Environmental Minor Project Refinement Form

Project Name: West of Devers Upgrade Project
Request Prepared By: Sylvia Granados

Date Approval Required: 5/29/2018
Variance Request No.: 14

Date Submitted: 5/24/2018
Location: Frontage along 2821 W. San Bernardino Avenue, Redlands; Southeast corner of Marigold Avenue and W. San Bernardino Avenue, Redlands; Mountain View Avenue fronting Timoteo Substation, Loma Linda; Frontage along 11090 Iowa Street, Redlands

Landowner: 2301 W San Bernardino Avenue Investment Group; City of Redlands; Lit Industrial Limited Partnership; Southern California Edison

Current Vegetative Cover/Land Use: Developed/Disturbed

Existing Sensitive Resource? □ NO □ YES Specify: ____________________________

Modifying (check as many as apply):

☐ MITIGATION MEASURE ☐ PLAN/PROCEDURE ☐ SPECIFICATION
☒ DRAWING ☐ PERMIT CONDITION ☐ OTHER

Specify Source (e.g., Mitigation Measure B.5): Modification to NTP #3 Subtransmission Work Area Mapping.

Description of Change and Justification (Attach additional sheets if needed.)
Attachments:
☒ CONSTRUCTION DRAWING ☐ ADDITIONAL ENVIRONMENTAL ANALYSIS ☐ CORRESPONDENCE ☐ OTHER: ____________________________

TSP 4503509E installation in front of 2821 W. San Bernardino Avenue, in the City of Redlands
Due to underground utility conflicts encountered in the approved work area, the location of TSP 4503509E, along the San Bernardino–Redlands–Timoteo 66-kV subtransmission line, requires adjustment to the south, as shown in Figure 1.

The temporary impacts to developed/disturbed land associated with the redesign are 0.06 acre.

TSP 4802651E and TSP 4503515E installations on the southeast corner of Marigold Avenue and W. San Bernardino Avenue, in the City of Redlands
Due to underground utility conflicts encountered in the approved work area, the locations of TSP 4802651E, along the San Bernardino–Redlands–Timoteo 66-kV subtransmission line, and TSP 4503515E, along the San Bernardino–Redlands–Tennessee 66-kV subtransmission line, require adjustment to the south, as shown in Figure 2.

The temporary impacts to developed/disturbed land associated with the redesign are 0.18 acre.

TSP 4802680E installation in front of the Timoteo Substation, in the City of Loma Linda
Due to underground utility conflicts encountered in the approved work area, the location of TSP 4802680E on Mountain View Avenue, along the San Bernardino–Redlands–Timoteo 66-kV subtransmission line, requires adjustment to the west, as shown in Figure 3.

The temporary impacts to developed/disturbed land associated with the redesign are 0.02 acre.

Vault V6001324 installation in front of 11090 Iowa Street, in the City of Redlands
Due to underground utility conflicts encountered in the approved work area, a portion of the San Bernardino-Redlands-Tennessee subtransmission line and vault V6001324 require adjustment to the center of the road north of the intersection of Iowa Street and Orange Avenue, in the City of Redlands, as shown in Figure 4.

The temporary impacts to developed/disturbed land associated with the redesign are .15 acre.

Biological Resources:
A desktop analysis of publicly available data and relevant project data was conducted to determine the potential for special-status species to occur at the new work locations. Since included in early iterations of project design, these new
work locations were included in the study area for previous biological surveys. In addition, preconstruction clearance surveys were conducted for the Subtransmission/Telecom route, including the new work areas.

Burrowing Owl – The work areas do not include suitable habitat for this species.

Jurisdictional Waters – A jurisdictional feature is located is located north of Orange Avenue between structures 436540E and 2326373E. The jurisdictional feature, which intersects the work area, will be conspicuously staked for avoidance during construction activities.

Special-status Plants – The work areas are developed and disturbed land, isolated from native habitats, and do not support special-status plants.

Regulated Trees – No regulated trees will be impacted by this construction.

Nesting Birds – Suitable substrates for nesting birds protected by the California Fish and Game Code, including trees, shrubs, man-made structures, and the ground surface, are located within the vicinity. Nesting bird sweeps will occur prior to construction in the work areas during nesting bird season.

Desert Tortoise – The work areas are not located within the range of this species.

