radius buffer zone around the plant(s) with additional flagging.
- Prior to pole placement, should power line construction schematics indicate that a pole might fall within the cordoned-off area, the alignment shall be adjusted to avoid this population.
- During construction, vehicles and equipment shall avoid the flagged area.

**Timing of Action:** Prior to construction and during construction.

**Monitoring Requirements:** A qualified botanist shall be present during construction in the wash to ensure that the boundaries set for the protection of the San Jacinto crownscale are not violated.

**MITIGATION MEASURE 3.5:** SCE shall avoid populations of smooth tarweed along Segment C-1.

**Impact:** Pole-setting along Segment C1 could damage or destroy populations of smooth tarweed, a former Federal candidate for listing under the Endangered Species Act that is now considered a Federal Species of Concern and a sensitive plant by the California Native Plant Society (CNPS 1B).

**Responsibility for Implementation:** SCE

- SCE shall avoid the plants when possible by making micro-adjustments to pole placement, when needed. A botanist familiar with this species shall be on hand during pole placement to identify the populations for the construction crew and help relocate more suitable pole placement sites.

**Timing of Action:** During construction.

**Monitoring Requirements:** A qualified botanist familiar with this species shall be present during construction in this area and shall help identify populations and help re-position poles to avoid this species.

**MITIGATION MEASURE 3.6:** SCE shall establish measures to avoid impacts to the San Diego horned lizard, the orange-throated whiptail, and the western spadefoot toad in SCE's Environmental Protection Plan (EPP).

**Impact:** The San Diego horned lizard, the orange-throated whiptail, and the western spadefoot toad are all wildlife Species of Special Concern (SCS) to the CDFG and are either known to occur within the coastal sage scrub habitat on Segments D1 and C1 or have suitable habitat within these segments of the project. With the loss of the scrub, there is a potential for the loss of some individuals of these species.

**Timing of Action:** Prior to construction, during construction, and after construction.

**Responsibility for Implementation:** SCE

- SCE's EPP shall include measures to minimize disturbance to these species.

**Monitoring Requirements:** Prior to construction SCE shall provide documentation to the CPUC that confirms that the EPP contains suitable measures that avoid impacts these species.

**MITIGATION MEASURE 3.7:** Project design shall incorporate measures to avoid impacts to raptors.

**Impact:** Some potential exists for the loss of raptors through electrocution when perching or nesting on the power lines.

- SCE shall design the power line to comply with *Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1996* by Avian Power Line Interaction Committee (APLIC).
- To make the power line raptor-safe, SCE will employ one or more of the following options described in *Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1996*:
  - Installation of inverted "Vs" on power pole cross-members to prevent raptors from perching in specific locations where they may become electrocuted;
  - Placement of Bird Flight Diverters over insulators and conductors to prevent raptors from making contact with energized conductors;
  - Placement of insulator covers over insulators and conductors to prevent raptors from making contact with energized conductors; and/or
  - Removal or gapping of groundwire.

**Responsibility for Implementation:** SCE

**Timing of Action:** Prior to construction (during the project design phase) and during construction

**Monitoring Requirements:** SCE shall provide documentation to the CPUC prior to construction demonstrating that designs comply *Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1996*. During construction, the CPUC's designated monitor shall confirm the installation of raptor protection methods on all new poles.

#### 4. CULTURAL RESOURCES

**MITIGATION MEASURE 4.1:** SCE will reduce potential impacts to Archaeologically Sensitive Areas by carefully siting transmission poles and by using rubber tired vehicles at all times during construction.

**Impact:** As part of the easement agreement with the property owner, the existing subtransmission line and poles will be removed from a portion of Segment D1. This falls within the boundaries of a large recorded prehistoric archaeological site in the vicinity of Warm Springs Creek. An Archaeological Sensitive Area occurs on the eastern side of Segment D1 between Winchester Road and Briggs Road. Segment B crosses an area of Archaeological Sensitivity located near the corner of Briggs Road and Matthews Road. Segment C1 crosses through an extensive district of archaeological and historical resources located on and around the hills located between Simpson Road and Newport Road. In addition, Segment C1 passes near historic Leon Mine located just north of Scott Road. Construction equipment, vehicles, and pole setting could damage artifacts and archaeological sites.

