

APPENDIX E: DETAILED ROUTE MAP

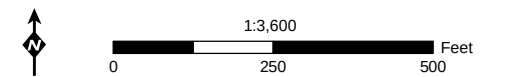
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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Existing Manhole
- New Manhole
- Existing Substation
- Helicopter Landing Zone
- Telecommunication Work Area
- Wire Setup
- Substation
- Substation Boundary
- Construction Material Yard
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - New Transmission Structure
 - Splicing
 - Transmission Structure Removal
- Telecommunication Alignment**
 - Existing Telecommunication Alignment
 - New Telecommunication Alignment

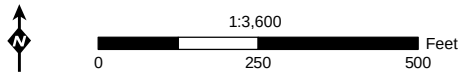


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Construction Material Yard
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

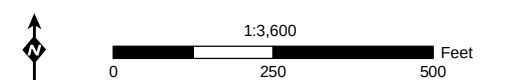
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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

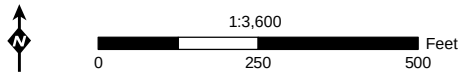


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



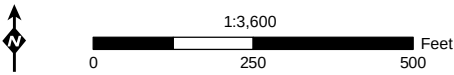
Source: Insignia, 2018; SCE, 2018

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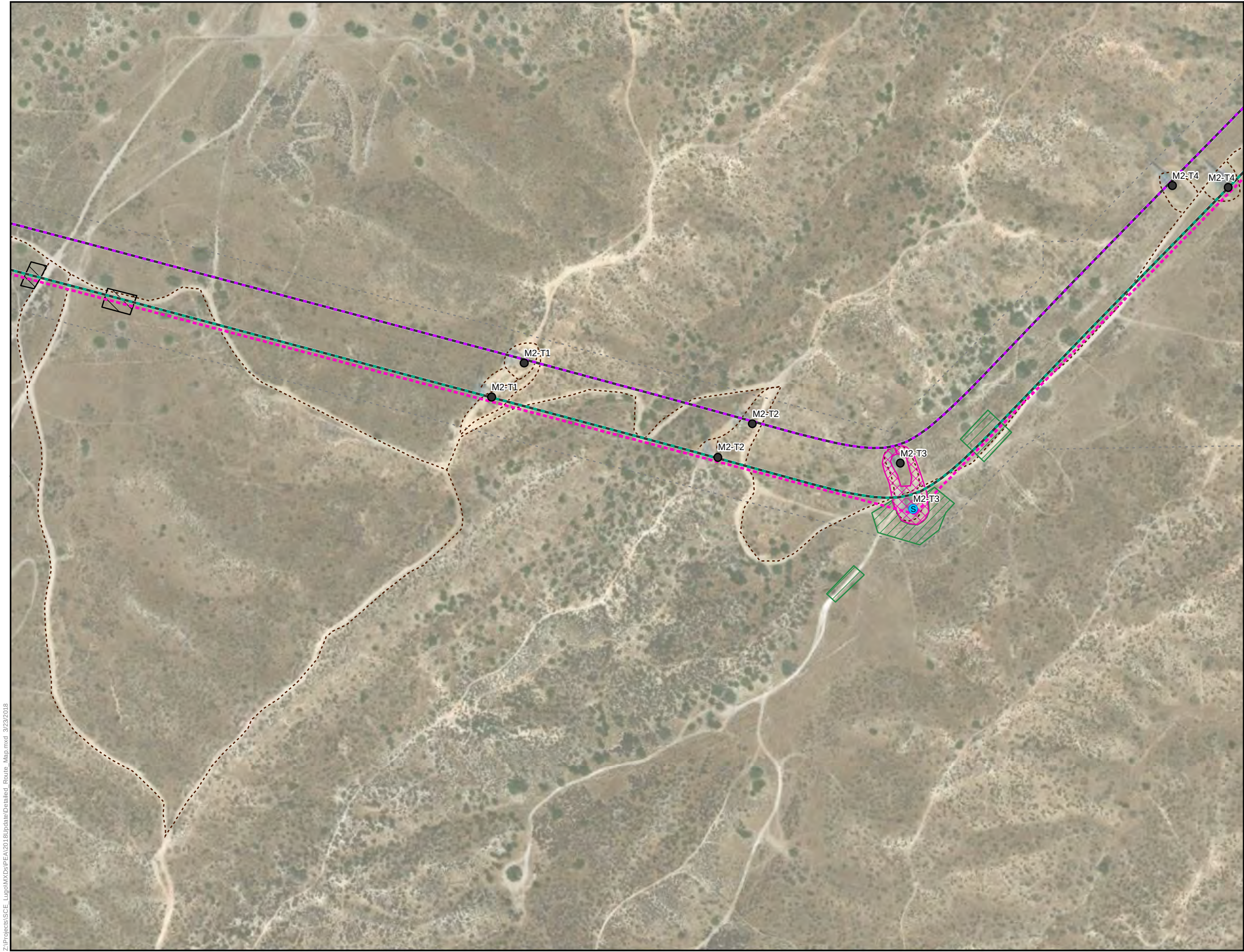
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing



Source: Insignia, 2018; SCE, 2018



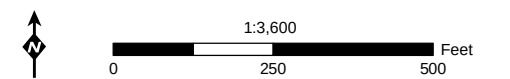
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



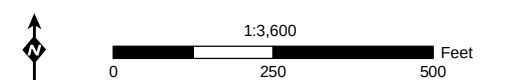
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

-  Eldorado - Lugo 500 kV Transmission Line
-  Lugo - Mohave 500 kV Transmission Line
-  Helicopter Landing Zone
-  Discrepancy Grading Limit
-  Transmission OPGW Alignment
-  Existing Access
-  Access Road
-  Right-of-Way
- Transmission Structure**
 -  Existing Transmission Structure



