

# 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.

([https://www.sceprojects.com/modules/fileUploadForm/dis\\_fileUploadForm.cfm?featureID=429&filterOptionID=4&moduleID=537&defID=2162855;](https://www.sceprojects.com/modules/fileUploadForm/dis_fileUploadForm.cfm?featureID=429&filterOptionID=4&moduleID=537&defID=2162855;)

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

Jurisdictional Waters – A jurisdictional feature 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:

[https://www.sceprojects.com/modules/fileUploadForm/dis\\_fileUploadForm.cfm?featureID=429&filterOptionID=4&moduleID=537&defID=2162855](https://www.sceprojects.com/modules/fileUploadForm/dis_fileUploadForm.cfm?featureID=429&filterOptionID=4&moduleID=537&defID=2162855);

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[https://www.sceprojects.com/modules/fileUploadForm/dis\\_fileUploadForm.cfm?featureID=429&moduleID=537&defID=2187762](https://www.sceprojects.com/modules/fileUploadForm/dis_fileUploadForm.cfm?featureID=429&moduleID=537&defID=2187762). The subtransmission preconstruction surveys are currently active.

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.)

- |                                               |                                              |                                          |
|-----------------------------------------------|----------------------------------------------|------------------------------------------|
| <input type="checkbox"/> AIR QUALITY          | <input type="checkbox"/> LAND USE            | <input type="checkbox"/> TRAFFIC         |
| <input type="checkbox"/> BIOLOGICAL RESOURCES | <input type="checkbox"/> NOISE               | <input type="checkbox"/> VISUAL          |
| <input type="checkbox"/> CONTAMINATED SOILS   | <input type="checkbox"/> PALEO RESOURCES     | <input type="checkbox"/> WATER RESOURCES |
| <input type="checkbox"/> CULTURAL RESOURCES   | <input type="checkbox"/> SOCIOECONOMIC       | <input type="checkbox"/> WETLANDS        |
| <input type="checkbox"/> HAZARDOUS MATERIALS  | <input type="checkbox"/> 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.)

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

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

Land Agent:  CONSISTENT WITH EXISTING RIGHTS  NEW RIGHTS OBTAINED  
Name: James Spence Signature: [Signature] Date: 5-24-18

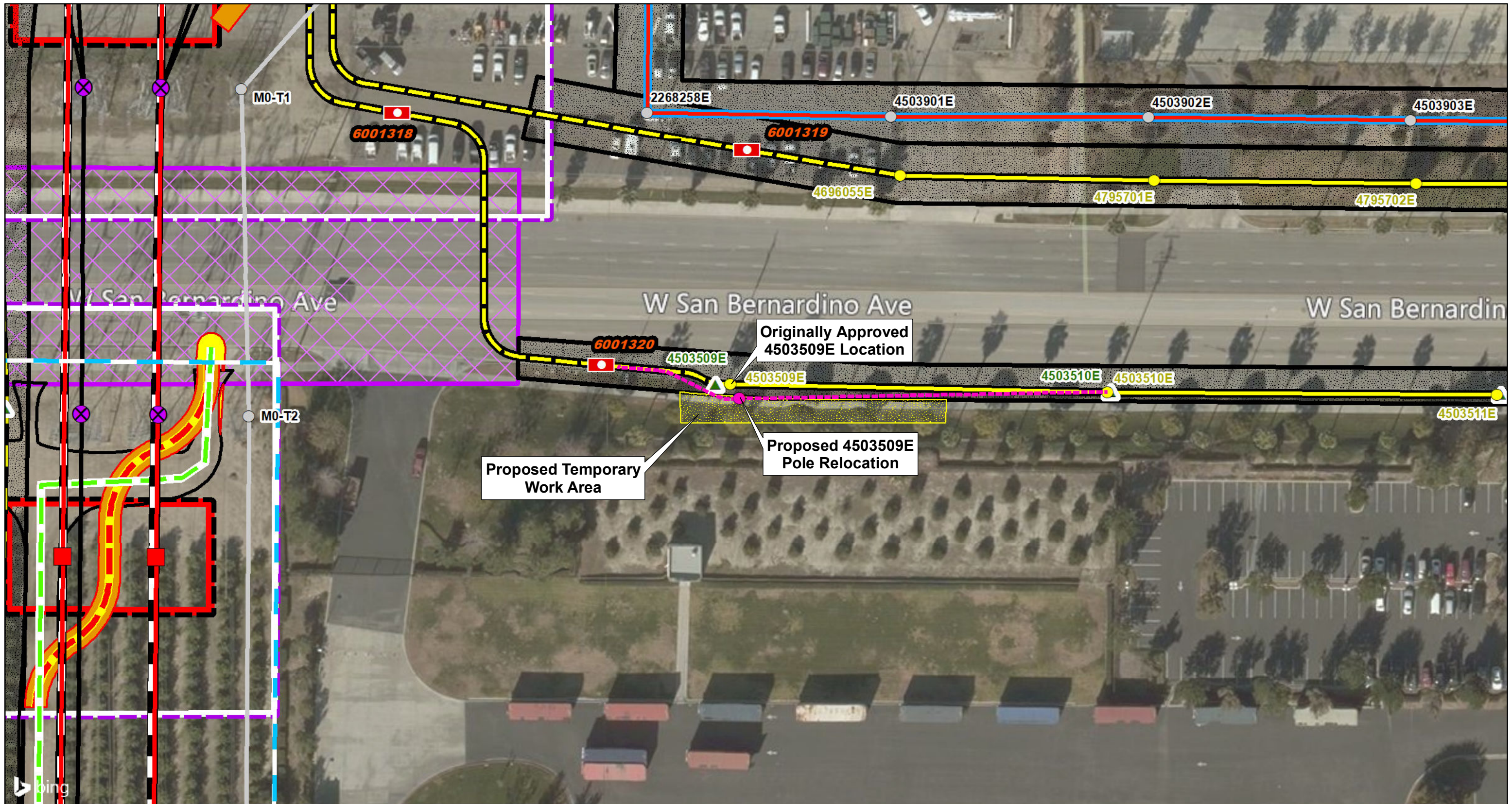
Environmental Compliance Lead:  APPROVED  APPROVED WITH CONDITIONS (SEE CONDITIONS ABOVE)  DENIED  
Name: Sylvia Granados Signature: [Signature] Date: \_\_\_\_\_

