



Mesa 500-kV Substation Project CPUC Minor Project Change Form

Date Requested: July 23, 2019

Report No.: 07

Date Approved:

Approval Agency: CPUC

Property Owner(s): SCE

Location/Milepost: 4628561E, V5127267, M5422379, 1825243E, M5008337, X9301368, V5008363, 4415620E, 4415631E, 4171874E, 2013401E, and 1547107E

Land Use/Vegetative Cover: Developed, bare earth, compacted gravel, and disturbed non-native grasses

Sensitive Resources: None

Modification From: Permit Plan/Procedure Specification Drawing
 Mitigation Measure Other:

This activity is described Notice to Proceed Request-2 for Initial Project-Related Activities for the Mesa 500-Kv Substation Project, Section 2.5 Telecom Line Relocations, and Final Environmental Impact Report, Mesa 500-kV Substation Project, Section 2.2.1.6, Telecommunications and Section 2.2.2, Telecommunications Routes.

Describe how project refinement deviates from current project. Include photos.

- Original Condition: Transmission Telecom Crews will need to access existing fiber splice cases located on existing poles, manholes or vaults in order to turn fibers to create communication paths between substations. There are approximately 12 locations located in multiple cities. The work will either be done at night or day in which it will take a 2 man crew approximately 4 hours to complete. The work will consist of the crew opening an existing case and re-connecting the additional fibers needed in order to create the path. There will be no ground disturbance. Permits have been submitted for the locations where we will need traffic control as other location are accessible through SCE R.O.W.
- Justification for change: Due to communications load, additional communications fibers are required at 4628561E, V5127267, M5422379, 1825243E, M5008337, X9301368, V5008363, 4415620E, 4415631E, 4171874E, 2013401E, and 1547107E.
- Figure: Attached to this document.
 - Figure. Minor Project Change Seven map set.
- Environmental Impact:

This bare earth, compacted gravel, and heavily disturbed non-native grasses area provides no useful habitat for any wildlife or botanical species. Further, this location does not host cultural resources or paleontological resources at the surface. These areas are currently SCE R.O.W.s or public streets. Adding communications fibers at these locations will not be a significant additional project impact.

- Concurrence: the Final Environmental Impact Report, Mesa 500-kV Substation Project was consulted, as was the USACE Section 404 Permit (SPL-2015-0324), USFWS Biological Opinion (FWS-LA-15B0327-17F1426),

CDFW Streambed Alteration Agreement (1600-2016-0034-R5), SWRCB Section 401 Permit (16-019), NTPR-1 Biological Review, Cultural Resources Management Plan for the Mesa Substation Project, and Paleontological Resources Management Plan for the Southern California Edison Mesa 500 Kilovolt Substation Project to determine whether other agencies, municipalities, utilities, etc. would need to provide concurrence with this MPC. For this situation, no project measures or plans stipulate consultation with agencies other than the CPUC.

Biological Resources:

Developed, bare earth, compacted gravel, and disturbed non-native grasses.

Biological	<input checked="" type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input type="checkbox"/> N/A
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Previous Biological Survey Report Reference:

- AMEC Earth & Environmental, Inc. (AMEC). 2009a. Final Special Status Plant Species Survey Report for the Southern California Edison Tehachapi Renewable Transmission Project, Segments 7 and 8. Prepared for Southern California Edison. December.
- AMEC. 2009b. Final 2009 Burrowing Owl Focused Survey Report for Segments 7 and 8 of the Southern California Edison Tehachapi Renewable Transmission Project. Submitted to Southern California Edison. October.
- Aspen. 2009. Revised Biological Resources Specialist Report for the Tehachapi Renewable Transmission Project. Prepared for the California Public Utilities Commission and the USDA Forest Service. September.
- Aspen. 2010. Final Environmental Impact Statement, Southern California Edison's Application for the Tehachapi Renewable Transmission Project. Prepared for the California Public Utilities Commission and the USDA Forest Service. September.
- Ecology and Environment, Inc. (Ecology and Environment). 2016. Final Environmental Impact Report, Southern California Edison's Application for the Mesa 500-kV Substation Project. Prepared for the California Public Utilities Commission. October.
- ICF. 2010a. Jurisdictional Delineation Report for the Tehachapi Renewable Transmission Project: Segments 7 and 8. Prepared for Southern California Edison.
- ICF. 2010b. Focused Survey Report Special-Status Plant Species Segments 7 and 8. Tehachapi Renewable Transmission Project. Prepared for Southern California Edison.
- ICF. 2010c. Focused Survey Report for Burrowing Owl Segments 7 and 8. August. (ICF 00133.10.) Irvine, CA. Prepared for Southern California Edison, Rosemead, California.
- ICF. 2010d. Focused Survey Report for Coastal California Gnatcatcher Segments 7 and 8. August. (ICF 00133.10.) Irvine, CA. Prepared for Southern California Edison, Rosemead, California.
- ICF. 2011a. TRTP: Segment 11A Goodrich to Mesa Transmission Line Jurisdictional Delineation and Impact Analysis Report. July 13. Prepared for Southern California Edison, Brea, California.
- ICF. 2011b. 2011 Focused Survey Report Coastal California Gnatcatcher Segments 7 and 8, Tehachapi Renewable Transmission Project Component. September. Prepared for Southern California Edison, Brea, California.
- ICF. 2011c. Preconstruction Biological Survey and Clearance Sweep Report for Southern California Edison's WP3 Transmission Line Work Segment 7 Transmission Line (M40-T1, M42-T6, WSS 7-7.62, WSS 7-7.63, WSS 7-7.64, WSS 7-7.75), and 66kV Relocation (4774404E to 4774410E, M7-T1) Los Angeles County, California. September. Prepared for Southern California Edison.
- ICF. 2011d. 2011 Tree Inventory Report Segments 7 and 8. October 2012. Prepared for Southern California Edison, Brea, California.
- ICF. 2017a. Mesa 500kV Substation Project 45-day Report for Protocol Coastal California Gnatcatcher Surveys. Prepared for Southern California Edison, Brea, California. July.
- ICF. 2017b. Mesa 500kV Substation Habitat Assessment for Western Spadefoot. Prepared for Southern California Edison, Brea, California. September.
- Insignia Environmental (Insignia). 2015a. Biological Resources Technical Report for the Mesa 500 kV Substation Project. Prepared for Southern California Edison. February.

Insignia. 2015b. Supplemental Jurisdictional Delineation Report for the Mesa 500 kV Substation Project. Prepared for Southern California Edison.

Insignia. 2015c. Biological Assessment, Mesa 500 kilovolt Substation Project, Los Angeles, California. Prepared for U.S. Army Corps of Engineers. June.

Noreas Environmental Engineering and Science (Noreas). 2015. Mesa Substation Project Plant Survey Report. Prepared for Southern California Edison. July.

Noreas Environmental Engineering and Science (Noreas). 2017a. Mesa Substation Project Pre-construction Special-Status Plant Survey Report. Prepared for Southern California Edison. September.

Noreas Environmental Engineering and Science (Noreas). 2017b. Mesa Substation Project Pre-construction Take Avoidance Burrowing Owl Survey. Prepared for Southern California Edison. September.

Rocks Biological Consulting (RBC). 2015. 45-day Report for Protocol Coastal California Gnatcatcher Surveys for the Proposed Southern California Edison Mesa 500 kilovolt Substation Project, Los Angeles County, California. Prepared for Insignia Environmental.

Cultural Resources:

No resources.

Cultural	<input checked="" type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input type="checkbox"/> Within Project Component Area	<input type="checkbox"/> N/A (paved/gravelled area or no ground disturbance)
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Previous Cultural Survey Report Reference:

California Public Utilities Commission (CPUC). 2016. *Mesa 500-kV Substation Project Environmental Impact Report*. Davis, Shannon. 2017. *Evaluation of Historical Significance for the Mesa Substation Project*. Prepared by ASM Affiliates, Inc., Pasadena, California. Prepared for Southern California Edison.

McLeod, S.A. 2014. *Paleontological Resources for the proposed Southern California Edison Mesa Substation Project*, Project # 061014, Los Angeles County, project area. Unpublished letter report by the Natural History Museum of Los Angeles Count, dated 30 June 2014.

Miller, D.M., S.A. Siren, G.L. Aron. 2015. *Paleontological Resource Survey Report: Southern California Edison Mesa 500 Kilovolt Substation Project*, Los Angeles County, California. Prepared by Paleo Solutions, Inc. on behalf of SCE. Original dated July 22, 2014 and revised September 2014, November 2014, and January 2015.

Ninyo and Moore. 2015. *Geotechnical Evaluation, Mesa 500kV Substation – Phase 1*, 700 East Potrero Grande Drive, Monterey Park, California, dated August 27.

Ninyo and Moore. 2016. *Geotechnical Evaluation, Mesa 500kV Substation – Phase 2*, 700 East Potrero Grande Drive, Monterey Park, California, dated May 6.

Raum, J. and G.L. Aron. 2015. *Paleontological Survey Summary for the Mesa Substation Project- Staging Yards 6 & 7*, cities of Rosemond and South El Monte, Los Angeles County, California. Report prepared by Paleo Solutions, Inc. on behalf of SCE. Dated August 13, 2015.

Richards, C.D., and G.L. Aron. 2015. *Paleontological Monitoring, SCE Mesa 500 kV Substation Project*, Los Angeles County, California. Prepared by Paleo Solutions, Inc. on behalf of SCE. Dated February 16, 2015.

Williams, Audry. 2014. *Historical Resource Analysis Report/Historic Property Survey Report Southern California Edison Company Mesa 500kV Substation Project*. Prepared by Southern California Edison.

Williams, Brian, Sherri Andrews, and Shannon Davis. 2014. *Cultural Resources Inventory of the Southern California Edison Company Mesa Substation 200 Kilovolt Project, Los Angeles, County, California*. Prepared by ASM Affiliates, Inc. on behalf of SCE. Dated November 2014.

Disturbance Acreage Changes: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Original disturbance acreage: <i>N/A</i>	New disturbance acreage: <i>N/A</i>

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Geology, Soils, and Seismicity	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hazardous Materials and Waste	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hydrology	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Cultural Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Traffic and Circulation	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Air Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Noise and Vibration	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Visual Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Vegetation and Wildlife	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.