**Responsibility for Implementation:** SCE

- Prior to construction, SCE shall develop within the Environmental Protection Plan (EPP) an employee education program, including information covering cultural sites and findings (such as what sensitivities might be encountered, procedures to follow to avoid or minimize impacts to sensitivities, flagging, and respecting flagged boundaries of sensitivities).
- During construction, SCE shall not improve any existing access roads in the archaeological sites described above.
- SCE shall use rubber tired vehicles at all times in archaeologically sensitive areas as described above.
- SCE shall carefully site transmission poles to avoid any archaeological or historic resources.
- To increase the protection of Archaeologically Sensitive Areas, a qualified archaeological monitor shall conduct a pre-construction survey and be present during all construction or subtransmission line removal activities in the vicinity of Warm Springs Creek, the Leon Mine area, and the Archaeological Sensitive Areas at the corner of Winchester Road and Briggs Road and the area between Winchester Road and Briggs Road.
- Should an archaeological resource be inadvertently unearthed or in some other way disturbed, construction activities will be halted until the specific area can be cordoned off or in some other way avoided.
- When possible, pole locations or stub roads shall be relocated to avoid the archaeological resource. If complete avoidance is not possible, a qualified cultural resource specialist shall investigate the site and recommend an appropriate course of action.
- The archaeological monitor shall report any new archaeological finds to the State Historic Preservation Officer.

**Timing of Action:** Prior to construction and during construction.

**Monitoring Requirements:** A qualified archaeological monitor shall be present during construction at any known archaeological site. The monitor shall also be on-call and available should a new site be discovered during construction.



**MITIGATION MEASURE 4.2:** Paleontological sites shall be protected through the implementation of a construction monitoring plan.

**Impact:** Fossil-bearing Pleistocene alluvium deposits may be encountered and damaged during pole drilling activities on Segment C1 north of Holland Road.

**Responsibility for Implementation:** SCE.

- A paleontologist retained by SCE shall prepare a detailed plan for monitoring construction activities and procedures to be followed in the event paleontological resources are unearthed. The plan shall detail the method and criteria for salvaging unearthed fossils if encountered during pole drilling or removal.
- Prior to construction, SCE shall develop within the Environmental Protection Plan (EPP) an employee education program, including information covering paleontological sites and findings (such as what sensitivities might be encountered, procedures to follow to avoid or minimize impacts to sensitivities, flagging and respecting flagged boundaries of sensitivities).
- The plan shall be implemented when construction work is occurring in sensitive areas.

**Timing of Action:** Prior to and during construction.

**Monitoring Requirements:** A qualified paleontologist shall be present during construction in this area to help identify paleontological sites and help direct workers and pole placement away from any sites. The paleontologist shall also be on-call and available should a new site be discovered during construction. The CPUC's designated environmental monitor shall keep a record of compliance and non-compliance of each mitigation measure. Copies of this documentation shall be supplied to SCE and the CPUC.

## 5. GEOLOGY AND SOILS

**MITIGATION MEASURE 5.1:** To minimize the potential impact to native soils, SCE shall implement soil management measures during construction.

**Impact:** Potential impacts to soils could occur if poles are placed in areas of high erosion or areas subject to scouring or heavy flooding.

