

**ATTACHMENT G: SECOND ADDENDUM TO THE DESERT TORTOISE PRE-PROJECT
SURVEY REPORT**

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MEMO

To: Rey Gonzales, Southern California Edison Company (SCE)
Ray Bransfield, United States Fish and Wildlife Service (USFWS)
Wendy Campbell, California Department of Fish and Wildlife (CDFW)

From: Audrey Johnson, Insignia Environmental (Insignia)

Date: December 7, 2017

Re: Addendum to the Desert Tortoise Pre-Project Survey Report for the Eldorado-Lugo-Mohave Series Capacitor Project (Proposed Project)

SCE's Proposed Project includes the construction of two new mid-line series capacitors, three telecommunication repeaters, and other improvements along the existing Eldorado-Lugo, Eldorado-Mohave, and Lugo-Mohave 500 kilovolt transmission lines in San Bernardino County, California and Clark County, Nevada. In October 2016, Insignia conducted presence/absence surveys for the Mojave desert tortoise (*Gopherus agassizii*) in the Proposed Project area. On December 13, 2016, these results were submitted to the USFWS and the CDFW in the form of the Desert Tortoise Pre-Project Survey Report for the Proposed Project. Additional presence/absence surveys were conducted in May 2017 and were summarized in a memo submitted to the USFWS and CDFW in July 2017. After the submittal of the original report and the subsequent memo, an additional desert tortoise survey was conducted on approximately 12 acres in October 2017, and this area was added to the Biological Resources Survey Area (BRSA), as shown in Attachment A: Desert Tortoise Survey Area within the Additional Biological Resources Survey Area. None of the additional BRSA is located within desert tortoise critical habitat. The additional BRSA consisted of creosote scrub and bare ground within the existing access roads. The habitat was relatively disturbed due to its proximity to the existing infrastructure. The level of disturbance was greater on the southwest side of the existing access road. This memo presents the results of the desert tortoise surveys conducted within the additional BRSA.

Survey Methodology

Insignia biologists Nick Wagner and Audrey Johnson conducted the desert tortoise presence/absence surveys within the approximately 12 acres of additional BRSA on October 4 and 5, 2017. The surveys were conducted in accordance with the USFWS's protocol survey guidelines (2010) and included surveying three 10-meter belt transects at 200-meter intervals encircling the work area perimeter (200, 400, and 600 meters from the perimeter of the work area). In addition, based on discussions with the USFWS, an approximately 20-meter buffer around the BRSA was also surveyed in order to remain consistent with the previous presence/absence surveys conducted for the project. Details of the survey methodology are discussed in the 2016 Desert Tortoise Pre-Project Survey Report.

Results

The Insignia biologists observed no live desert tortoises or desert tortoise sign during the surveys within the additional BRSA.