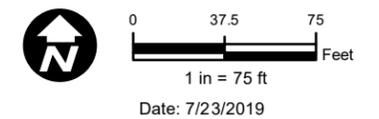
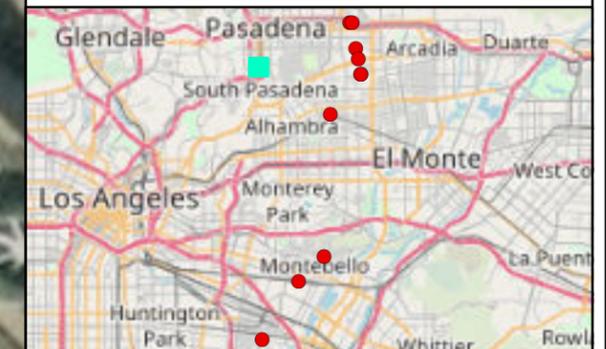
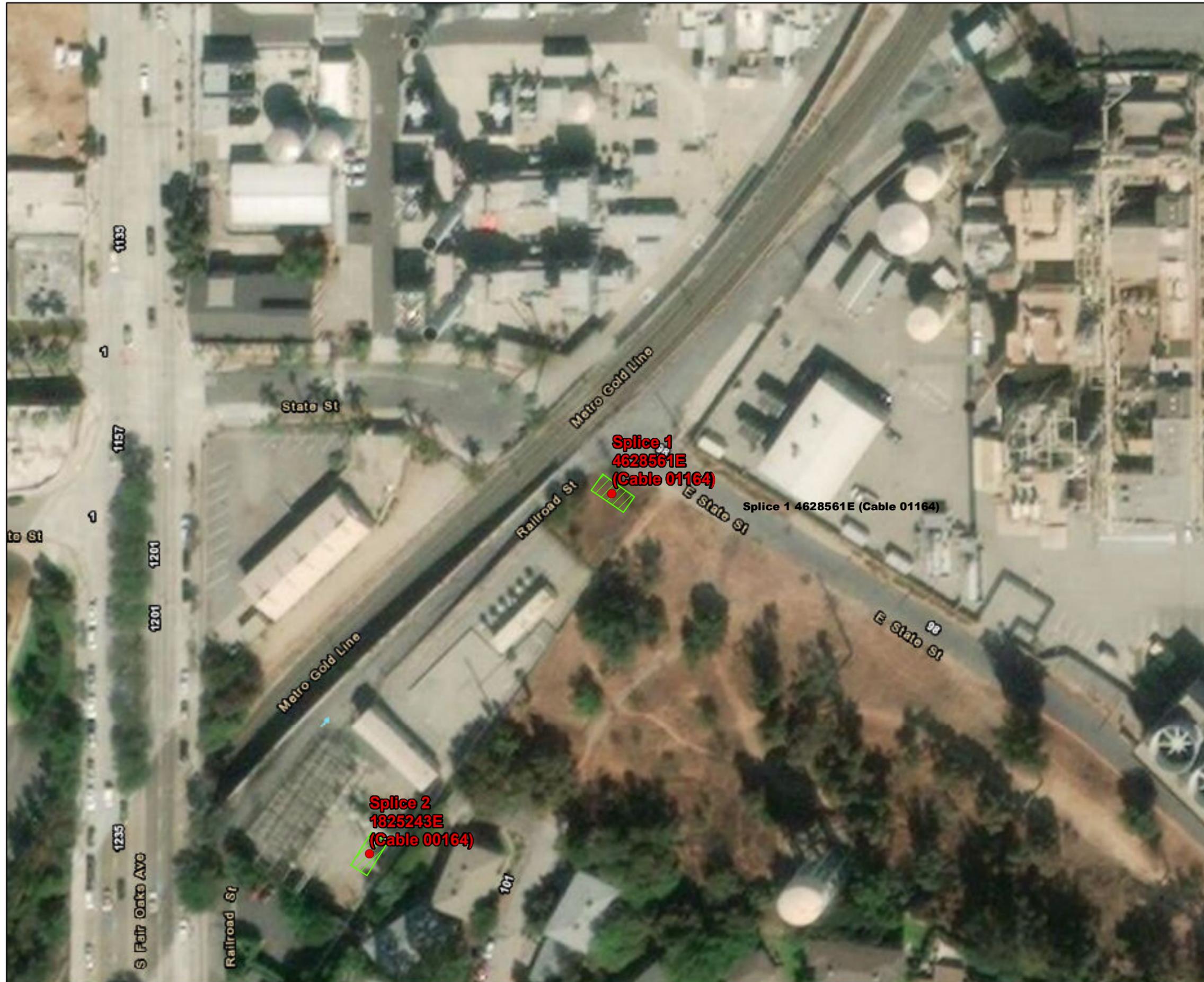
Approvals	Date	Name (print)	Signature	
Southern California Edison Environmental Project Manager	7/23/19	Lori Iles-Rangel		<input type="checkbox"/> Reviewed
CPUC Project Manager		Connie Chen		<input type="checkbox"/> Approved <input type="checkbox"/> Approved with conditions (see below) <input type="checkbox"/> Denied

For CPUC Compliance Manager Use Only		
<input type="checkbox"/> Refinement Approved	<input type="checkbox"/> Refinement Denied	<input type="checkbox"/> Beyond Authority
<u>Conditions of Approval or Reason for Denial:</u>		
Prepared by:	Date:	

MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 1 4628561E (CABLE 01164)

Legend

- Splice Access Point
- ▨ Splice Work Area



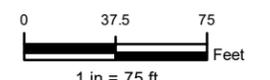
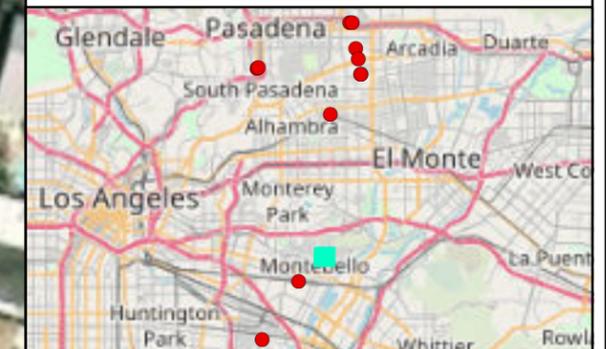
MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 1 V5127267 (CABLE 01088)

Legend

- Splice Access Point
- ▨ Splice Work Area

Splice 1
V5127267
(Cable 01088)

Splice 1 V5127267 (Cable 01088)



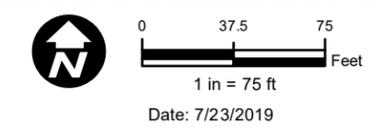
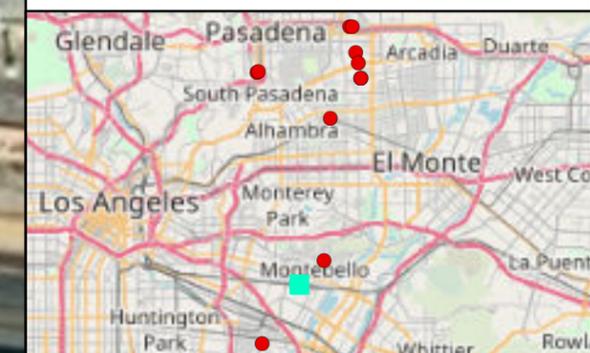
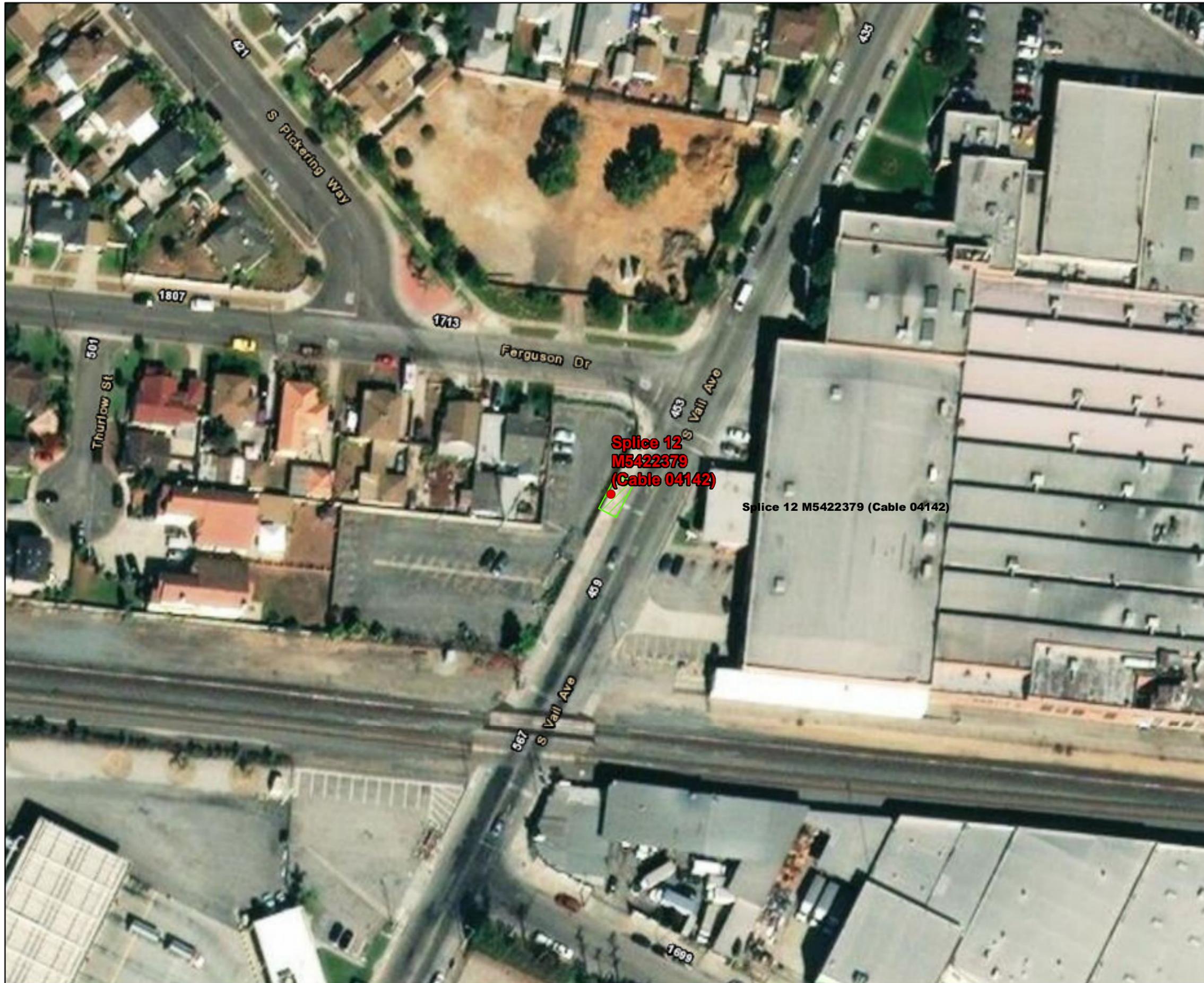
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MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 12 M5422379 (CABLE 04142)