CONDITION APPROVAL

OWNER IS IN CONDEMNATION, . CAN ONLY  
WORK IN FRANCHISE AREA, WHICH IS  
60 FEET FROM CENTERLINE OF SAN  
BERNARDINO AVE.

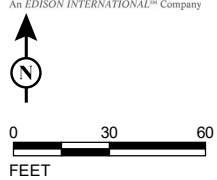
**DESIGN FEATURES**

Substation	<b>Distribution Features</b>	Existing Road Give Back	<b>Proposed Civil Drainage Area</b>
Existing Substation Area	<b>Distribution Poles</b>	<b>Civil Access Road Areas</b>	Permanent, New, Compacted Dirt
Existing ROW	New, 12	Existing Road Edge	Permanent, New, Concrete
New Access Road	Modify, 12	Designed Road Boundary	Permanent, New, Culvert
Existing Access Road	Remove, Pole	Potential Road Widening	Permanent, New, Gabion
<b>Major Transmission Line Structures</b>	Existing, 12	Material Storage Yards (MSY)	Permanent, New, Headwall
Shoofly Structure	<b>Distribution Lines</b>	<b>Construction Areas</b>	Permanent, New, Mac Drain Single
Proposed 220 kV Structures	New-R-EX, OH, 12; Proposed, OH, 12	Bore Receiving Pits	Permanent, New, Retaining Wall
Transmission Structure (Modify)	New-R-EX, UG, 12; Proposed, UG, 12	Boring Conduit	Permanent, New, Rip Rap
Transmission Structure (Remove)	Remove, OH, 12	Boring Pit	Permanent, New, Splash Wall
Transmission Structure (Existing)	<b>Subtransmission Features</b>	Construction Work Site	Permanent, New, Terrace Drain
Proposed 220kV C/L test	<b>Subtransmission Poles</b>	Demo Site	Permanent, New, V_Ditch
Existing 220kV	Existing	General Disturbance Area	Permanent, New, Water Bar
<b>Telecom Features</b>	Proposed	Guard Pole	Temporary, New, Retaining Wall
Existing	Remove	O&M Tower Area	<b>Civil Disturbance Area</b>
Proposed	Proposed UG Vault	Open Cut Conduit	Permanent, Crane Pad
<b>Telecom Line</b>	<b>Subtransmission Lines</b>	Structure Work Area	Permanent, Gate Posts, n/a
Existing, OH	Existing, OH	Wildlife Barrier Limits	Temporary, Civil Work Limits
Existing, UG	Modify, OH	Wire Setup	Temporary, Disturbance Area, Crane Pad
Proposed, OH	Proposed, OH	Work Area	Temporary, Grading Limit
Proposed, OPGW	Proposed, UG		
Proposed, UG	Remove, OH		
Remove, OH			
Remove, UG			