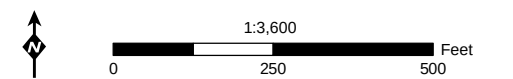
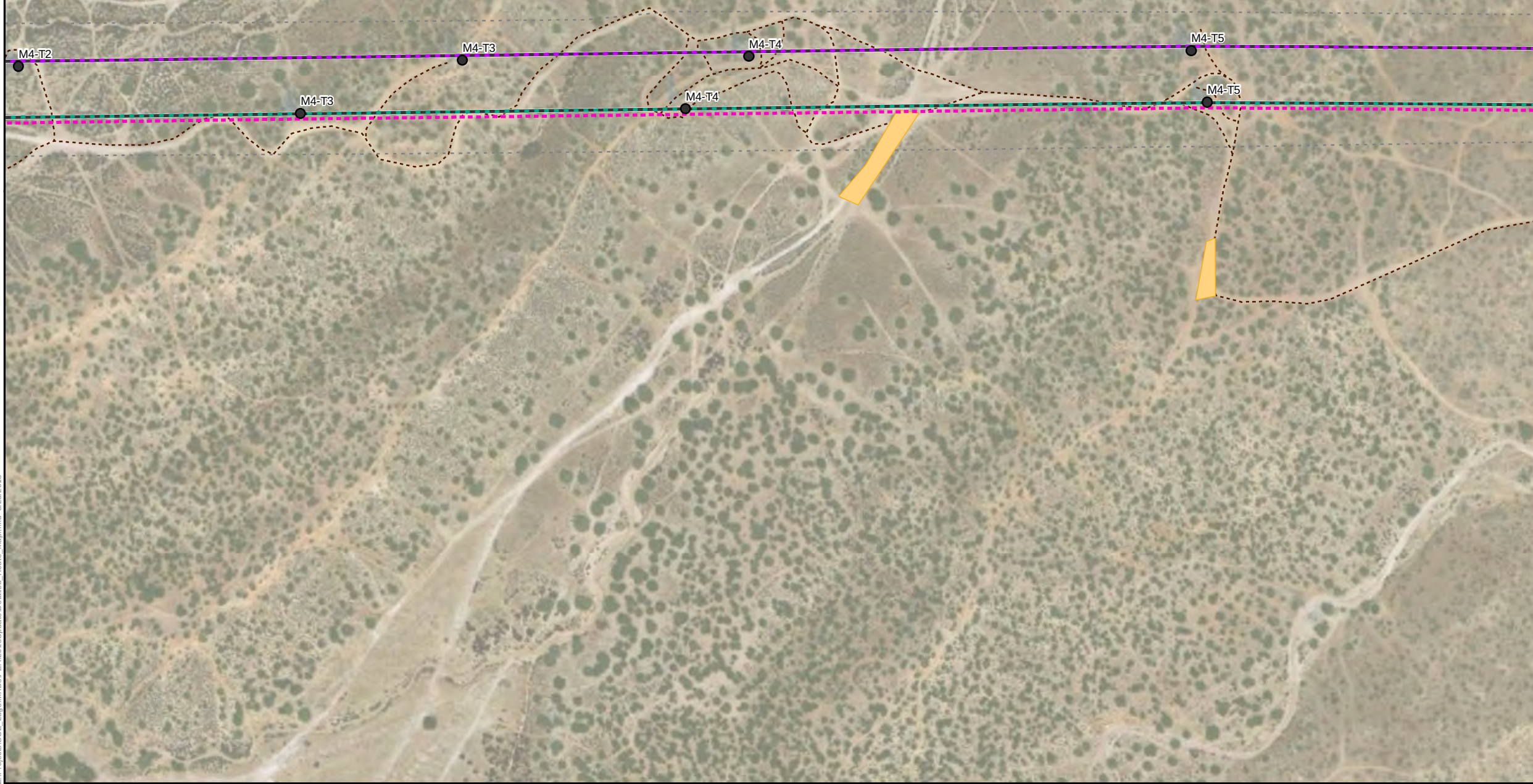
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

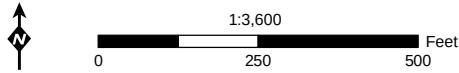


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

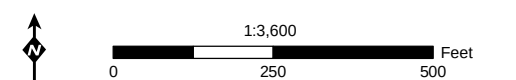
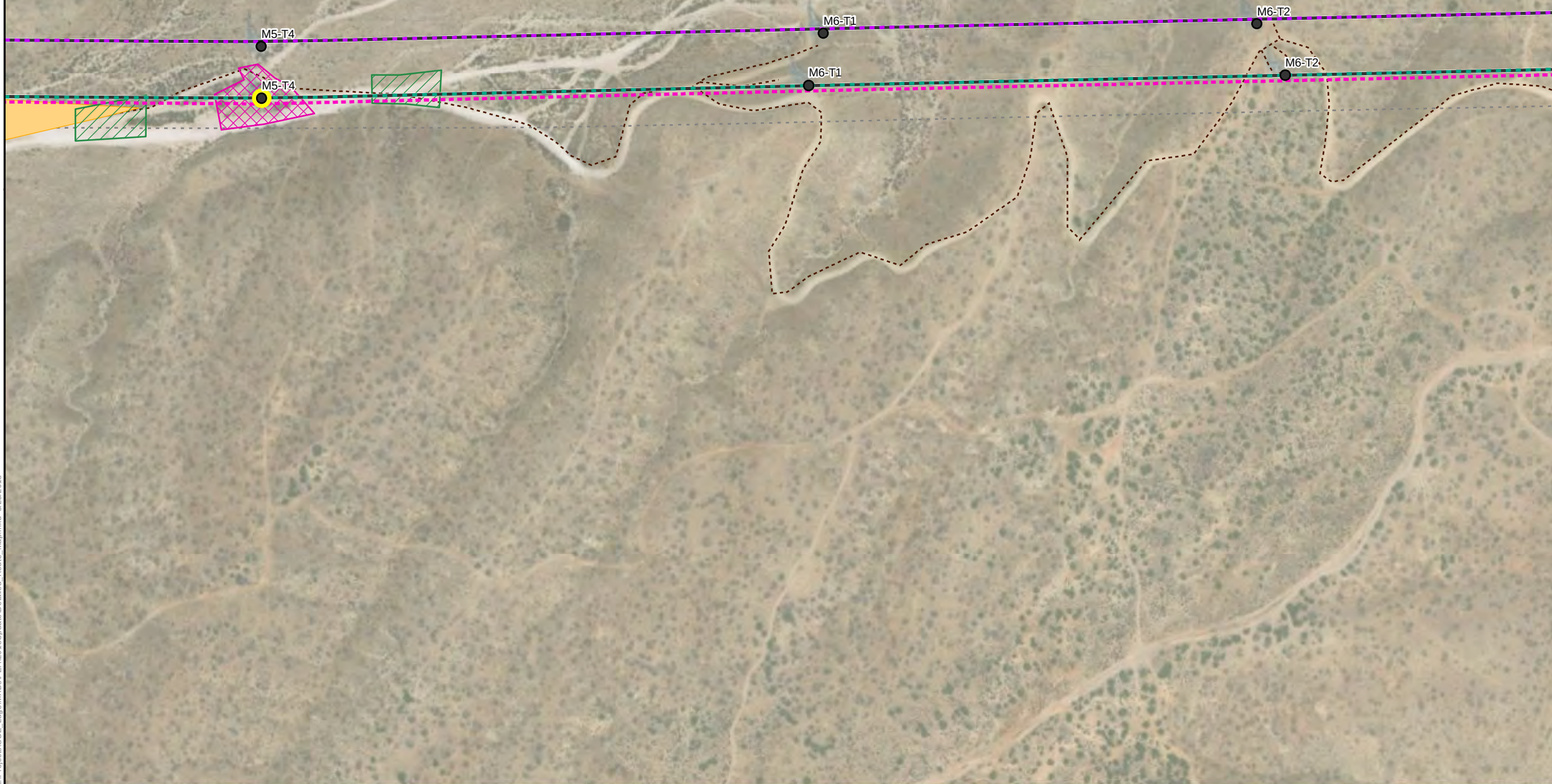