Legend

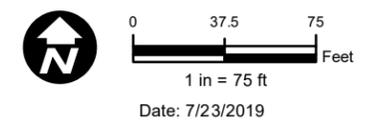
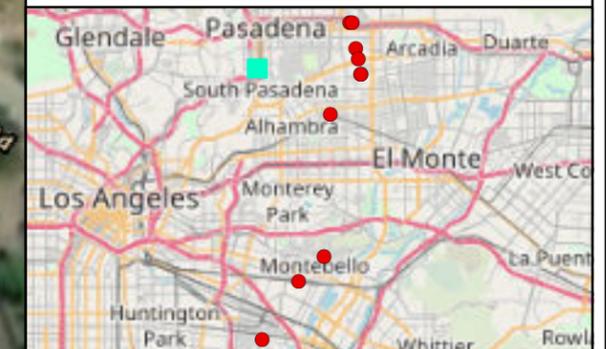
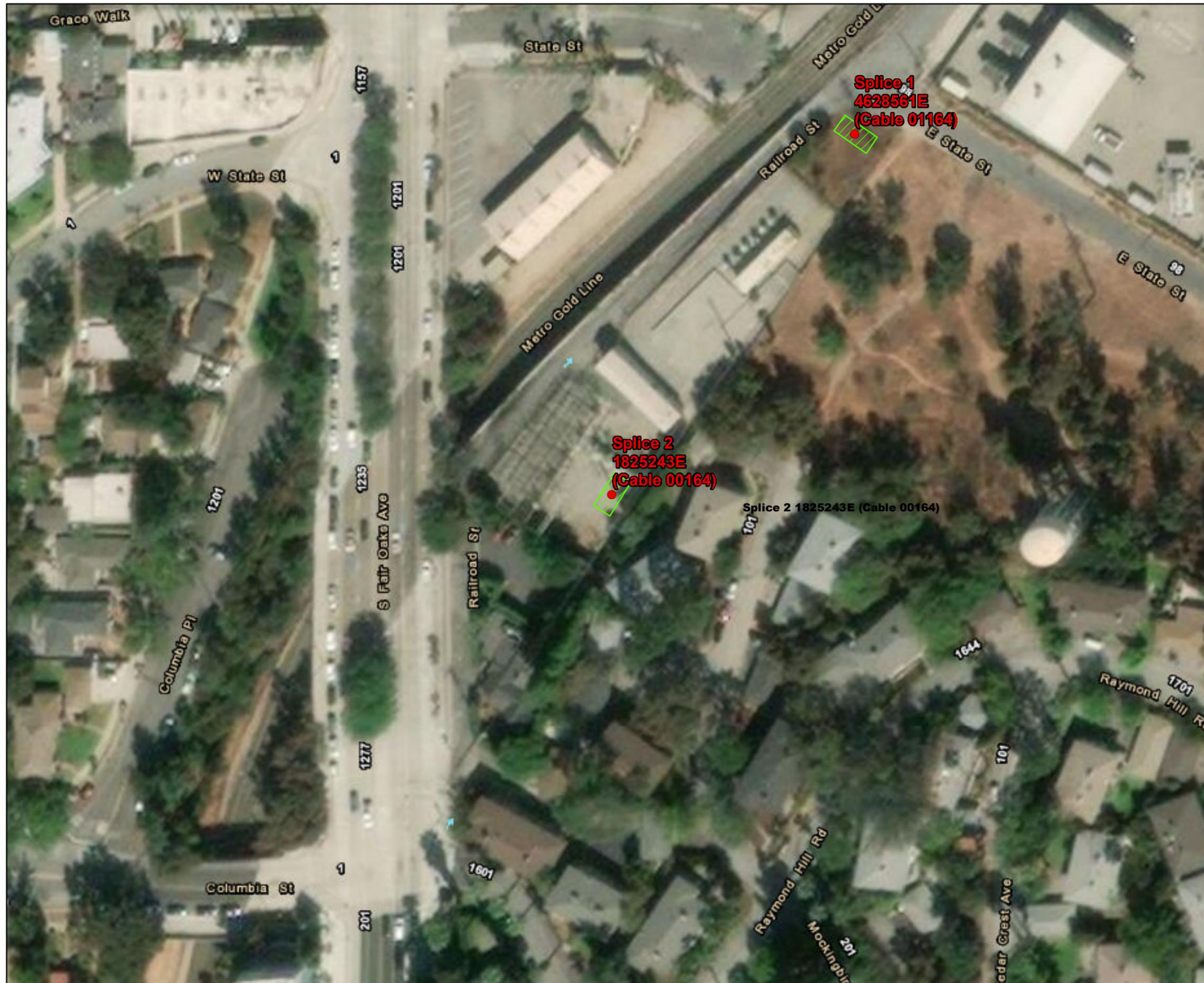
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- ▨ Splice Work Area



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 2 1825243E (CABLE 00164)

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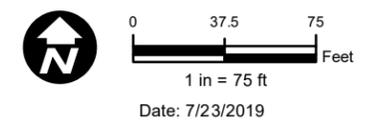
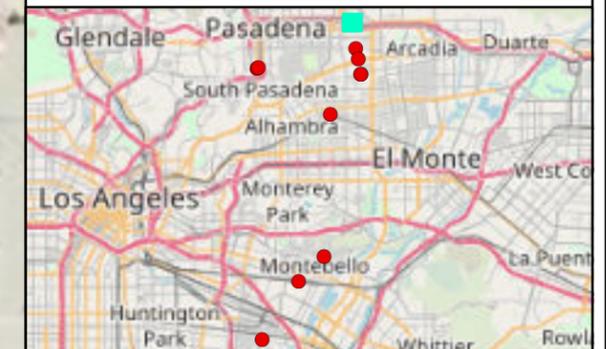
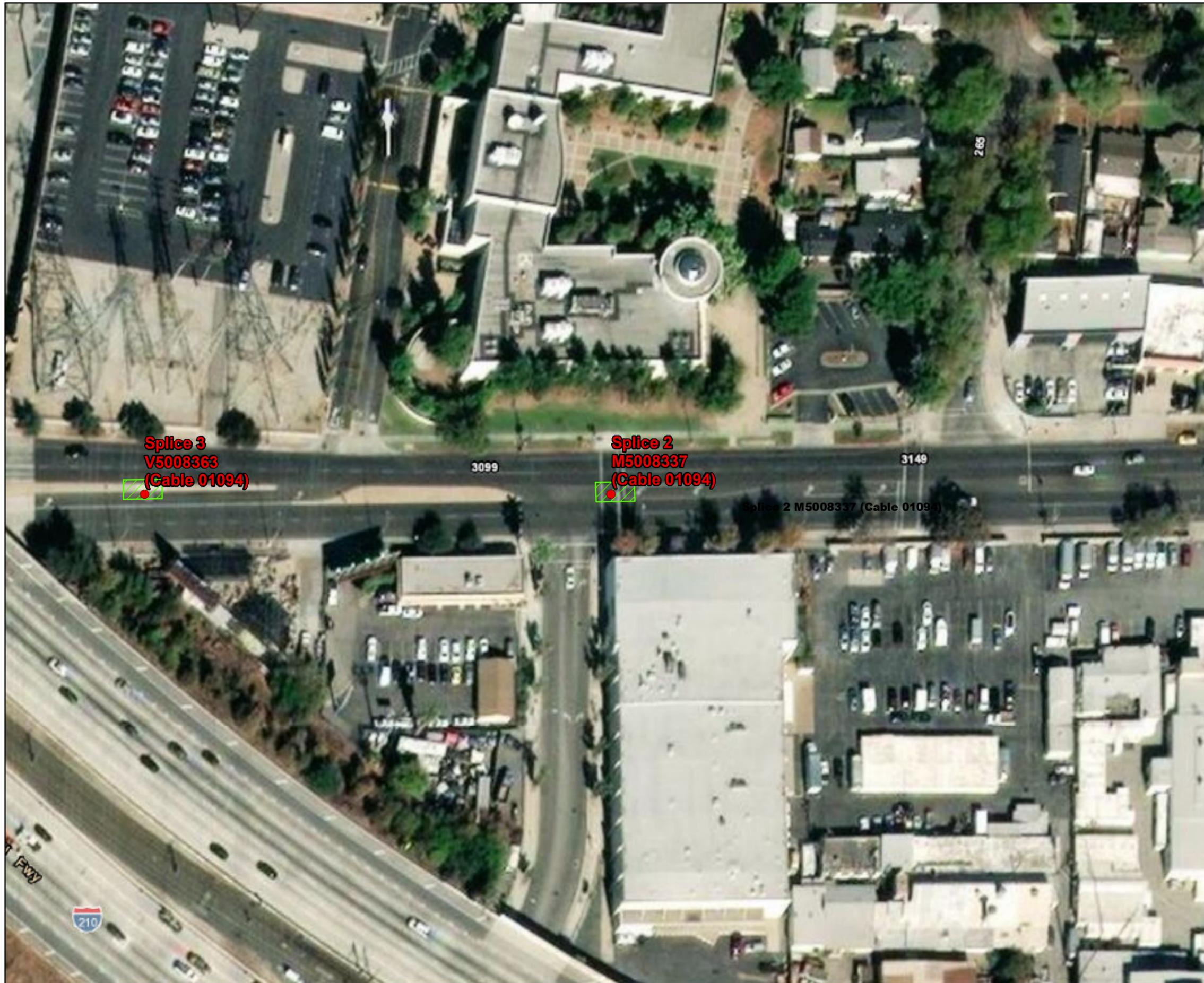
- Splice Access Point
- ▨ Splice Work Area



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 2 M5008337 (CABLE 01094)

Legend

- Splice Access Point
- ▨ Splice Work Area



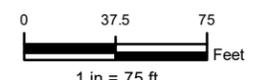
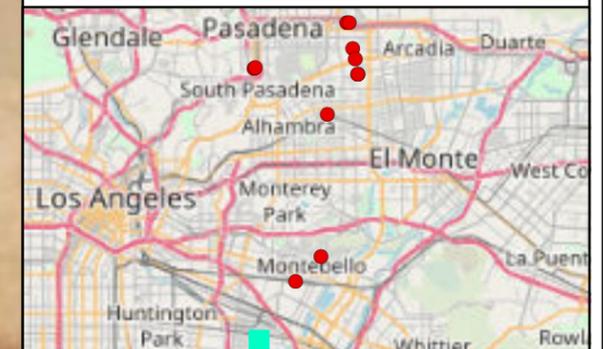
MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 28 X9301368 (CABLE 04142)

Legend

- Splice Access Point
- ▨ Splice Work Area

**Splice 28
X9301368
(Cable 04142)**

Splice 28 X9301368 (Cable 04142)