**LEGEND**

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



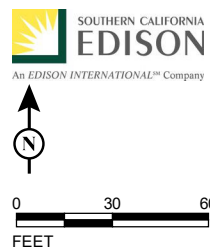
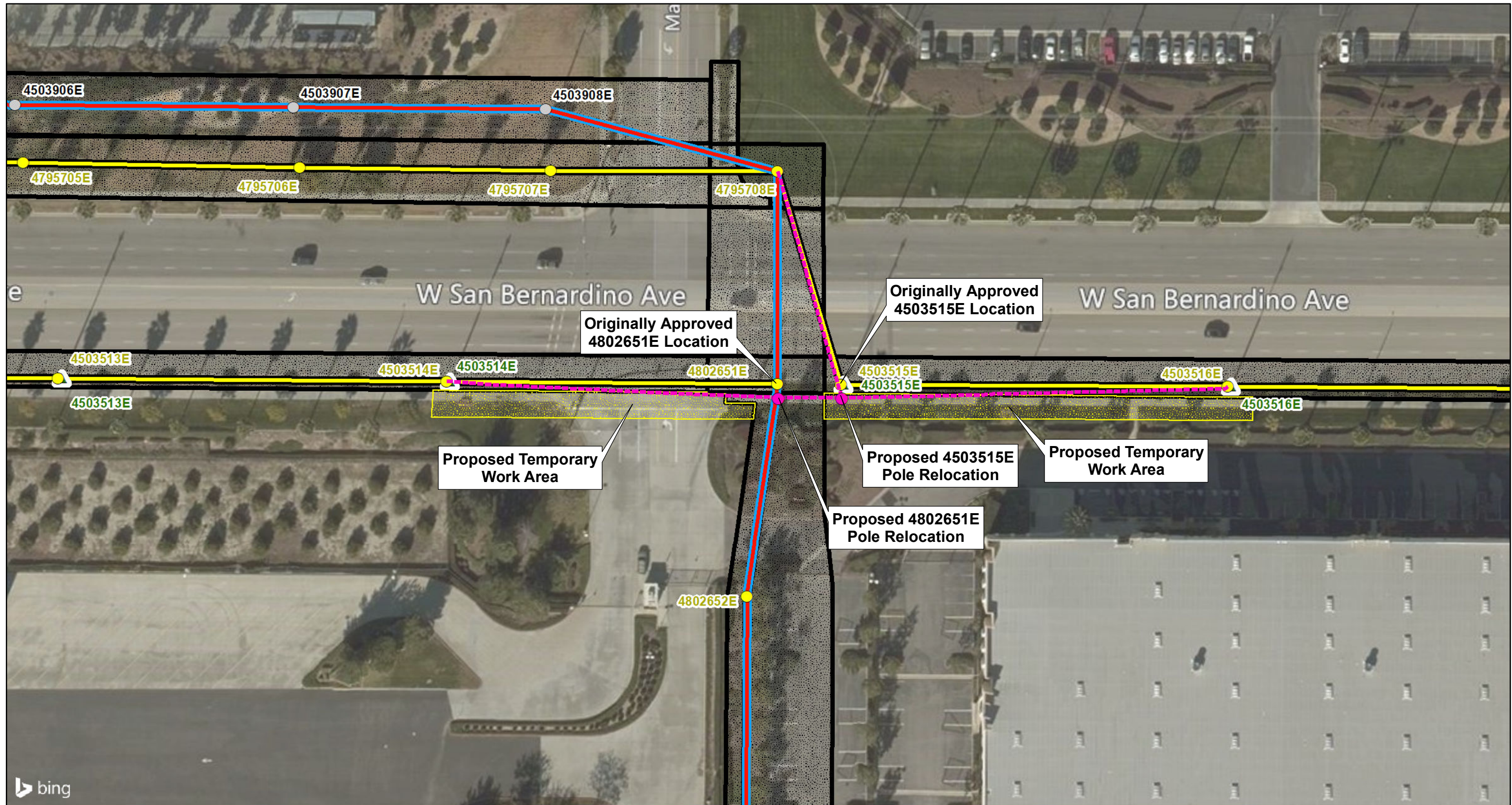
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FIGURE 1

*Southern California Edison*  
 West of Devers Upgrade Project  
 San Bernardino Ave (West)  
 MPR #14  
 Subtransmission Changes