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



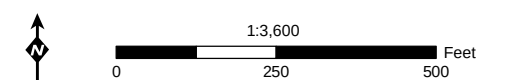
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

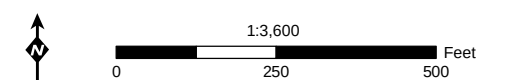
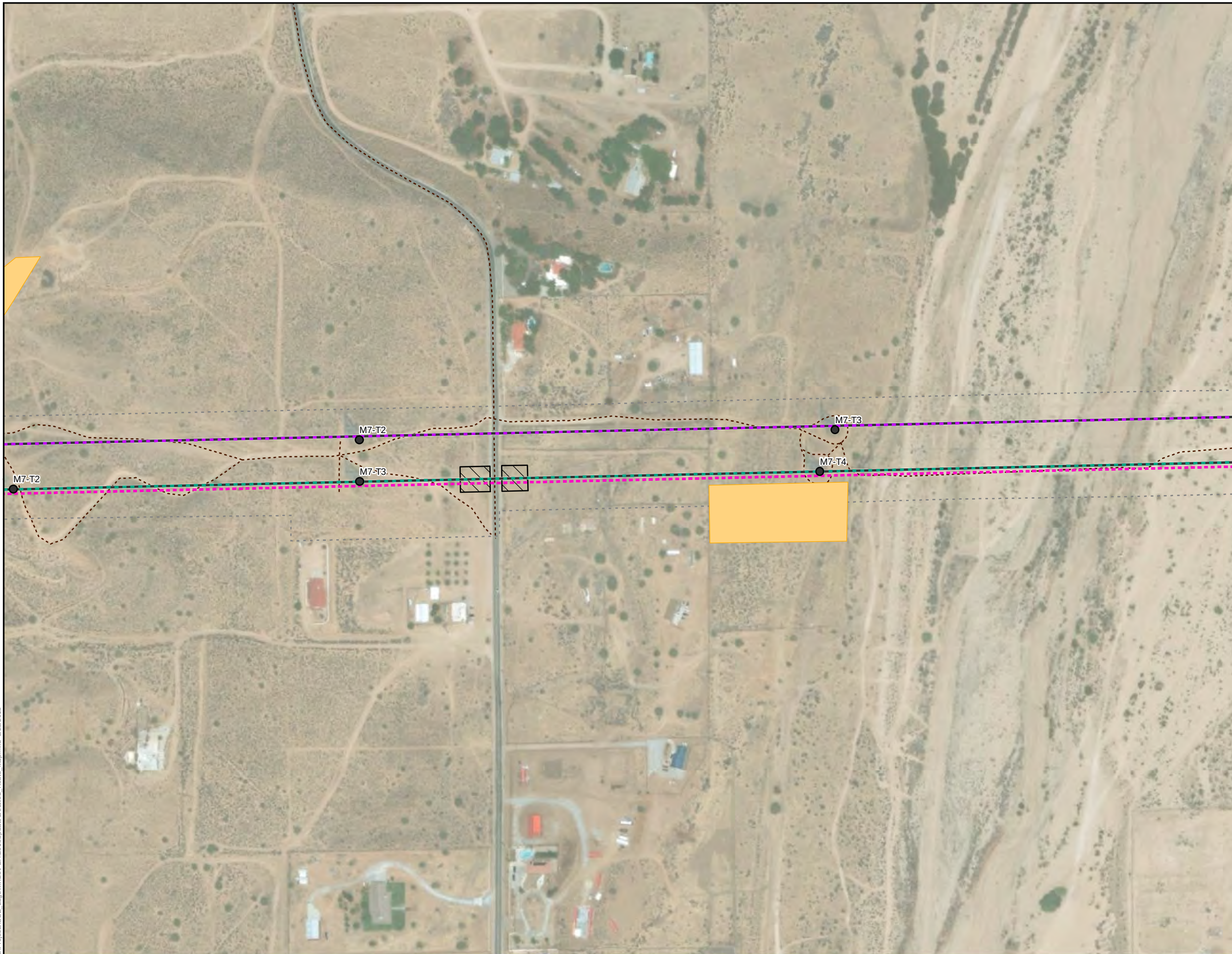


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

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

-  Construction Material Yard
 Existing Access



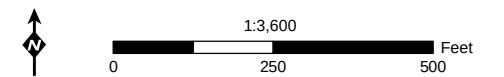
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Discrepancy Work Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
- Distribution Structure**
 - Modified Distribution Structure
- Distribution Alignment**
 - Overhead