Date: 7/23/2019

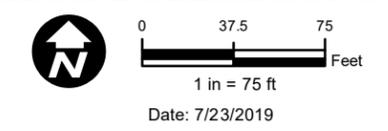
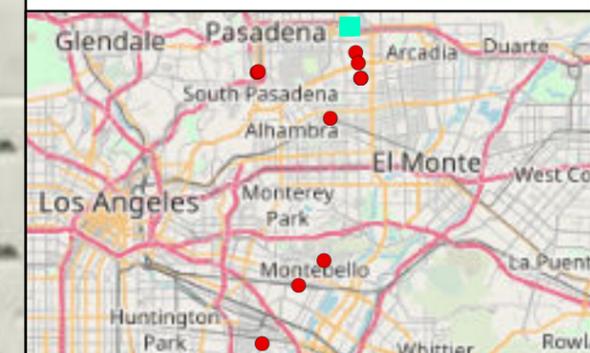
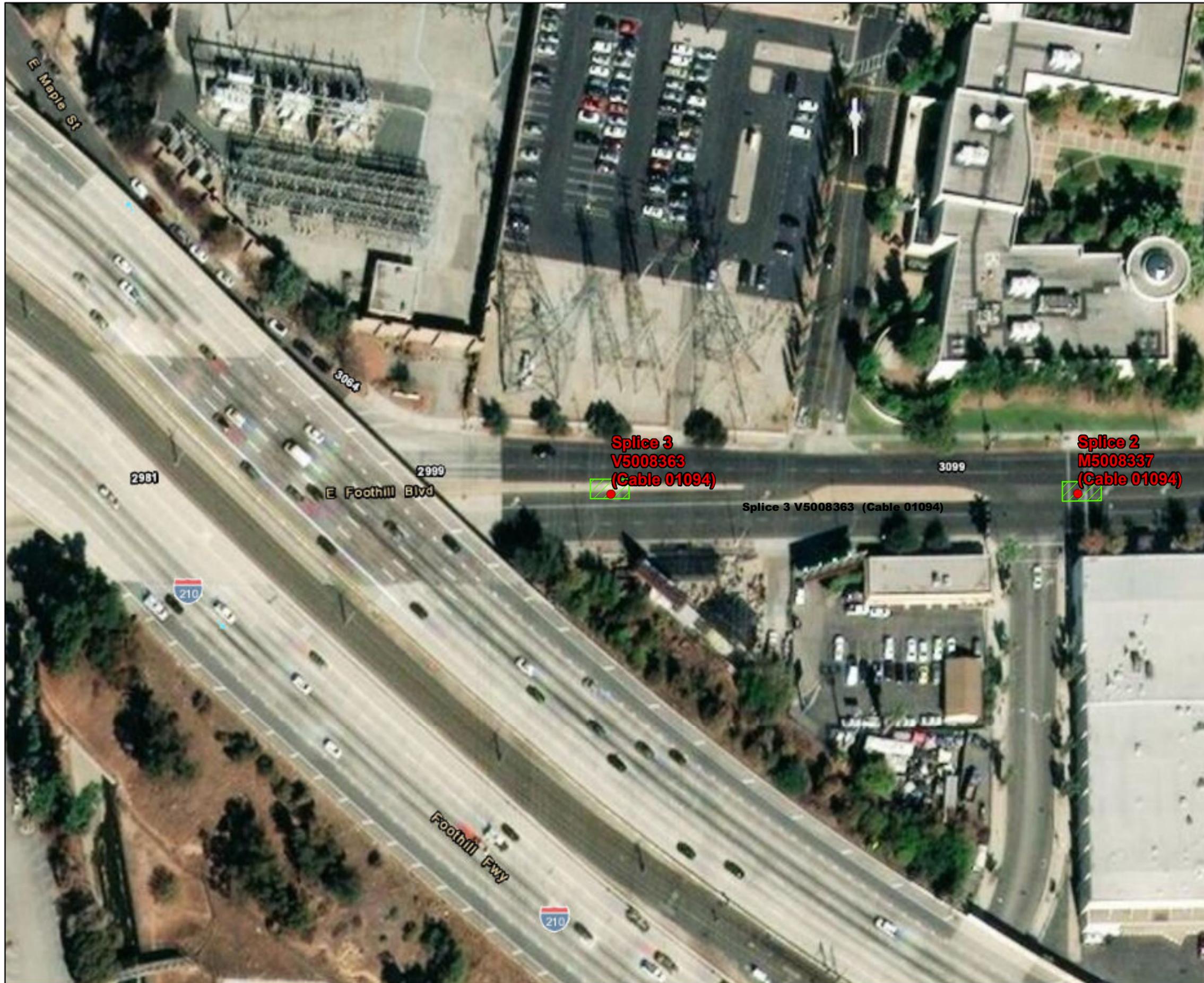


An EDISON INTERNATIONAL Company

MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 3 V5008363 (CABLE 01094)

Legend

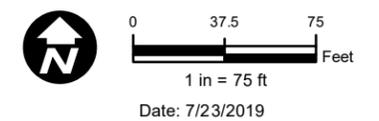
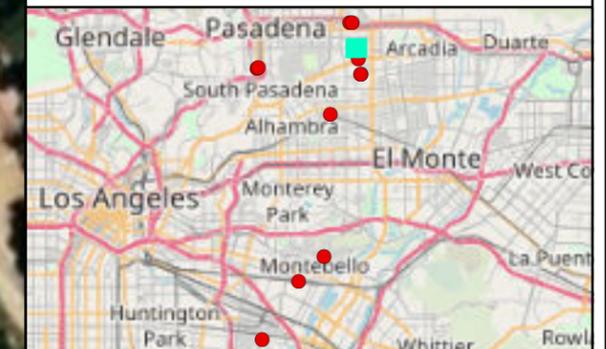
- Splice Access Point
- ▨ Splice Work Area



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 4 4415620E (CABLE 01094)

Legend

- Splice Access Point
- ▨ Splice Work Area



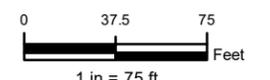
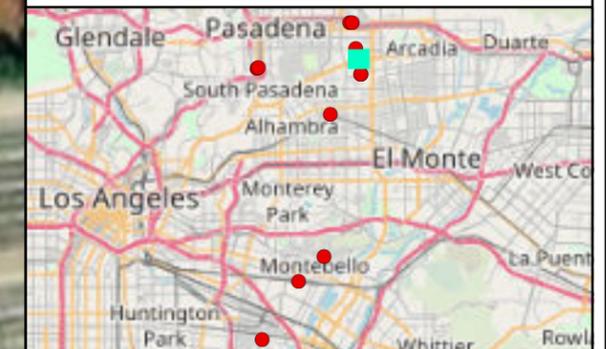
MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 5 4415631E (CABLE 01094)

Legend

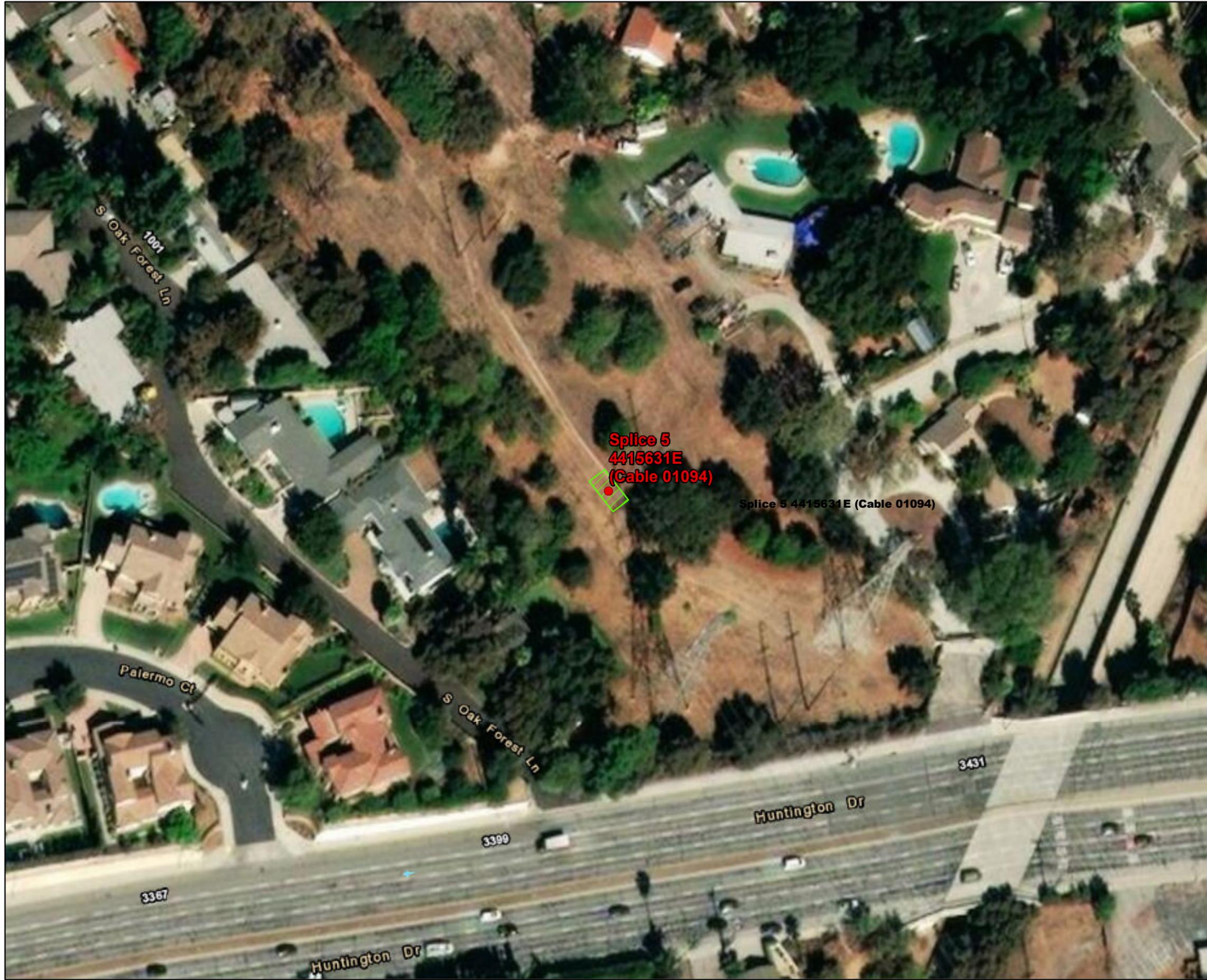
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- ▨ Splice Work Area

Splice 5
4415631E
(Cable 01094)

Splice 5 4415631E (Cable 01094)



Date: 7/23/2019



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 6 4171874E (CABLE 01094)