### **Responsibility for Implementation:** SCE

- During construction, only small quantities of fill shall be imported to the construction site. During the rainy or windy season, this imported fill shall be covered with a tarp each night to ensure the fill does not get blown or washed away into native soils.
- Imported fill not used shall be hauled away upon completion of construction.
- To minimize disturbance of soils, holes for the concrete foundations of the steel poles shall be drilled. Holes for wooden poles shall be dug. All excess materials (excluding salvaged topsoil) shall be hauled away and disposed off site.
- Upon completion of all construction, salvaged topsoil shall be redistributed in the areas of the poles.
- During construction in the winter months, SCE shall implement erosion control measures to prevent erosion and scour in any work area near a stream or creek. Methods to be employed include the placement of sandbags, sterile hay bales, or silt fencing between the work area and the stream or creek.
- To ensure that steel poles are not placed within expansive soils that may threaten the stability of poles, prior to construction, SCE shall conduct field explorations and/or review documents to identify the presence of any expansive soils at proposed steel pole locations. Measures such as design modification or construction techniques (such as deepening foundations, removing and re-compacting or replacing unsuitable soils, foundation grouting, or avoiding expansive soils) shall be implemented where necessary to reduce adverse effects of expansive soils.
- In the winter months, when working within the coastal sage scrub occurring on the hills in Segments C1 and D1, erosion control methods (such as the use of sand bags, sterile hay bales, or silt fencing) shall be employed on the slopes to prevent erosion of scrub downhill of the construction zone.

**Timing of Action:** Prior to and during construction.

**Monitoring Requirements:** During construction, the CPUC's designated environmental monitor shall verify that erosion control methods, fill management, and soil redistribution are carried out as stated by SCE.

## 6. HAZARDS AND HAZARDOUS MATERIALS

**MITIGATION MEASURE 6.1:** Disposal of debris and old poles will be limited to the construction phase and these items will be recycled by SCE.

**Impact:** Old wooden poles that are replaced but not properly disposed could result in contamination of topsoil due to the leaching of creosote used on poles as a wood preservative.

**Responsibility for Implementation:** SCE

- SCE shall dispose of debris and old poles upon completion of construction. These items will be recycled by SCE.

**Timing of Action:** Upon completion of construction on each segment.

**Monitoring Requirements:** SCE shall provide documentation to the CPUC indicating the manner of disposal for all poles taken out of service.

**MITIGATION MEASURE 6.2:** SCE shall maintain a cleared buffer zone around energized components of the power line.

**Impact:** During and after construction, energized components of the project could cause a fire resulting from a spark or other kind of accidental charge release.

**Responsibility for Implementation:** SCE

- In order to minimize the risk to property and lives from wildland fires, SCE shall comply with State and Federal law requiring brush clearance of not less than 10 feet around energized components of the power line during construction and operation.
- The 10-foot buffer shall be created around each newly set pole as construction is completed.
- Clearing will be accomplished using hand tools or by mechanical means. Should herbicide be used, the application instructions shall be strictly adhered to and shall only be applied on windless days to avoid herbicidal drift.
- As part of SCE's standard practice, this cleared buffer zone shall be maintained throughout operation of the power line.

**Timing of Action:** Upon completion of construction.

**Monitoring Requirements:** Upon completion of construction along each segment of the power line, the CPUC's designated environmental monitor shall verify that the buffer zones have been constructed. During operation, SCE shall monitor the conditions of the buffer zones as part of their standard maintenance practices.

## 7. HYDROLOGY AND WATER QUALITY

**MITIGATION MEASURE 7.1:** SCE shall obtain a Streambed Alteration Agreement from the California Department of Fish and Game pursuant to Section 1601 of the California Fish and Game Code prior to any construction within the unnamed Warm Springs Creek tributary along the west side of Briggs Road. If required, SCE shall obtain a Section 404 permit from the U.S. Army Corps of Engineers prior to any construction within the unnamed Warm Springs Creek tributary along the west side of Briggs Road. SCE shall comply with all conditions stipulated in the required permits.

**Impact:** Placing poles in channels or creeks or on the banks of channels or creeks could impact water quality by altering stream flow, changing scour characteristics, and increasing sedimentation.