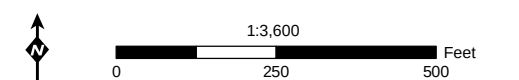


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing



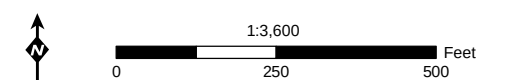
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

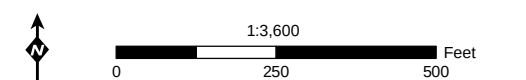


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

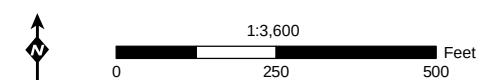


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



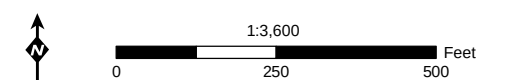
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

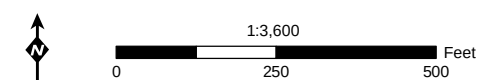
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

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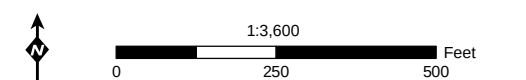
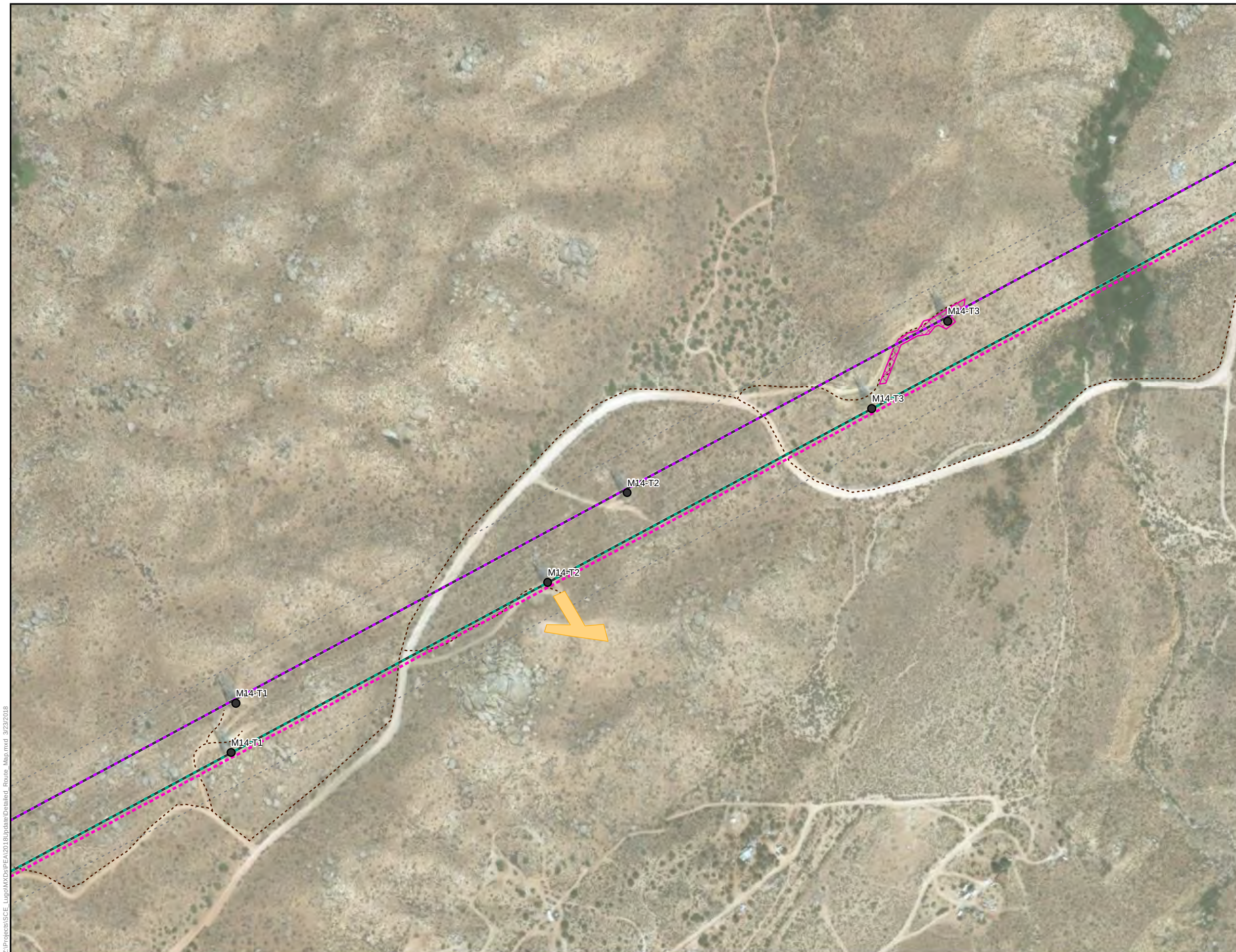


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

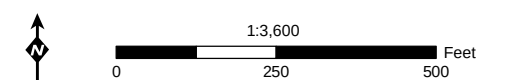


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

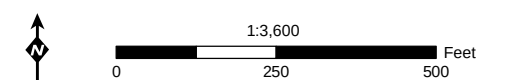


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



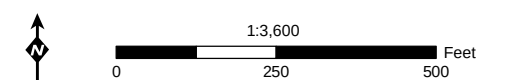
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

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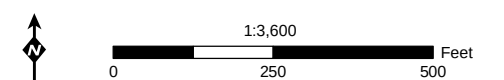


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



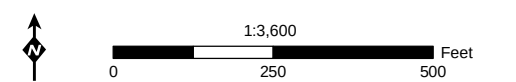
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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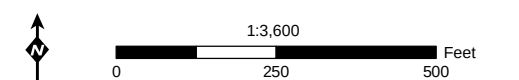


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Splicing



Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

-  Eldorado - Lugo 500 kV Transmission Line
-  Lugo - Mohave 500 kV Transmission Line
-  Guard Structure Area
-  Helicopter Landing Zone
-  Transmission OPGW Alignment
-  Existing Access
-  Right-of-Way
- Transmission Structure**
 -  Existing Transmission Structure