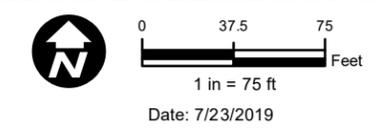
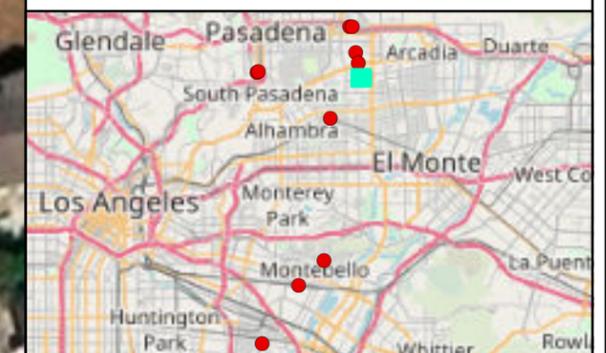
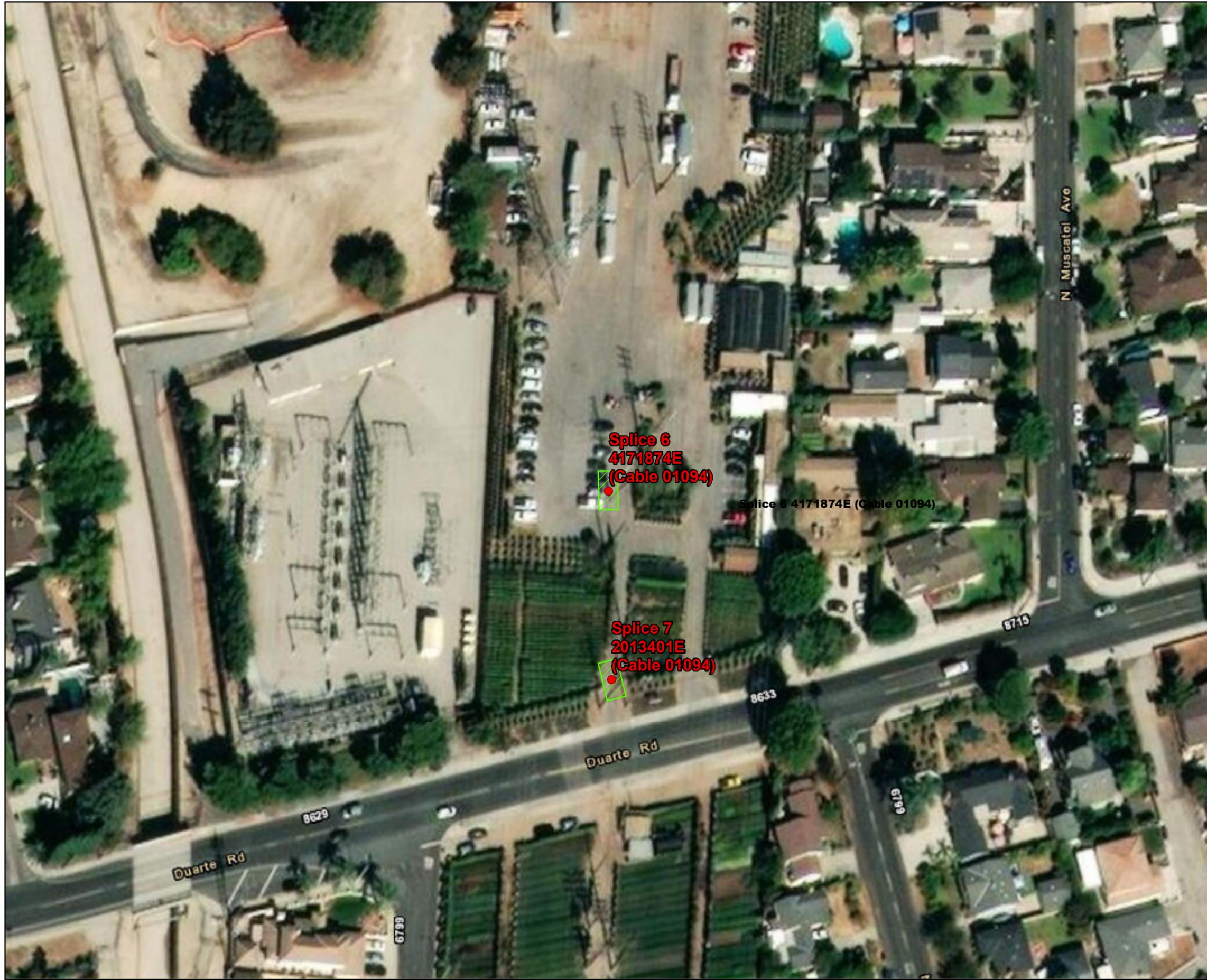
Legend

- Splice Access Point
- ▨ Splice Work Area

Splice 6
4171874E
(Cable 01094)

Splice 6 4171874E (Cable 01094)

Splice 7
2013401E
(Cable 01094)



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 7 2013401E (CABLE 01094)

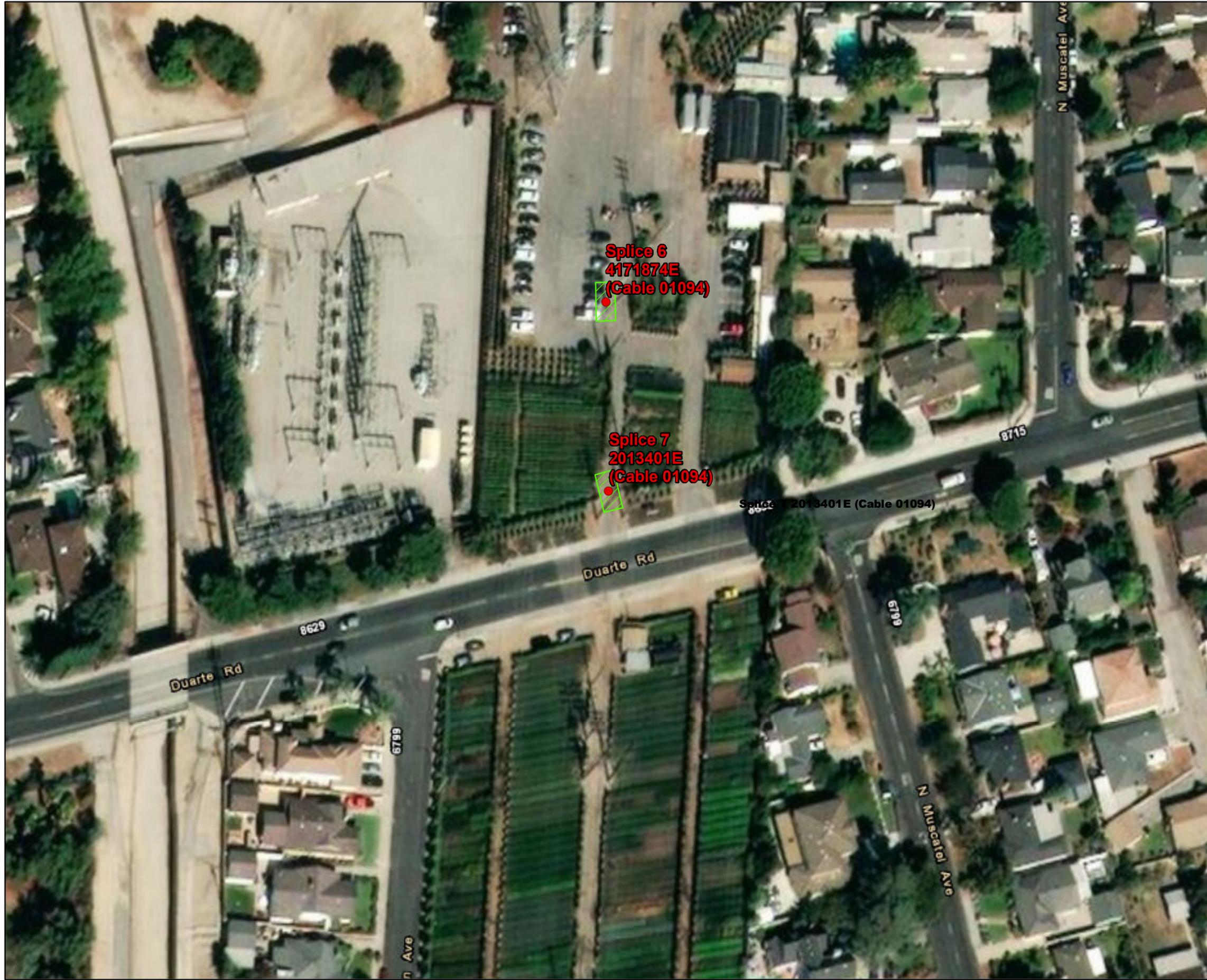
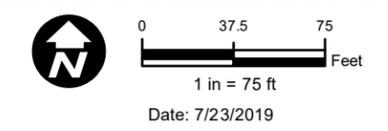
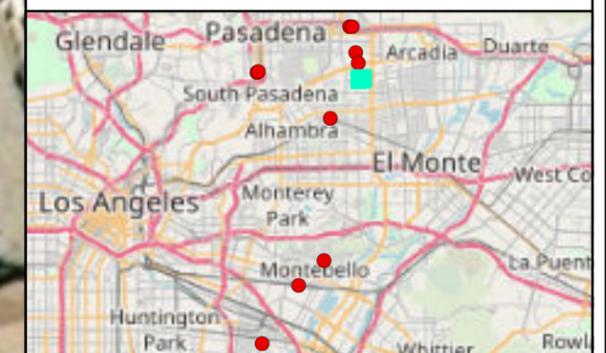
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- Splice Access Point
- ▨ Splice Work Area

Splice 6
4171874E
(Cable 01094)

Splice 7
2013401E
(Cable 01094)

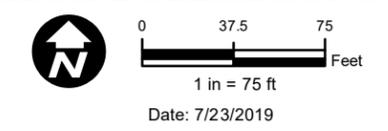
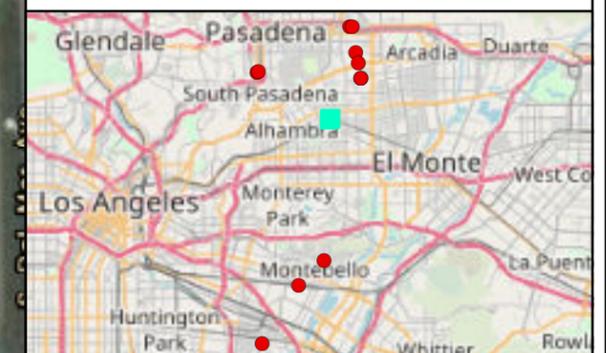
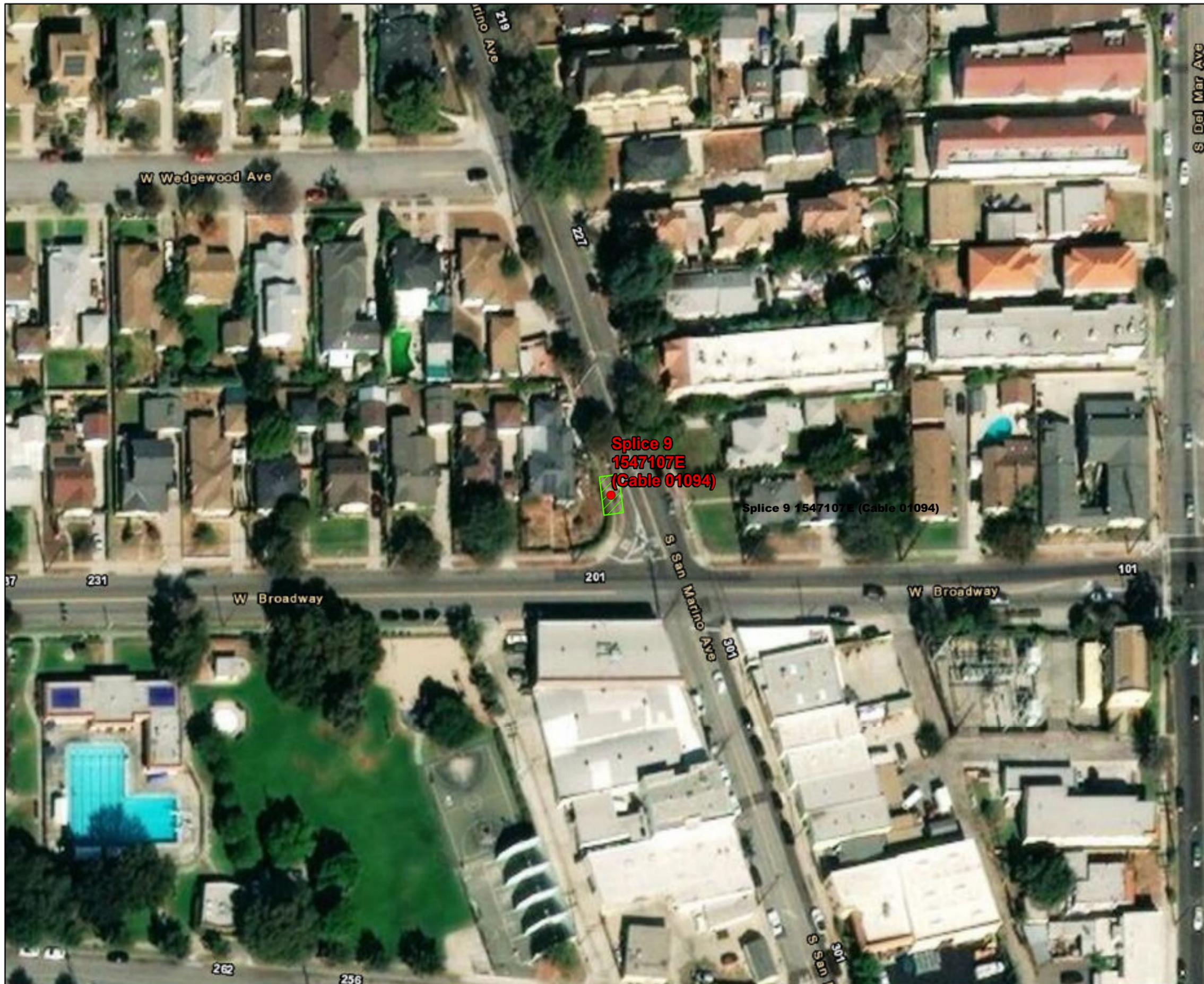
Splice 7 2013401E (Cable 01094)