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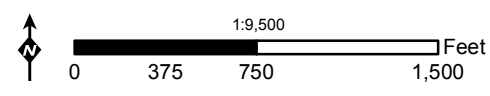
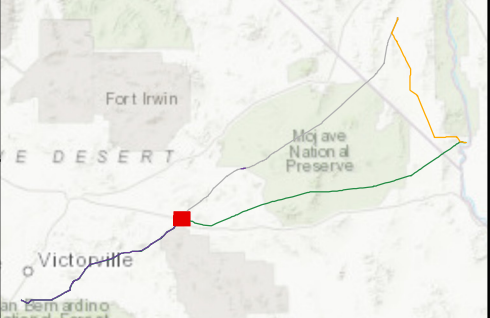
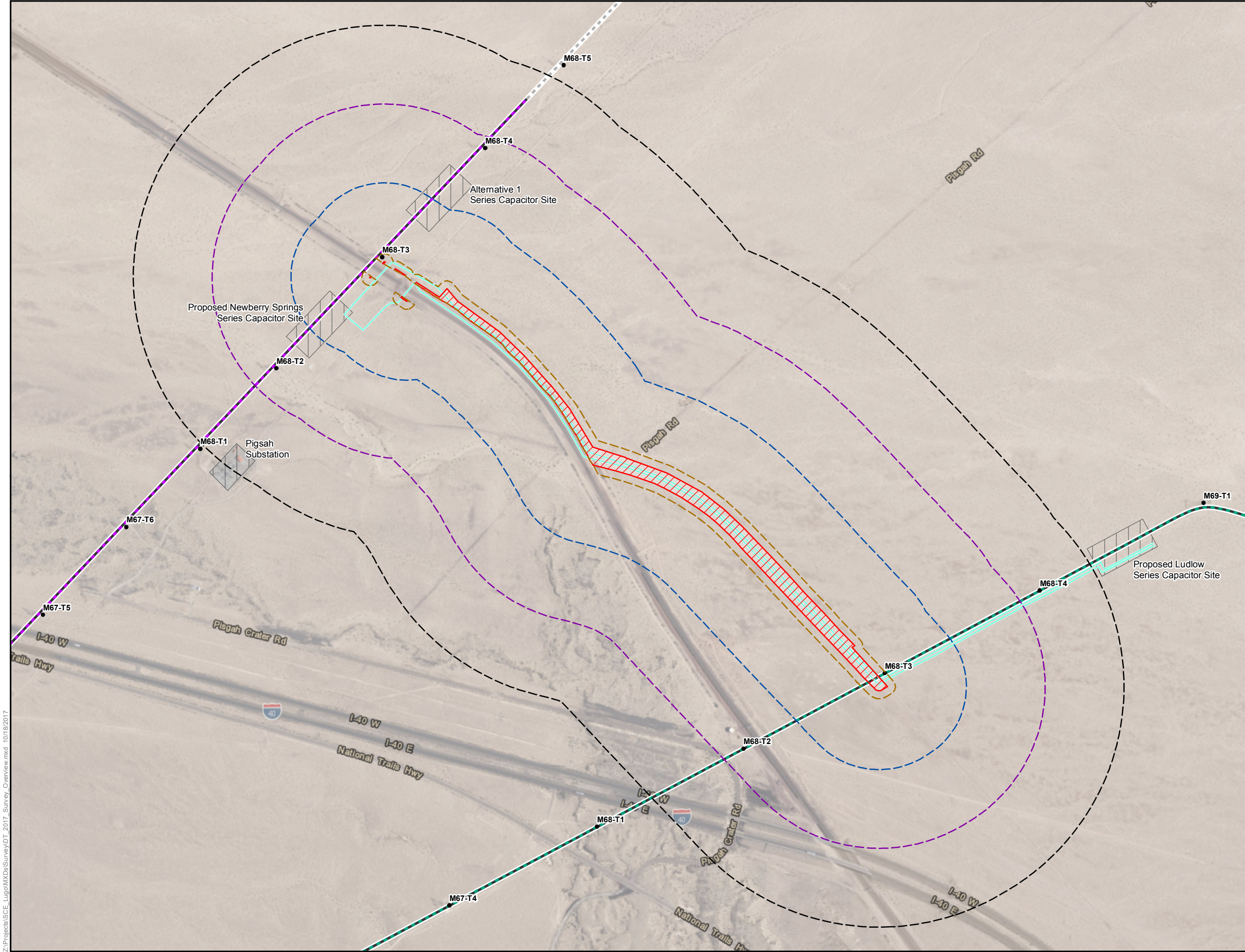
**ATTACHMENT A: DESERT TORTOISE SURVEY AREA WITHIN THE ADDITIONAL BIOLOGICAL
RESOURCES SURVEY AREA**

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**Attachment A:
Desert Tortoise Survey Areas
within the Additional Biological
Resources Survey Area**

**Eldorado-Lugo-Mohave
Series Capacitor Project**

- Structure
 - Alternative Telecommunication Alignment
 - Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission Line not part of Project
 - ▭ Substation/Series Capacitor Boundary
 - ▨ Desert Tortoise Survey Area 2017
- Desert Tortoise Survey Buffers**
- ▭ 20 Meters
 - ▭ 200 Meters
 - ▭ 400 Meters
 - ▭ 600 Meters



Source: Insignia, 2017; SCE

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