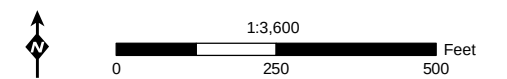
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Discrepancy Work Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
- Subtransmission Structure**
 - Existing Subtransmission Structure
 - Modified Subtransmission Structure
- Subtransmission Overhead Alignment**
 - Modified Subtransmission Overhead Alignment
 - Existing Subtransmission Overhead Alignment



Source: Insignia, 2018; SCE, 2018

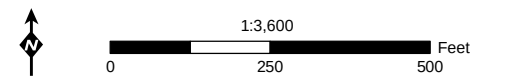
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**Eldorado-Lugo-Mohave
Series Capacitor Project**

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Construction Material Yard
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Guard Structure Area
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Splicing



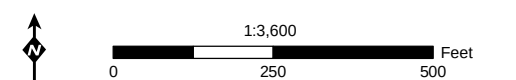
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

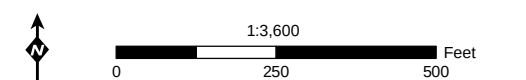
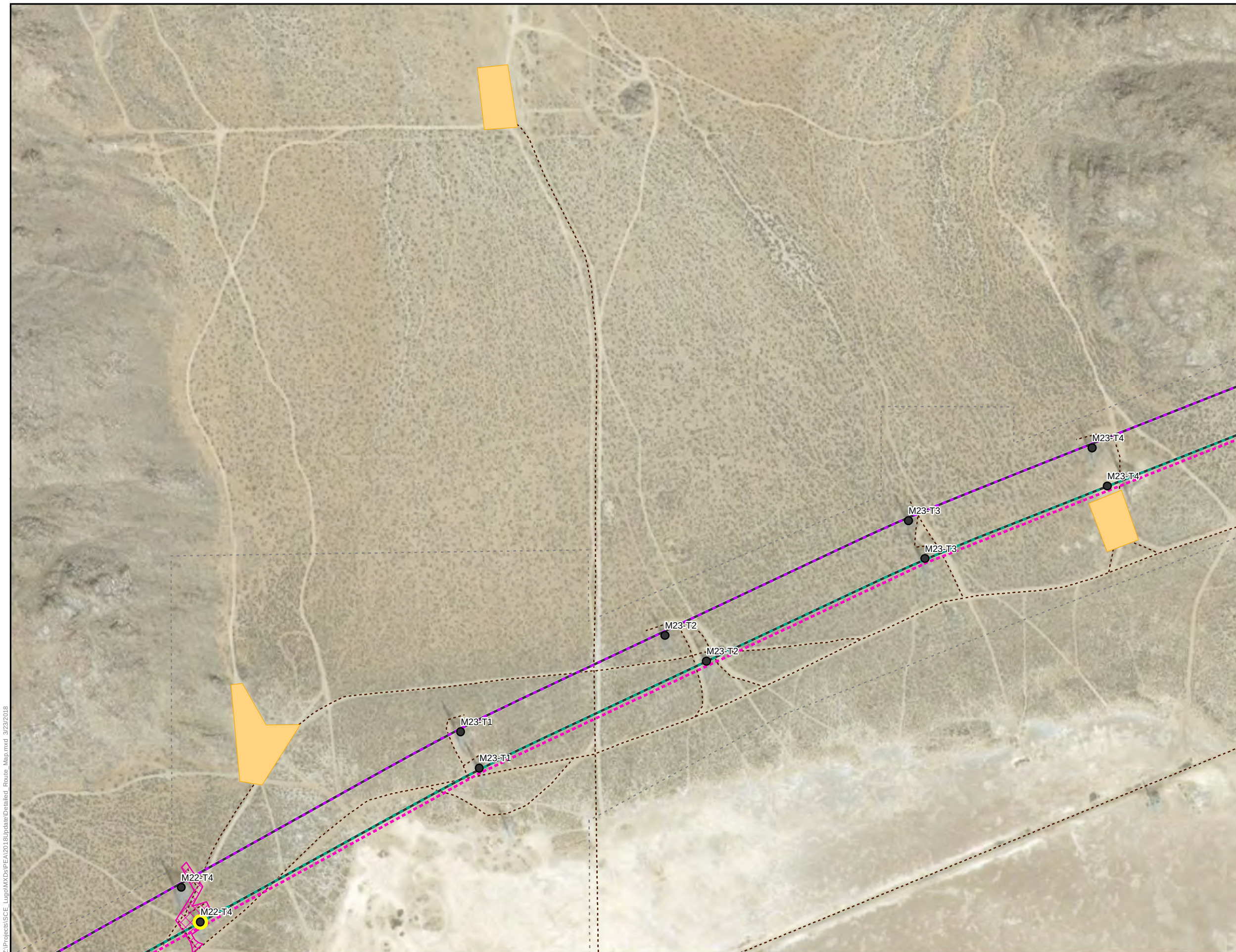


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 35 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

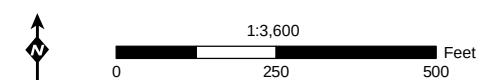


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 36 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



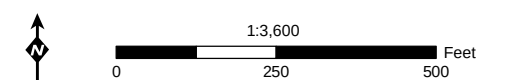
Source: Insignia, 2018; SCE, 2018

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Appendix E: Detailed Route Map 37 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing



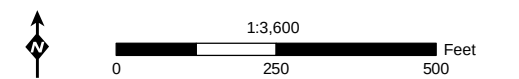
Source: Insignia, 2018; SCE, 2018

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**Appendix E:
Detailed Route Map 38 of 351**

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

-  Eldorado - Lugo 500 kV Transmission Line
-  Lugo - Mohave 500 kV Transmission Line
-  Guard Structure Area
-  Transmission OPGW Alignment
-  Existing Access
-  Right-of-Way
- Transmission Structure**
-  Existing Transmission Structure



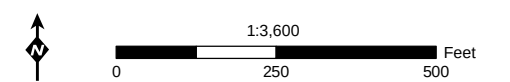
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 39 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Appendix E: Detailed Route Map 40 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