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 9 1547107E (CABLE 01094)

Legend

- Splice Access Point
- ▨ Splice Work Area



PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 2, 2019

Lori Rangel
Environmental Project Manager
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

RE: Mesa 500-kV Substation Project – Minor Project Change No. 7 Request: Additional Splice Work for Telecom Conduit Changes

Dear Ms. Rangel,

On July 23, 2019, Southern California Edison (SCE) submitted Minor Project Change (MPC) No. 7 Request to the California Public Utilities Commission (CPUC) for review. The proposed MPC would involve transmission telecom crews accessing 12 existing fiber splice cases located on existing poles, manholes, or vaults in order to turn fibers to create communication paths between substations. The 12 existing fiber splice cases are located in the Cities of Pasadena, San Gabriel, Bell Gardens, and Montebello. In the City of Pasadena, manhole M5008337 and vault V5008363 are located near the center divider of E. Foothill Boulevard and Santa Paula Avenue. Poles 4415620E, 4415631E, 4628561E, and 1825243E are in the SCE right-of-way. In the City of San Gabriel, poles 4171874E and 2013401E are in the SCE right-of-way. Pole 1547107E is in public right-of-way (ROW). In the City of Bell Gardens, manhole X9301368 is located on SCE property away from the street. In the City of Montebello, vault V5127267 and manhole M5422379 is in public ROW. Manhole M5422379 is located on the sidewalk.

The proposed work would either be completed at night or day and would take a 2-man crew with an equipment truck and splice lab approximately 4 hours to complete. The work would consist of the crew opening an existing case and re-connecting the additional fibers needed in order to create the path. Encroachment Permit applications have been submitted to the Cities of Pasadena, San Gabriel, Bell Gardens, and Montebello for the locations where SCE will need traffic control. Permits have been received from the Cities of Bell Gardens and Montebello. Work would not proceed in the Cities of Pasadena and San Gabriel prior to receipt of those permits. The following locations are not accessible through an SCE right-of-way:

- In the City of Pasadena: Manhole M5008337 and vault V5008363.
- In the City of San Gabriel: Pole 1547107E.
- In the City of Montebello: For vault V5127267, and manholes M5422379 and M5422379.

SCE would inform the cities of this work and obtain any required permits from the appropriate jurisdictions. Work would be conducted in the following timeframes:

- In the City of Pasadena: Work will be conducted at night for manhole M5008337 and vault V5008363, work. For poles 4415620E, 4415631E, 4628561E, and 1825243E, work will be conducted during the day.
- In the City of San Gabriel: For poles 4171874E and 2013401E, work will be conducted during the day. For pole 1547107E, work will be conducted at night.
- In the City of Bell Gardens: For manhole X9301368, work will be conducted at night.
- In the City of Montebello: For vault V5127267, work will be conducted at night. For manhole M5422379, work will be conducted during the day.

The fiber optic splice case work described above is proposed due to communications load, and therefore additional communications fibers are required at 4628561E, V5127267, M5422379, 1825243E, M5008337, X9301368, V5008363, 4415620E, 4415631E., 4171874E, 2013401E, and 1547107E.

The Mesa 500-kV Substation Project was evaluated in accordance with the California Environmental Quality Act (CEQA), and an Environmental Impact Report (EIR) was prepared by the CPUC. The CPUC issued a Permit to Construct the Project on February 9, 2017 (Decision 17-02-015). The mitigation measures (MMs) and applicant proposed measures (APMs) described in the EIR were adopted by the CPUC as conditions of Project approval. In August 2017 the CPUC adopted the Mitigation Monitoring, Compliance, and Reporting Plan (MMCRP) to ensure compliance with all APMs and MMs during project implementation.

This letter documents the CPUC's evaluation of all activities covered in the MPC No. 7 Request. The CPUC has carefully reviewed this MPC request and has verified that the proposed activities adhere to all applicable APM and MM requirements. The evaluation process ensures that all APMs and MMs applicable to the location, and all activities covered in the MPC are implemented, as required in the CPUC's decision. The evaluation process further ensures that the following criteria are met:

- The proposed change does not trigger additional discretionary permit requirements that are not defined in the EIR or MMCRP.
- The proposed change does not increase the severity of an impact or create a new impact, based on the thresholds used in the EIR.
- The proposed change is within the geographic scope of the study area utilized in the EIR.
- The proposed change does not conflict with any APM or MM, and the refinements would not result in a new conflict with any applicable guideline, ordinance, code, rule, regulation, order, decision, statute, or policy not already identified within the IS/MND.

The CPUC has determined that MPC No. 7 meets the above criteria. MPC No. 7 is approved by the CPUC for the proposed activities based on the factors described below.

CPUC Evaluation of MPC No. 7 Request

The CPUC evaluated SCE's MPC Request No. 7 to verify that it fulfills the requirements of the MMCRP. In accordance with the MMCRP, the CPUC reviewed the request to confirm that no new impacts on sensitive resources, or increases in impact severity, would result from the

requested MPC activities. The following discussion summarizes this analysis for biological, cultural, paleontological, and other environmental resources, areas as well as aesthetics and visual resources.

Location of Ground Disturbance Areas

There will be no ground disturbance under MPC No. 7.

Aesthetics/Visual Impacts

MPC No. 7 does not include additional aboveground structures. Therefore, work under MPC No. 7 would not be expected to substantially degrade the surrounding viewshed. Additionally, construction activities would be temporary (approximately 4 hours total), and, therefore would not cause a permanent significant impact to visual resources.

Biological, Cultural, Paleontological Resources, and other Environmental Resources

MPC No. 7 would occur in areas with non-native vegetation and it is anticipated that all nesting birds in the vicinity of these location have fledged. However, if active nests are observed within the vicinity of the existing poles (4628561E, 1825243E, 4415620E, 4415631E, 4171874E, 2013401E, and 1547107E), vaults (V5127267, V5008363), or manholes (M5422379, M5008337, X9301368), SCE must avoid impacts to the nests by implementing the relevant protection measures of the MMCRP. These include surveying for and monitoring of active nests and other sensitive biological resources (MM BR-9) and implementing disturbance buffers and other measures in the Nesting Bird Management Plan (MM BR-11).

Work under MPC No. 7 would not occur in suitable natural habitat for any special status species, and the work areas do not overlap with USFWS Critical Habitat for any species. No ground disturbance would occur under MPC No.7. Additionally, work would be located within the applicable Final EIR study areas, for sensitive resources, including special status animals and plants, wetlands, and other waters, and cultural and paleontological resources. In addition, no native vegetation or tree removal would occur under MPC No. 7.

No cultural or paleontological resources have been identified within MPC No. 7 work areas. There will be no ground disturbance under MPC No. 7. The work areas are currently SCE ROW's or public streets. Using these areas to add communication fibers would not be a significant additional project impact for cultural or paleontological resources.

Construction activities under MPC No. 7 would be performed during daylight or nighttime hours. It is anticipated that the Cities of Pasadena, San Gabriel, Bell Gardens, and Montebello would require that SCE add communication fibers at night due to its short-term duration and to minimize potential impacts to transportation. SCE would set up appropriate traffic control in the City of Pasadena, for manhole M5008337 and vault V5008363, which are located near the center divider of E. Foothill Boulevard and Santa Paula Avenue. In the City of Montebello, for vault V5127267 and manhole M5422379, traffic control would be provided for a 1-lane closure. Traffic control for pedestrians will be provided as necessary for manhole M5422379, located on the sidewalk in the City of Montebello. In the City of San Gabriel, for pole 1547107E, traffic control will be provided for a 1-lane closure, with assistance for pedestrians as needed. Flaggers posted near the work locations would manage flow by assisting pedestrians and vehicles to

proceed through the work zones. Construction activities in the public roadway would take a 2-man crew with an equipment truck and splice lab approximately 4 hours to complete.

Manhole M5422379 is located on the sidewalk. During construction, SCE will ensure that one of these sidewalks will be available for public use. Any temporarily unavailable sidewalk will be marked, and pedestrian traffic control will be present to ensure the safety of non-project individuals when construction crews are at or near the sidewalks.

The Final EIR documents numerous ephemeral drainages (jurisdictional and non-jurisdictional) in a highly disturbed landscape. These drainages were identified in the Final EIR as experiencing temporary impacts related to project activities. Temporary impacts on these ephemeral drainages associated by MPC No. 7 activities would be consistent with the type and extent of impacts analyzed in the Final EIR. These drainages were identified in the Final EIR as being subject to temporary project-related impacts. The installation of communication fiber cables at the various existing fiber splice cases would not fall within drainage areas, so permanent impacts are not anticipated. Furthermore, work activities under MPC No. 7 would take place in areas that are already flat and paved and thus no alteration to existing drainages would occur. Nonetheless, SCE would be required to adhere to all measures and strategies described in their Stormwater Pollution Prevention Plan (SWPPP) and Streambed Alteration Agreement (SAA) to minimize impacts to water features site-wide.

Permits

Encroachment Permit applications have been submitted to the Cities of Pasadena, San Gabriel, Bell Gardens, and Montebello for the locations where SCE will need traffic control, or locations not accessible through SCE right-of-way. Permits have been received from the City of Bell Gardens and Montebello. Work will not proceed in the City of Pasadena and San Gabriel prior to receipt of those permits. The following locations are not accessible through an SCE right-of-way:

- In the City of Pasadena: Manhole M5008337 and vault V5008363.
- In the City of San Gabriel: Pole 1547107E.
- In the City of Montebello: For vault V5127267, and manholes M5422379 and M5422379.