**Responsibility for Implementation:** SCE

- As described in Mitigation Measure 7.1, SCE shall obtain a Streambed Alteration Agreement prior to any construction within the unnamed tributary of Warm Springs Creek. A Section 404 permit shall be obtained prior to construction if required by the U.S. Army Corps of Engineers.
- SCE shall use poles designed with scour protection in place within the tributary along Briggs Road.
- SCE shall reduce any potential water quality impacts from erosion and sedimentation during construction by implementing the following soil stabilization measures: 1) minimizing the amounts of material imported to each site, 2) hauling away any excess materials resulting from the drilling of holes for new poles, and 3) implementing appropriate measures to prevent excavated materials from washing into any adjacent watercourse should work be performed during the rainy season.
- SCE shall avoid unnecessary placement of poles within Warm Springs Creek.
- SCE shall avoid placing poles within the Salt Creek Channel.
- Sandbags, sterile hay bales, or silt fencing shall be used to prevent water and soil runoff during winter months. Fencing, sandbags, or hay bale barriers should be checked frequently during storm weather to ensure that the barriers are in proper condition and properly placed to achieve erosion protection and prevent runoff.

**Timing of Action:** During construction in the winter months.

**Monitoring Requirements:** The CPUC's designated environmental monitor shall inspect the construction site when construction takes place along the unnamed tributary along Briggs Road.

## 8. NOISE

**MITIGATION MEASURE 8.1:** SCE shall minimize noise through careful work scheduling and by having properly functioning mufflers on construction vehicles.

**Impact:** Existing noise levels will increase temporarily during construction due to the operation of construction equipment, potentially disturbing residents in the immediate area.

**Responsibility for Implementation:** SCE

- To the extent possible, SCE shall limit construction activities to between the hours of 7:00 a.m. and 3:30 p.m. on Monday through Friday, and Saturday and Sunday if required. (No local permits are required and no county noise ordinances exist for this area.) The CPUC will be notified in advance if the daylight work schedule needs to be changed.
- Prior to construction, SCE shall notify all businesses and residences adjacent to the power line route of the status of the project, the proposed construction schedule, tips on reducing noise intrusion, and how to inform SCE if specific outdoor events are scheduled so that construction can be modified, if necessary, to avoid a conflict. Notification shall be made by mail with an information sheet similar to the one prepared early in project planning. The information sheet will also be mailed to the Postmaster and other public service agencies that may need to know about the construction of the roads in the area. Proposed schedules will also be published periodically in the daily newspaper. As construction proceeds, signs will be moved along the construction route to notify drivers of the period during which construction will take place.
- SCE shall maintain proper mufflers on all internal combustion and vehicles engines used in construction to reduce noise to the maximum feasible extent.

**Timing of Action:** During construction.

**Monitoring Requirements:** A CPUC-designated environmental monitor shall monitor compliance via periodic inspections of the construction site. If an extension of construction hours is needed in some instances, variances may be granted on a case-by-case mitigation basis by the CPUC.

## 9. TRANSPORTATION AND TRAFFIC

**MITIGATION MEASURE 9.1:** SCE shall minimize obstruction of traffic caused by construction activities. Cones and signs shall be used to warn motorists of the construction activities. Flagmen will be utilized as necessary to control traffic in the construction zone.

**Impact:** Construction activities could obstruct traffic blocked on some roads by construction vehicles.

**Responsibility for Implementation:** SCE

- SCE shall use flagmen and cones to manage traffic when one lane of a two-lane road is blocked, or when a one-lane road is blocked.
- SCE shall minimize the amount of time that any traffic lanes must be blocked to accommodate construction.
- When a one-lane road is blocked, no car shall have to wait for more than 5 minutes before proceeding through the construction zone.
- SCE shall contact the Federal Aviation Administration to determine if a Notice of Proposed Construction or Alteration (Form 7460-1) is required in accordance with Federal Aviation Regulations Part 77. SCE shall also inform the French Valley Airport Manager of the plans for new power line installation in the vicinity of the airport.

**Timing of Action:** During construction.

**Monitoring Requirements:** A CPUC-designated environmental monitor shall monitor compliance via periodic inspections of the construction site.