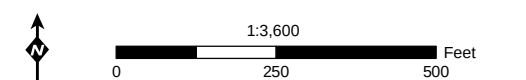
Source: Insignia, 2018; SCE, 2018

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**Appendix E:
Detailed Route Map 41 of 351**

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

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

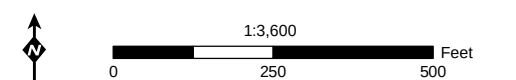


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 42 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Appendix E: Detailed Route Map 43 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

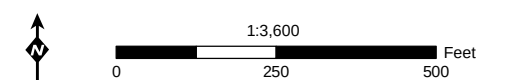


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 44 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

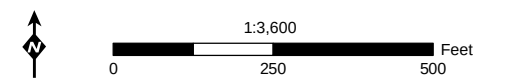
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Appendix E:
Detailed Route Map 45 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Discrepancy Grading Limit
 - Transmission OPGW Alignment
 - Existing Access
 - Access Road
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure



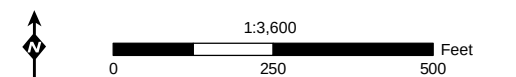
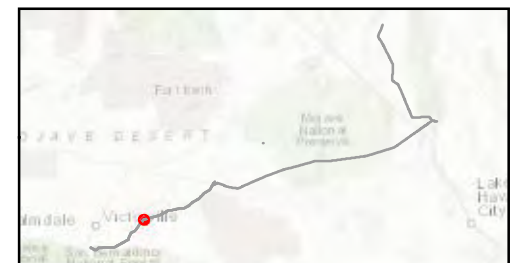
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 46 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- New Manhole
- Distribution Work Area
- Guard Structure Area
- Helicopter Landing Zone
- Telecommunication Work Area
- Tower Work
- Wire Setup
- Construction Material Yard
- Telecommunication Repeater Site
- Transmission OPGW Alignment
- Existing Access
- Access Road
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure
- Distribution Structure**
 - Modified Distribution Structure
- Telecommunication Alignment**
 - New Telecommunication Alignment
- Distribution Alignment**
 - Underground Distribution Alignment

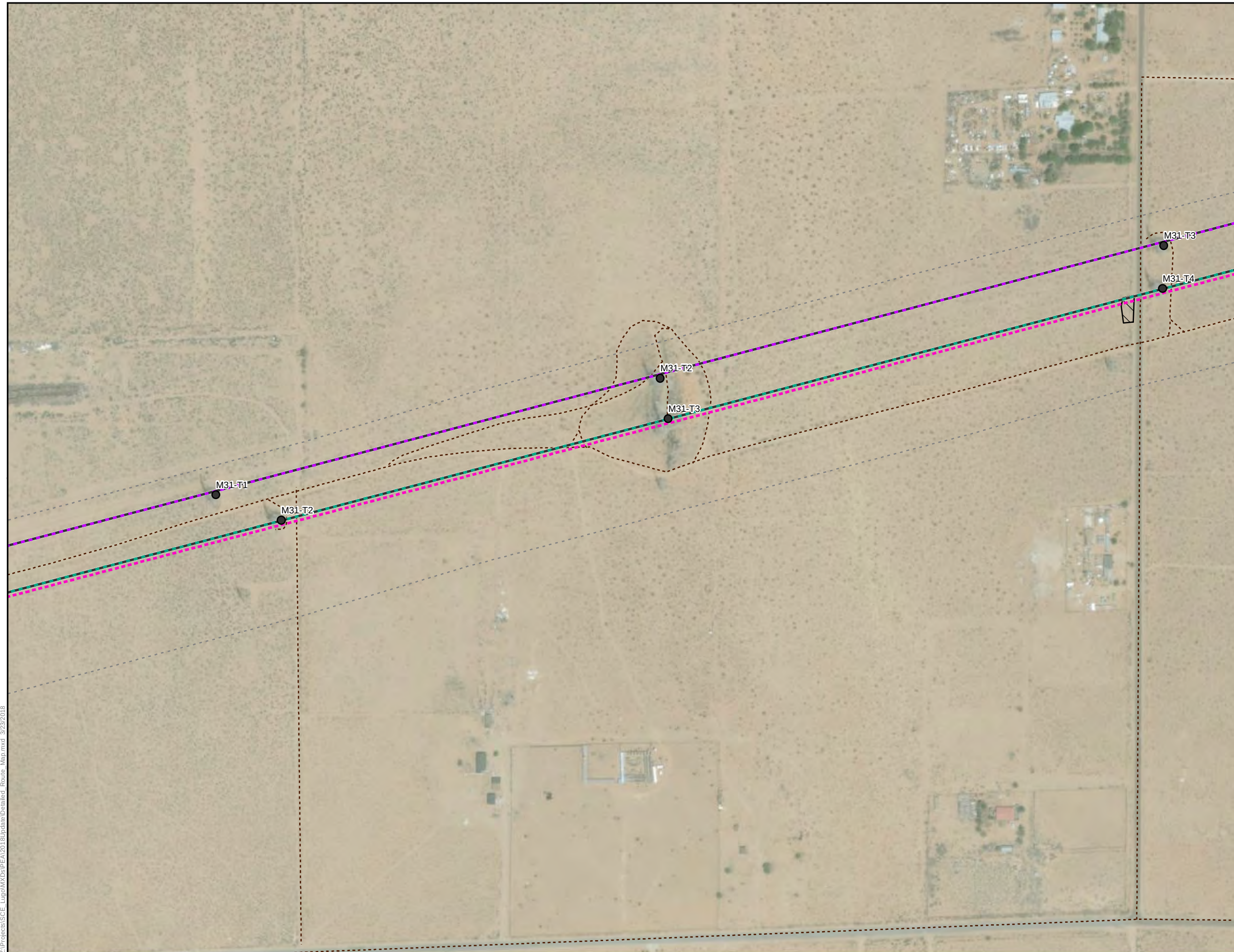


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 47 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
- Existing Transmission Structure