Traffic control will be maintained as follows:

- In the City of Pasadena: For manhole M5008337 and vault V5008363, which are located near the center divider of E. Foothill Boulevard and Santa Paula Avenue, appropriate traffic control will be provided. For poles 4415620E, 4415631E, 4628561E, and 1825243E, traffic control is not required because these poles are located in the SCE right-of-way on SCE property.
- In the City of San Gabriel: For poles 4171874E and 2013401E, traffic control is not required because these poles are located in the SCE right-of-way. For pole 1547107E, traffic control will be provided for a 1-lane closure, with assistance for pedestrian access as needed.
- In the City of Bell Gardens: For manhole X9301368, traffic control is not required because this pole is located on SCE Property away from the street.

- In the City of Montebello: For vault V5127267, traffic control will be provided for a 1-lane closure and pedestrian access will not be affected since the vault is located on the roadway. For manhole M5422379, which is located on the sidewalk, pedestrian and traffic control will be provided as necessary.

MPC No. 7 Conditions of Approval

MPC No. 7 is approved by the CPUC with conditions. The conditions presented below shall be met by SCE and its contractors:

1. All applicable Project MMs, APMs, compliance plans, and permit conditions shall be implemented. Some measures have on-going/time-sensitive requirements and shall be implemented prior to and during construction, where applicable.
2. Copies of all relevant permits, compliance plans, and this MPC, shall be available on site for the duration of construction activities.
3. SCE shall implement all appropriate erosion and sediment control BMPs for the MPC No. 7 refinement area as defined in the SWPPP, and as specified by the Qualified SWPPP Practitioner. Sediment and erosion control BMPs shall be properly maintained throughout the duration of construction activities, where appropriate.
4. All activities (e.g., grading, trenching, etc.) shall be monitored by CPUC-approved monitors in accordance with the MMCRP, where appropriate.
5. All complaints related to MPC No. 7 activities received by SCE shall be logged and reported immediately to the CPUC. This includes complaints relevant to traffic, as well as lighting, noise, vibration, dust, etc. Where feasible, complaints shall be resolved, depending on the nature of the complaint, through construction site or activity modifications. Complaints or disputes that cannot be modified through construction site or activity modifications shall be resolved through the dispute resolution communications processes described in the MMCRP.

Please contact me if you have any questions or concerns regarding this MPC approval.

Sincerely,

Connie Chen

Connie Chen
CPUC Project Manager

cc:

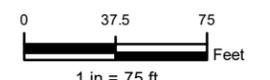
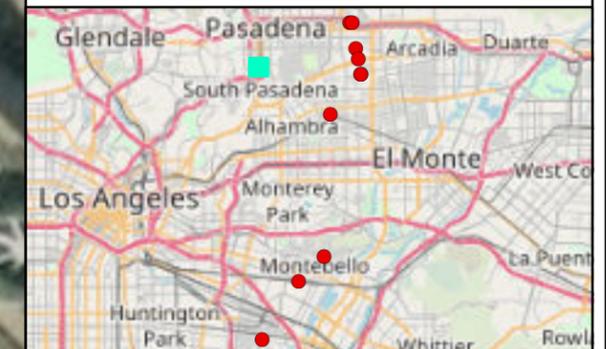
Silvia Yanez, E & E Compliance Manager
Fernando Guzman, E & E Deputy Compliance Manager
Don Dow, SCE Project Manager

Attachment 1:
MPC No. 7 Request Splice Locations

MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 1 4628561E (CABLE 01164)

Legend

- Splice Access Point
- ▨ Splice Work Area



Date: 7/23/2019



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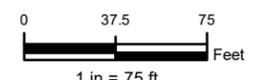
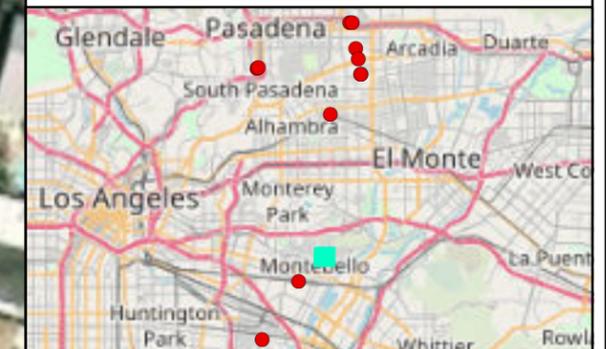
MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 1 V5127267 (CABLE 01088)

Legend

- Splice Access Point
- ▨ Splice Work Area

Splice 1
V5127267
(Cable 01088)

Splice 1 V5127267 (Cable 01088)



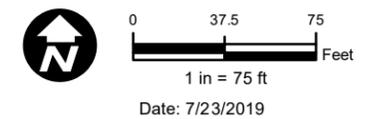
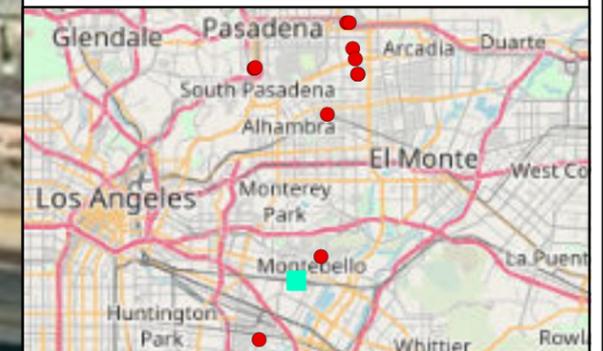
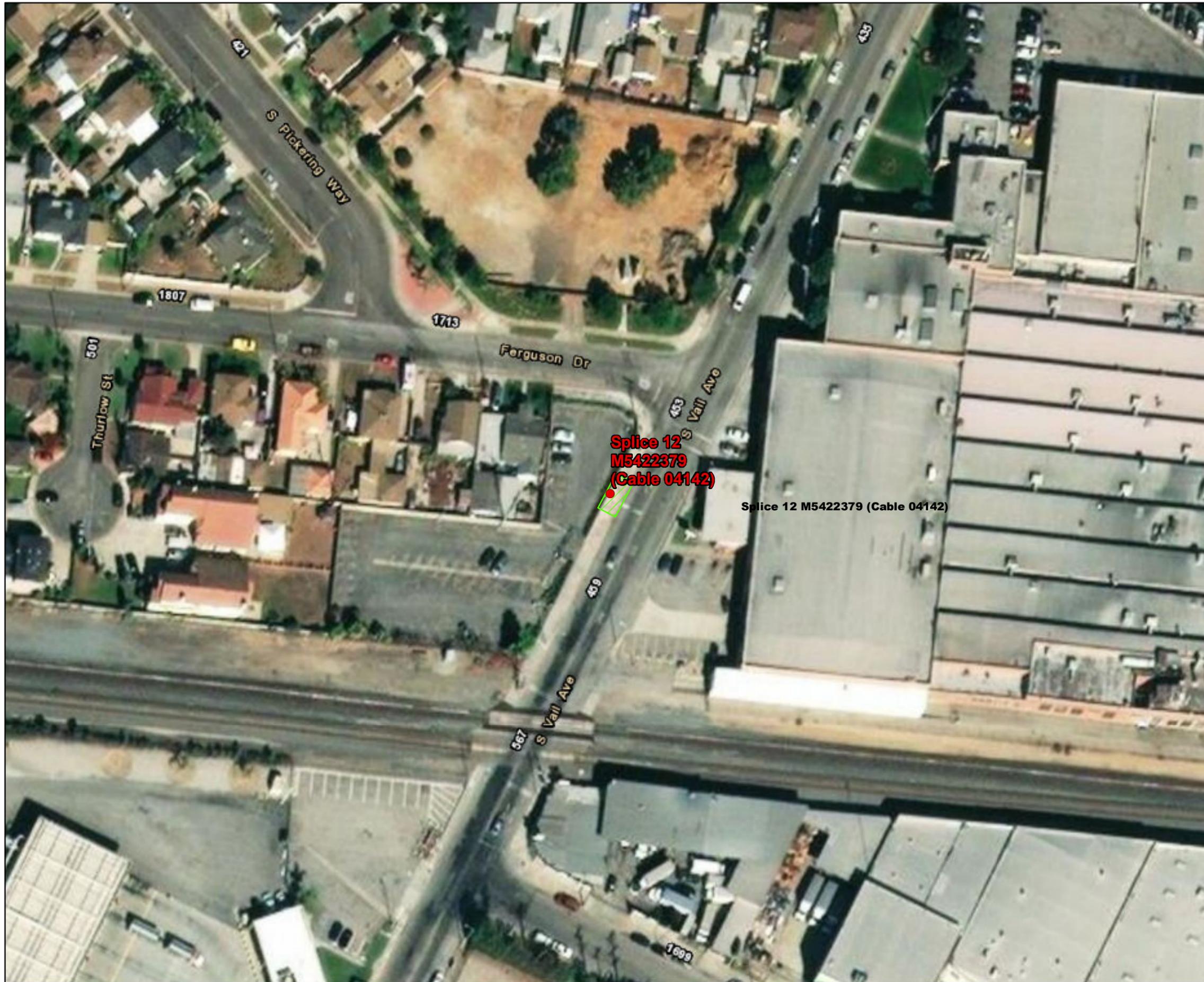
Date: 7/23/2019



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 12 M5422379 (CABLE 04142)