**LEGEND**

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

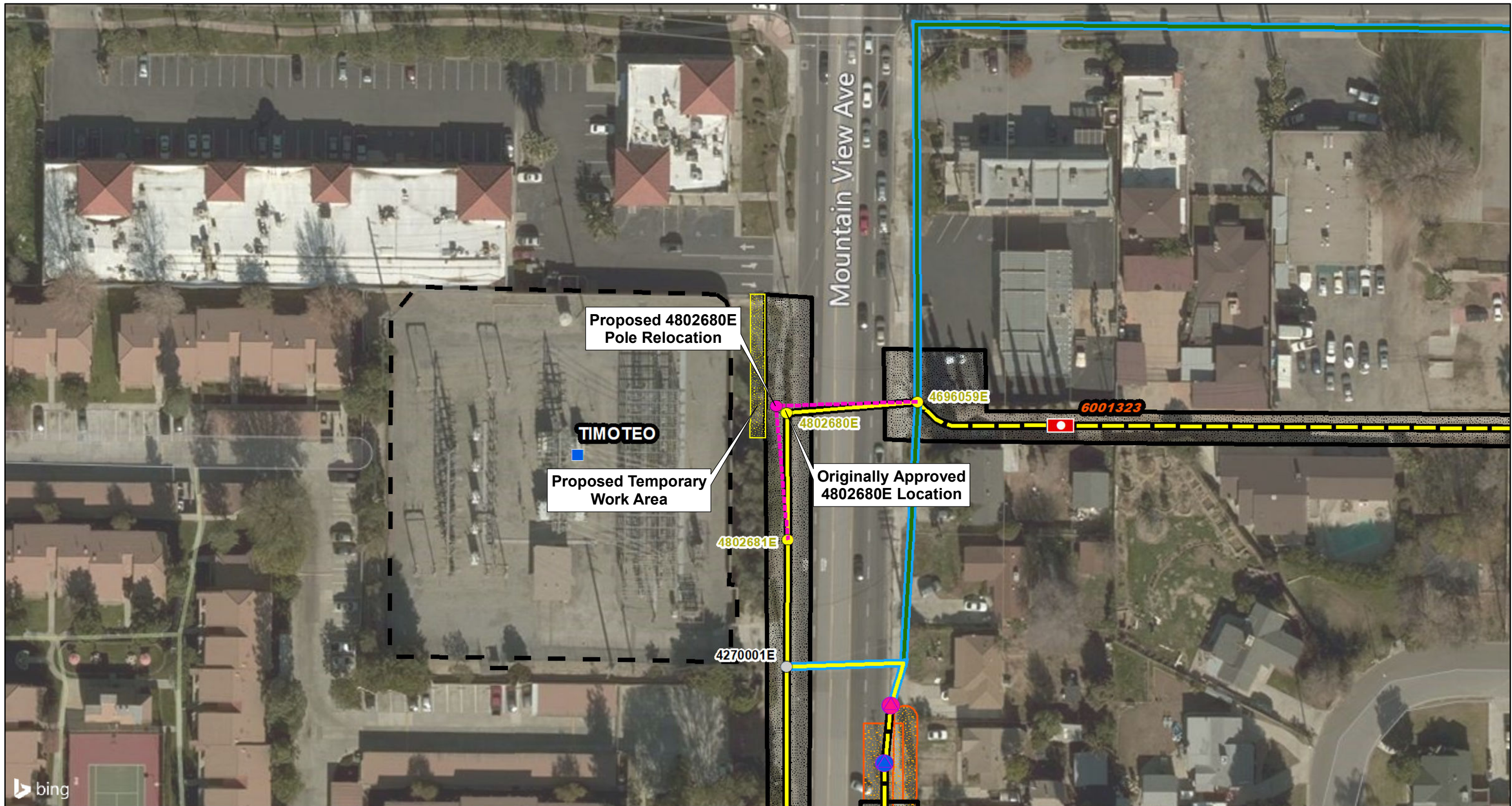
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FIGURE 2

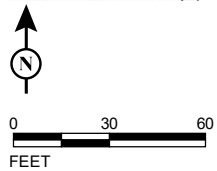
*Southern California Edison*  
*West of Devers Upgrade Project*  
 San Bernardino Ave (East)  
**MPR #14**  
**Subtransmission Changes**