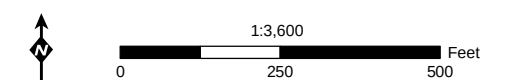
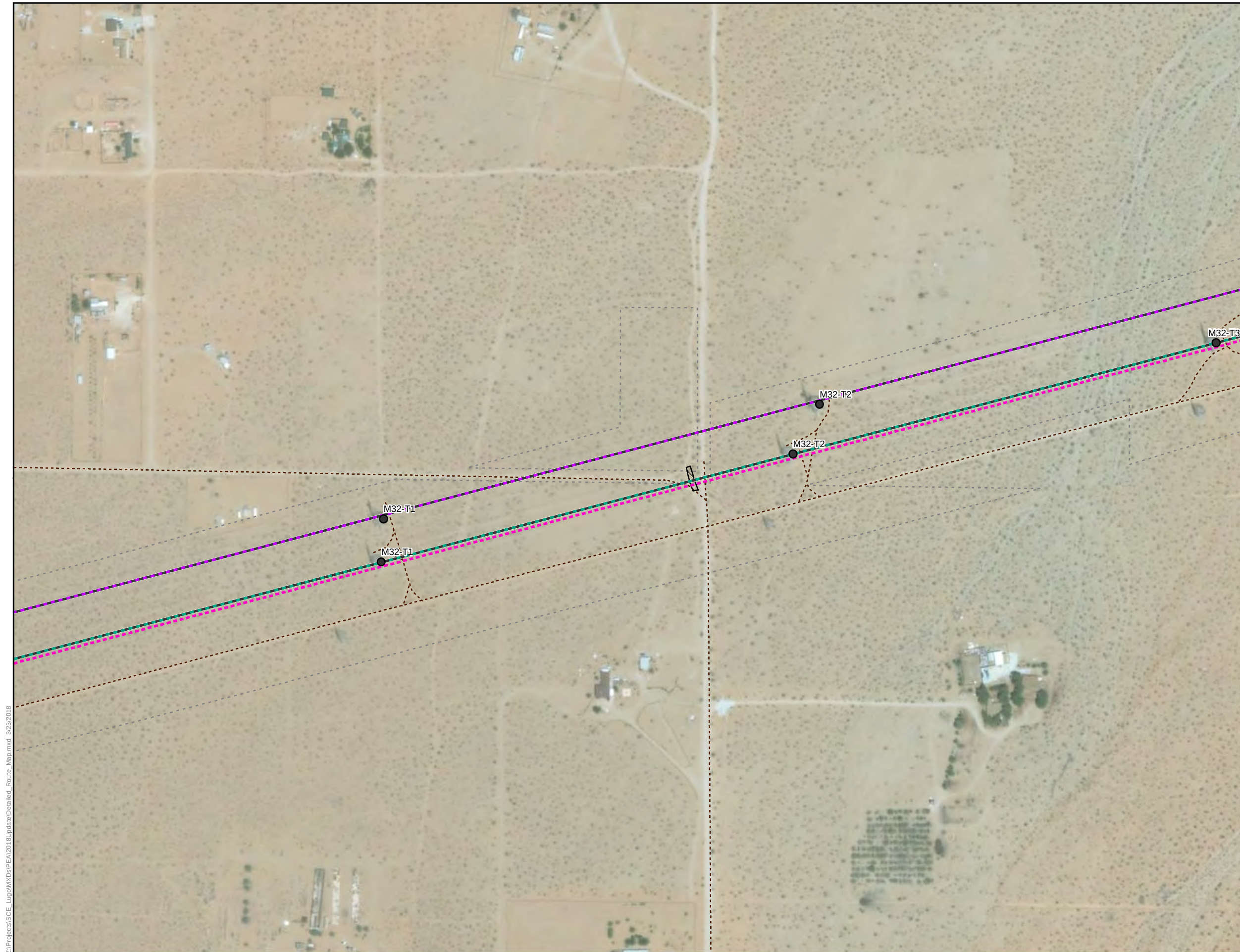


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 48 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

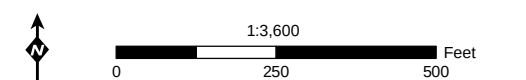
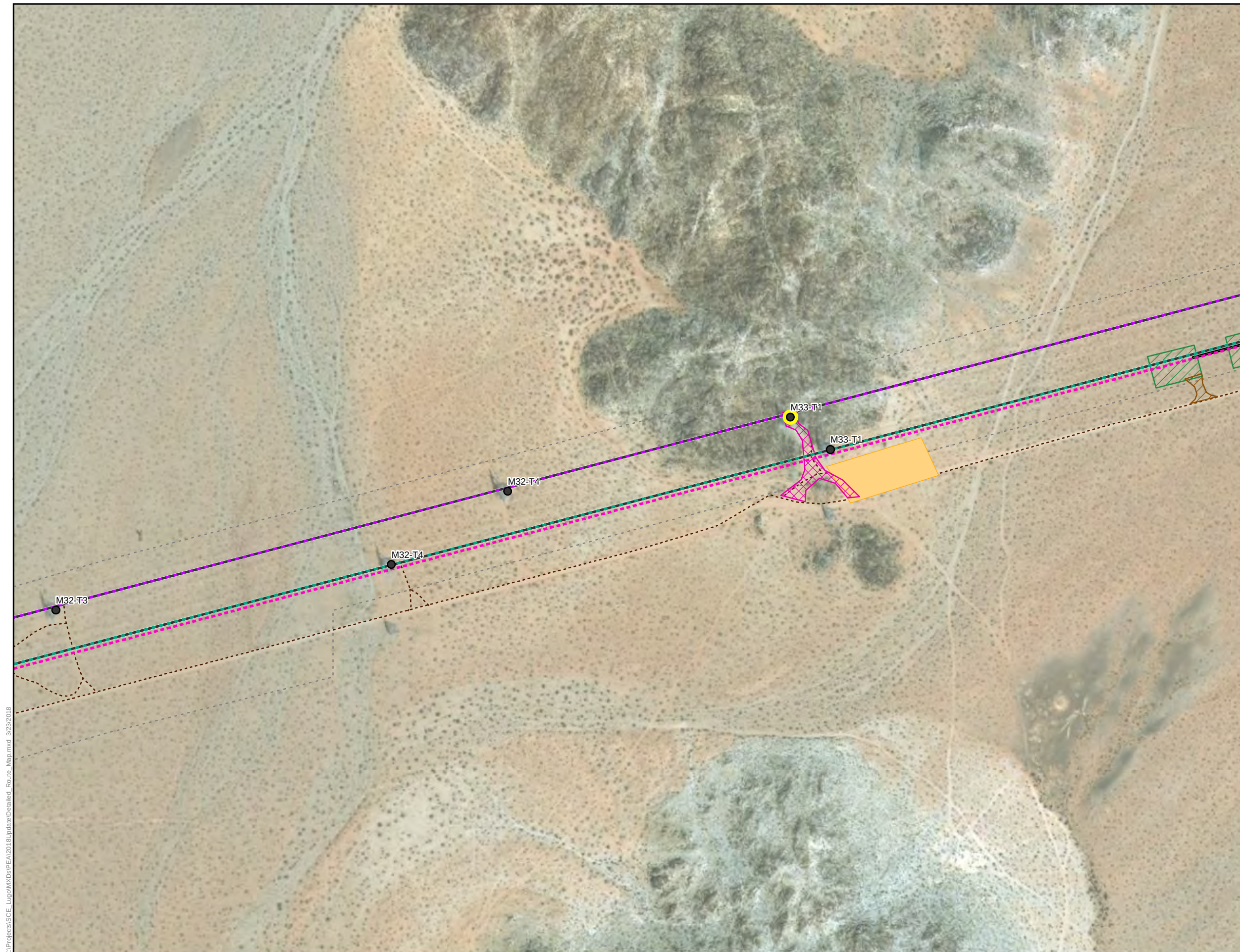