Legend

- Splice Access Point
- ▨ Splice Work Area

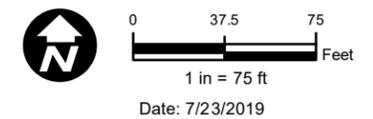
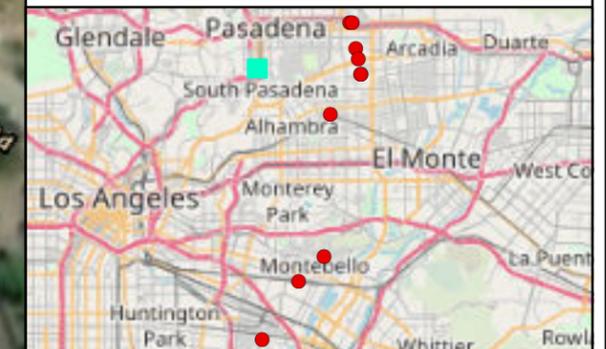
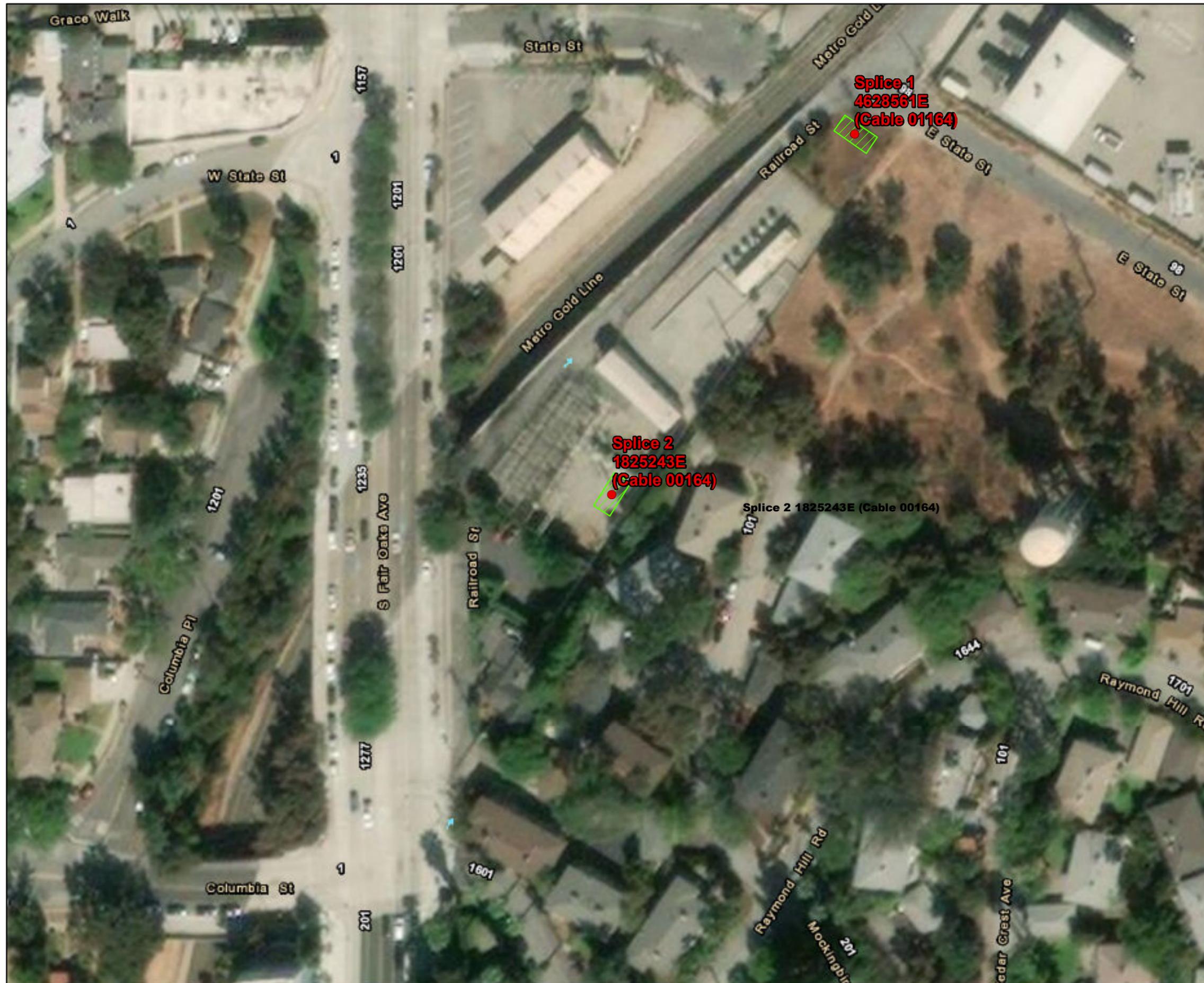


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MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 2 1825243E (CABLE 00164)

Legend

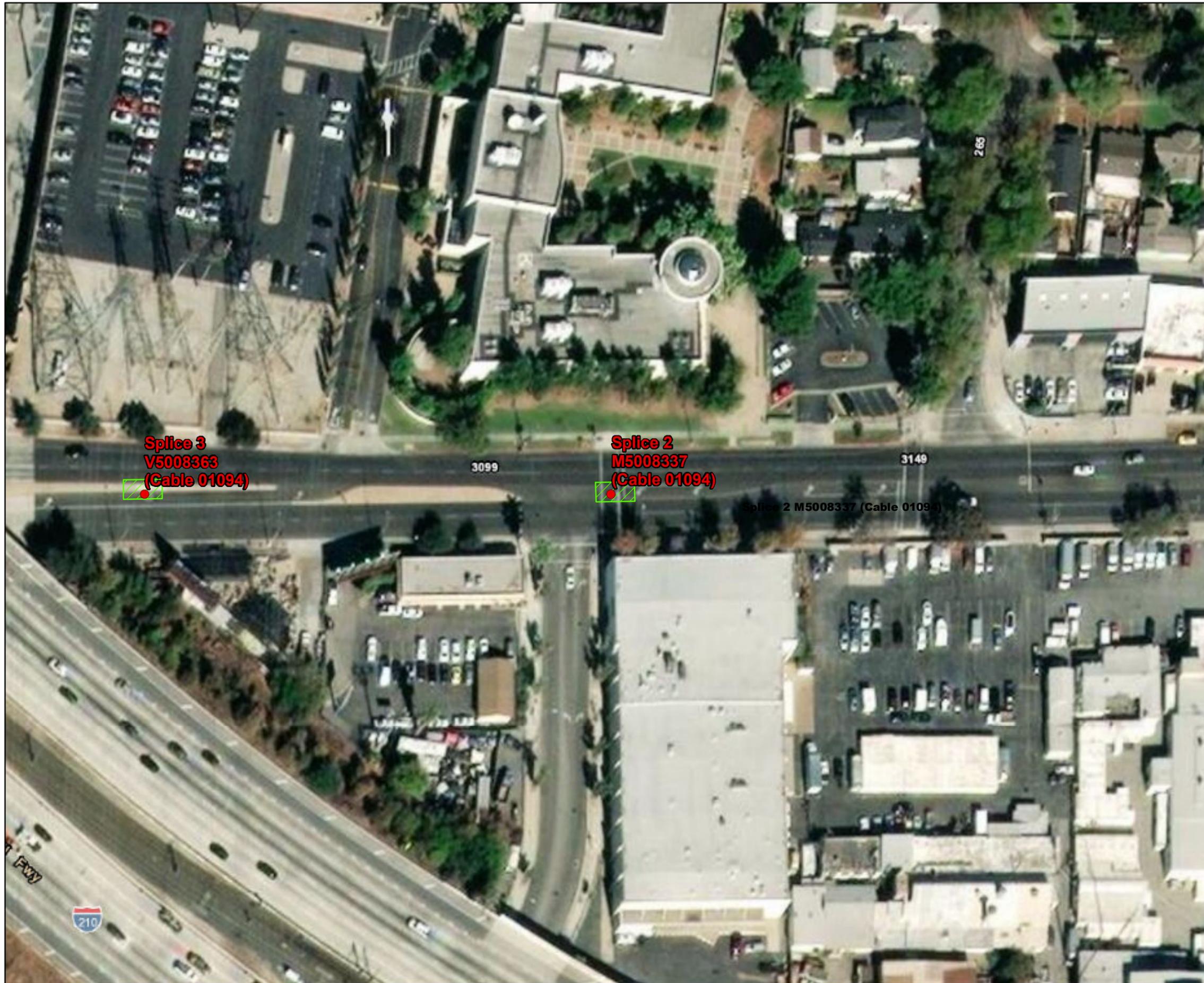
- Splice Access Point
- ▨ Splice Work Area



MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 2 M5008337 (CABLE 01094)

Legend

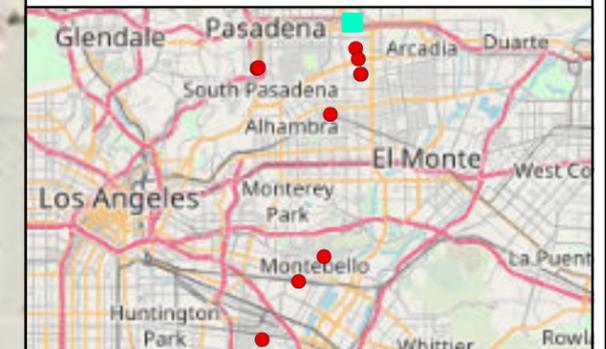
- Splice Access Point
- ▨ Splice Work Area



Splice 3
V5008363
(Cable 01094)

Splice 2
M5008337
(Cable 01094)

Splice 2 M5008337 (Cable 01094)



0 37.5 75
Feet
1 in = 75 ft

Date: 7/23/2019



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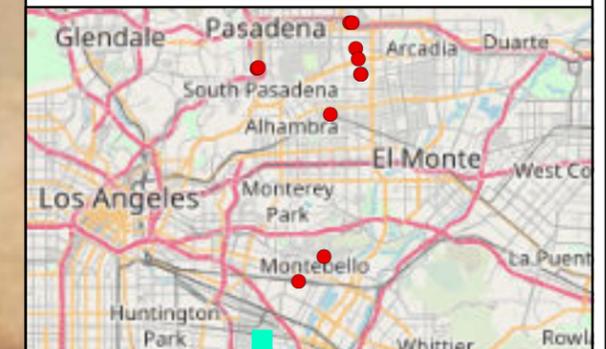
MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 28 X9301368 (CABLE 04142)

Legend

- Splice Access Point
- ▨ Splice Work Area

**Splice 28
X9301368
(Cable 04142)**

Splice 28 X9301368 (Cable 04142)



0 37.5 75
Feet
1 in = 75 ft

Date: 7/23/2019



An EDISON INTERNATIONAL Company

MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE 3 V5008363 (CABLE 01094)

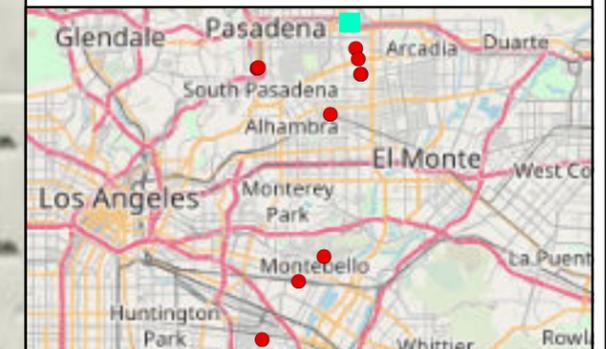
Legend

- Splice Access Point
- ▨ Splice Work Area

Splice 3
V5008363
(Cable 01094)

Splice 2
M5008337
(Cable 01094)

Splice 3 V5008363 (Cable 01094)



0 37.5 75
Feet
1 in = 75 ft

Date: 7/23/2019



Attachment 2:

MPC No. 7 Request Splice Locations and Proximity to FEIR Analyzed Project Features

**MESA 500KV SUBSTATION
MINOR PROJECT CHANGE SEVEN
SPLICE LOCATIONS AND PROXIMITY
FEIR ANALYZED PROJECT FEATURES**

Legend

-  Splice Access Point
-  Splice Work Area
-  FEIR Analyzed Substation

Splice Location	Associated Satellite Substation	Distance to Associated Substation
Splice 1 4628561E (Cable 01164)	Garfield Substation	196 feet
Splice 1 V5127267 (Cable 01088)	Mesa Substation	5,158 feet
Splice 12 M5422379 (Cable 04142)	Vail Substation	1,806 feet
Splice 2 1825243E (Cable 00164)	Garfield Substation	482 feet
Splice 2 M5008337 (Cable 01094)	Goodrich Substation	562 feet
Splice 28 X9301368 (Cable 04142)	Laguna Bell Substation	595 feet
Splice 3 V5008363 (Cable 01094)	Goodrich Substation	260 feet
Splice 4 4415620E (Cable 01094)	Ravendale Substation	5,009 feet
Splice 5 4415631E (Cable 01094)	Ravendale Substation	2,855 feet
Splice 6 4171874E (Cable 01094)	Ravendale Substation	479 feet
Splice 6 4171874E (Cable 01094)	Ravendale Substation	545 feet
Splice 9 1547107E (Cable 01094)	San Gabriel Substation	333 feet