Listed Riparian Birds – The work area along Iowa Street includes suitable habitats for riparian birds. Changes proposed in this MPR are located within 500 feet of a riparian habitat patch along Iowa Street, between Citrus and Orange. Beginning April 10, 2018, least Bell’s vireo biologists John Green and Stephen J. Myers began least Bell’s vireo protocol survey visits at this location. Both biologists are also authorized to survey for southwestern willow flycatcher under the authority of recovery permits TE054011-7 (Green) and TE804203-11 (Myers). Flycatcher surveys began after May 15 according to the protocol. No least Bell’s vireo have been observed. Willow flycatchers have been observed in the habitat patch. However, migrant willow flycatchers of several subspecies are relatively common in passage in many southern California habitats. Migrants of that kind have been detected in the subject patch in the past. None stayed and none were considered the “southwestern” willow flycatcher subspecies. Due to the low and degrading quality of the habitat, lack of historic occurrences, and lack of presence over multiple years of project surveys, southwestern willow flycatchers are not expected.

Stephens’ Kangaroo Rat – The work areas do not include suitable habitat for this species.

Special-status Bats – No loose bark or cavities were observed on trees in the vicinity.

Coastal California Gnatcatcher – The work areas do not include suitable habitat for this species.

Golden Eagle – Based on aerial habitat assessments and protocol surveys conducted for the project, no suitable nesting habitat for golden eagles is located within 2 miles of the work areas.

Special-status Terrestrial Herpetofauna – The work areas do not include habitat supporting special-status herpetofauna.

Special-status Small Mammals – The work areas do not include habitat supporting special-status mammals.

American Badger, Desert Kit Fox, Ringtail – The work areas do not include habitat supporting these species.

Cultural Resources:
The new work areas above are located within the WOD APE and were covered within the record search data that was conducted during previous WOD surveys and studies. The record search and survey results for the area were negative for cultural resources. Cultural Resources Management Plan for Southern California Edison Company’s West of Devers Transmission Line Upgrade Project, Riverside and San Bernardino Counties, California. 2016. Rosemead, CA: Southern California Edison.

Traffic:
The work areas have been authorized for construction by the local jurisdictions after review and approval of traffic control plans, encroachment permit applications, and field changes. Traffic control will be implemented accordingly.
Resources:

Biological  ■ NO SENSITIVE RESOURCES PRESENT   SENSITIVE RESOURCES PRESENT   N/A

New Survey Report Attached:  YES  ■ NO

If No, Previous Biological Survey Reference:


Cultural  ■ NO RESOURCES PRESENT   RESOURCES PRESENT WITH PROJECT APE:  ■ YES  ■ NO

(PAVED/GRAVEL AREA AND NO GROUND DISTURBANCE)

If in APE, Previous Cultural Survey Reference: The Project specific Cultural Resources Management Plan:

The new work areas above are located within the WOD APE and were covered within the record search data that was conducted during previous WOD surveys and studies. The record search and surveys were negative for cultural resources. Cultural Resources Management Plan for Southern California Edison Company’s West of Devers Transmission Line Upgrade Project, Riverside and San Bernardino Counties, California. 2016. Rosemead, CA: Southern California Edison.

Other Potential Impacts: (Check any potential changes to permitted impacts and provide details below. Attach additional sheets if needed.)

☐ AIR QUALITY  ☐ LAND USE  ☐ TRAFFIC
☐ BIOLOGICAL RESOURCES  ☐ NOISE  ☐ VISUAL
☐ CONTAMINATED SOILS  ☐ PALEO RESOURCES  ☐ WATER RESOURCES
☐ CULTURAL RESOURCES  ☐ SOCIOECONOMIC  ☐ WETLANDS
☐ HAZARDOUS MATERIALS  ☐ STORM WATER (SWPPP)

NA

CEQA and Permitting: (Provide details for any “Yes” answer and attach additional information if needed.)

1. Will modification involve substantial changes that will require major changes to the CEQA document?

☐ YES  ■ NO

2. Will modification result in new significant environmental effects or a substantial increase in the severity of previously identified impacts?

☐ YES  ■ NO

3. Additional agency notifications and/or permit modifications required?  ☐ YES  ■ NO

Conditions of Approval or Reasons for Denial: (Attach additional information if needed.)
Required Signatures: (Attached email approvals may be used in lieu of signatures.)