**LEGEND**

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



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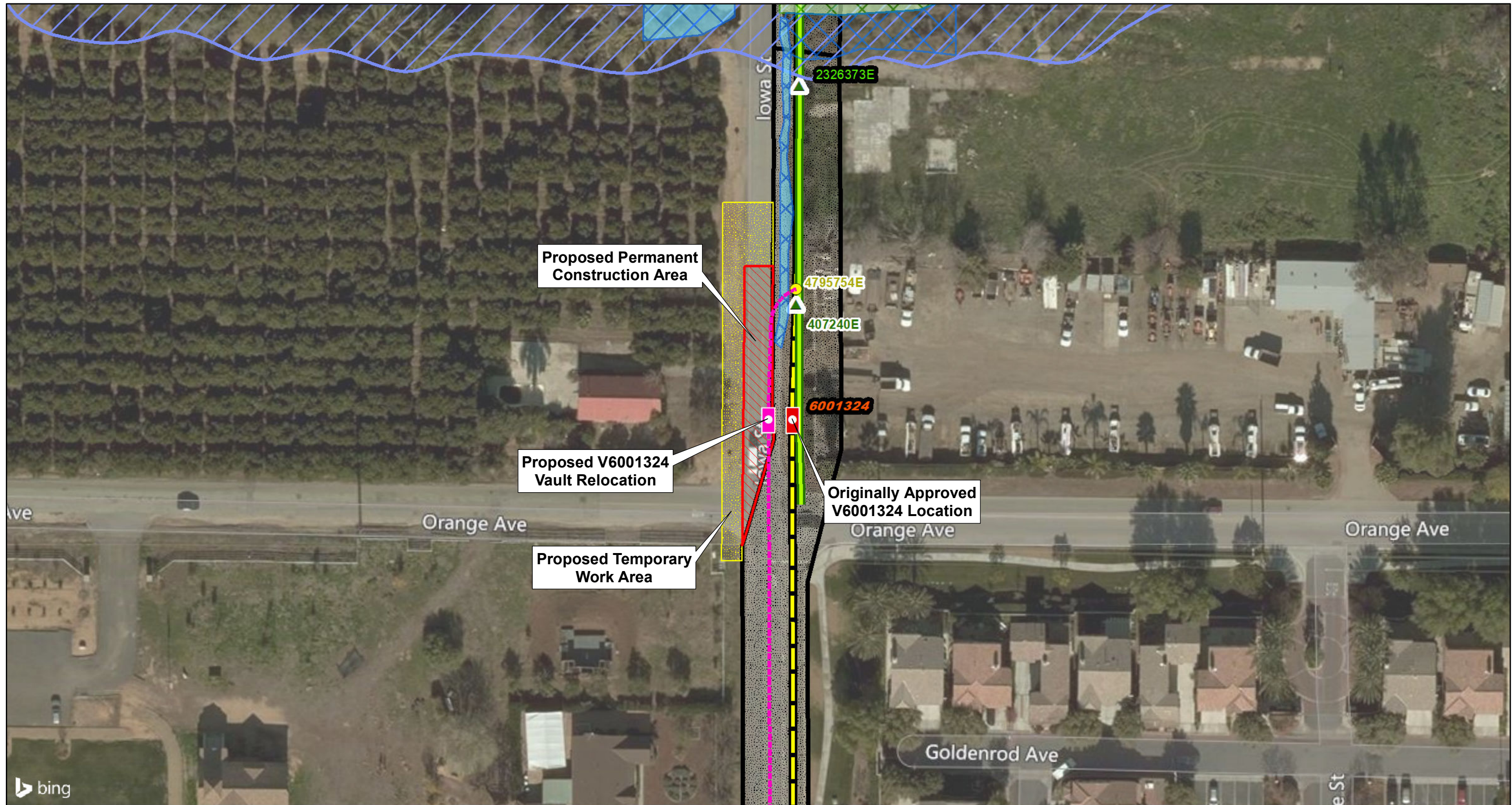
FIGURE 3

*Southern California Edison  
 West of Devers Upgrade Project*

Mountain View Ave  
**MPR #14**  
**Subtransmission Changes**







**LEGEND**

- |                                           |                                   |                               |
|-------------------------------------------|-----------------------------------|-------------------------------|
| Proposed Subtransmission Vault Relocation | Riparian Bird Habitat             | <b>Wetland Waters</b>         |
| Proposed Subtransmission Line Relocation  | <b>Non-wetland Waters</b>         | Wetland Waters (CDFW)         |
| Proposed Permanent Construction Area      | Non-wetland Waters (CDFW)         | Wetland Waters (USACE, RWQCB) |
| Proposed Temporary Work Area              | Non-wetland Waters (USACE, RWQCB) |                               |



FIGURE 4

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