X Chief Construction Inspector or Foreman:  ■ VARIANCE MODIFICATION IS NEEDED FOR SAFE AND EFFICIENT CONSTRUCTION
Name: Jeff Miller  Signature:  
Date: 5-24-18

Environmental Inspector:  ■ FIELD REVIEW COMPLETE
Name: Jordan Hall  Signature:  
Date: 5-24-18

X Land Agent:  ■ CONSISTENT WITH EXISTING RIGHTS  ■ NEW RIGHT OBTAINED
Name: James Spence  Signature:  
Date: 5-24-18

X Environmental Compliance Lead:  ■ APPROVED  ■ APPROVED WITH CONDITIONS (SEE CONDITIONS ABOVE)  ■ DENIED
Name: Sylvia Granados  Signature:  
Date: 

Condition Approval

Owner is in condemnation, can only work in franchise area, which is 60 feet from centerline of San Bernardino Ave.
DESIGN FEATURES

- Substation
- Existing Substation Area
- Existing ROW
- New Access Road
- Existing Access Road

Major Transmission Line Structures
- Shoofly Structure
- Proposed 220 KV Structures
- Transmission Structure (Modify)
- Transmission Structure (Remove)
- Transmission Structure (Existing)
- Proposed 220kV C/L test
- Existing 220kV

Distribution Features
- Distribution Poles
  - New, 12
  - Modify, 12
  - Remove, Pole
  - Existing, 12
- Distribution Lines
  - New-R-EX, OH; Proposed, OH, 12
  - New-R-EX, UG; Proposed, UG, 12
  - Remove, OH, 12

Subtransmission Features
- Subtransmission Poles
  - Existing
  - Proposed
  - Remove
  - Proposed UG Vault
- Subtransmission Lines
  - Existing, OH
  - Modify, OH
  - Proposed, OH
  - Proposed, UG
  - Remove, OH

Civil Access Road Areas
- Existing Road Give Back

Civil Drainage Area
- Permanent, New, Compacted Dirt
- Permanent, New, Concrete
- Permanent, New, Culvert
- Permanent, New, Gabion
- Permanent, New, Headwall
- Permanent, New, Mac Drain Single
- Permanent, New, Retaining Wall
- Permanent, New, Rip Rap
- Permanent, New, Splash Wall
- Permanent, New, Terrace Drain
- Permanent, New, V_Ditch
- Permanent, New, Water Bar
- Temporary, New, Retaining Wall

Civil Disturbance Area
- Permanent, Crane Pad
- Permanent, Gate Posts, n/a
- Temporary, Civil Work Limits
- Temporary, Disturbance Area, Crane Pad
- Temporary, Grading Limit

Telecom Features
- Existing
- Proposed

Telecom Line
- Existing, OH
- Existing, UG
- Proposed, OH
- Proposed, OPGW
- Proposed, UG
- Remove, OH
- Remove, UG

Construction Areas
- Bore Receiving Pits
- Boring Conduit
- Boring Pit
- Construction Work Site
- Demo Site
- General Disturbance Area
- Guard Pole
- O&M Tower Area
- Open Cut Conduit
- Structure Work Area
- Wildlife Barrier Limits
- Wire Setup
- Work Area

Distribution Features
- Distribution Poles
  - New, 12
  - Modify, 12
  - Remove, Pole
  - Existing, 12
- Distribution Lines
  - New-R-EX, OH; Proposed, OH, 12
  - New-R-EX, UG; Proposed, UG, 12
  - Remove, OH, 12

Subtransmission Features
- Subtransmission Poles
  - Existing
  - Proposed
  - Remove
  - Proposed UG Vault
- Subtransmission Lines
  - Existing, OH
  - Modify, OH
  - Proposed, OH
  - Proposed, UG
  - Remove, OH
**FIGURE 3**

- **Proposed Subtransmission Pole Relocation**
- **Proposed Subtransmission Line Relocation**
- **Proposed Temporary Work Area**

**LEGEND**

- **Proposed 4802680E Pole Relocation**
- **Proposed Temporary Work Area**
- **Originally Approved 4802680E Location**

**Southern California Edison**
West of Devers Upgrade Project

**Mountain View Ave**

**MPR #14**
Subtransmission Changes

*ftel*
FIGURE 4

- Proposed Subtransmission Vault Relocation
- Proposed Subtransmission Line Relocation
- Proposed Permanent Construction Area
- Proposed Temporary Work Area

LEGEND
- Wetland Waters
  - Wetland Waters (CDFW)
  - Wetland Waters (USACE, RWQCB)
- Non-wetland Waters
  - Non-wetland Waters (CDFW)
  - Non-wetland Waters (USACE, RWQCB)
- Riparian Bird Habitat

Proposed V6001324 Vault Relocation
Proposed V6001324 Location
Proposed Permanent Construction Area
Originally Approved V6001324 Location
Proposed Temporary Work Area

Southern California Edison
West of Devers Upgrade Project
Iowa St & Orange Ave
MPR #14
Subtransmission Changes