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 49 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

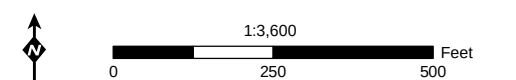


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 50 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

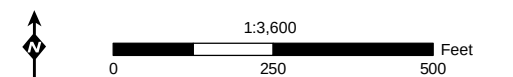


Source: Insignia, 2018; SCE, 2018

Appendix E: Detailed Route Map 51 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

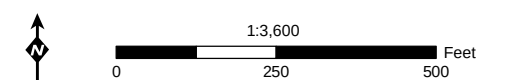
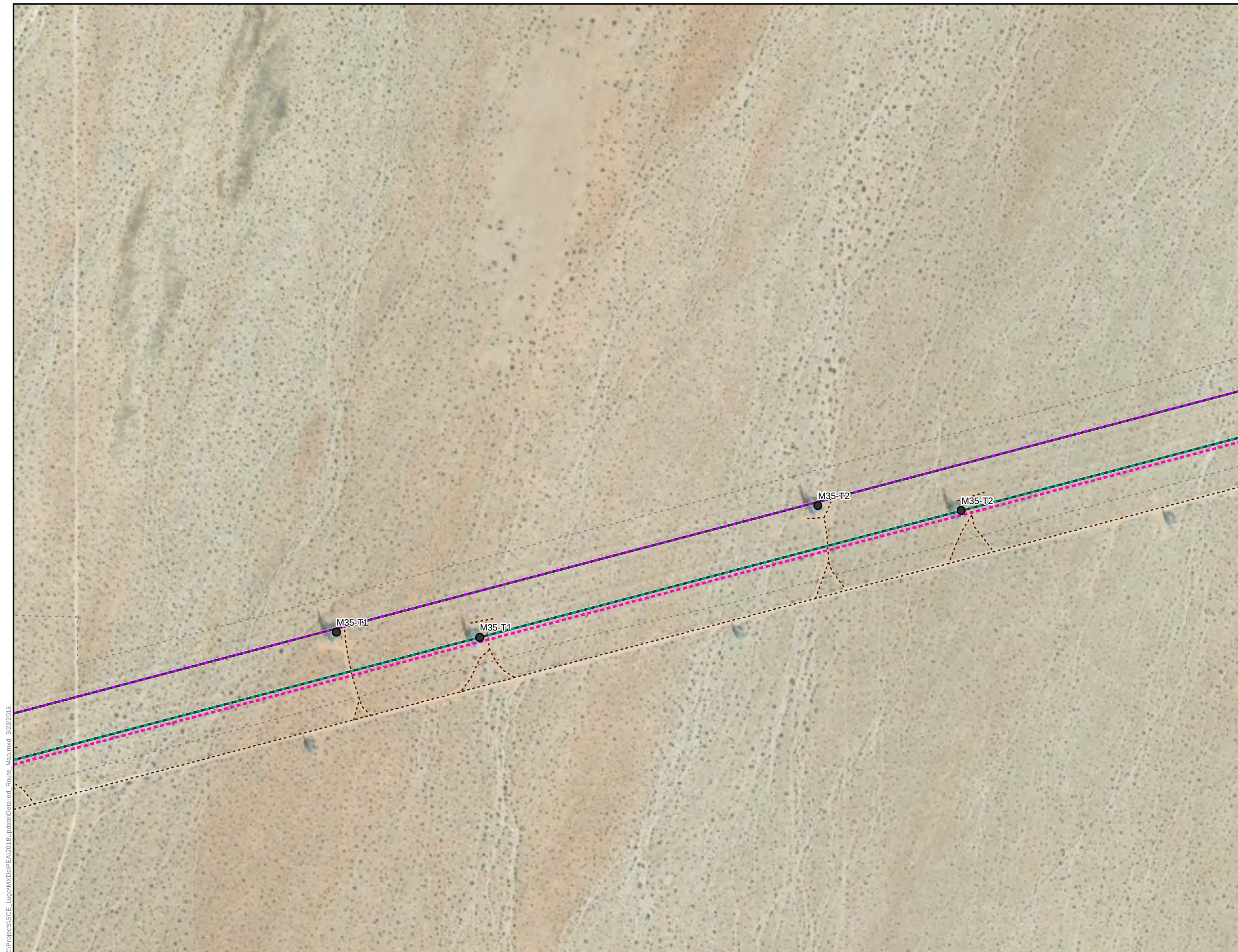


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 52 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

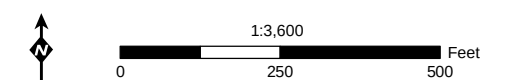
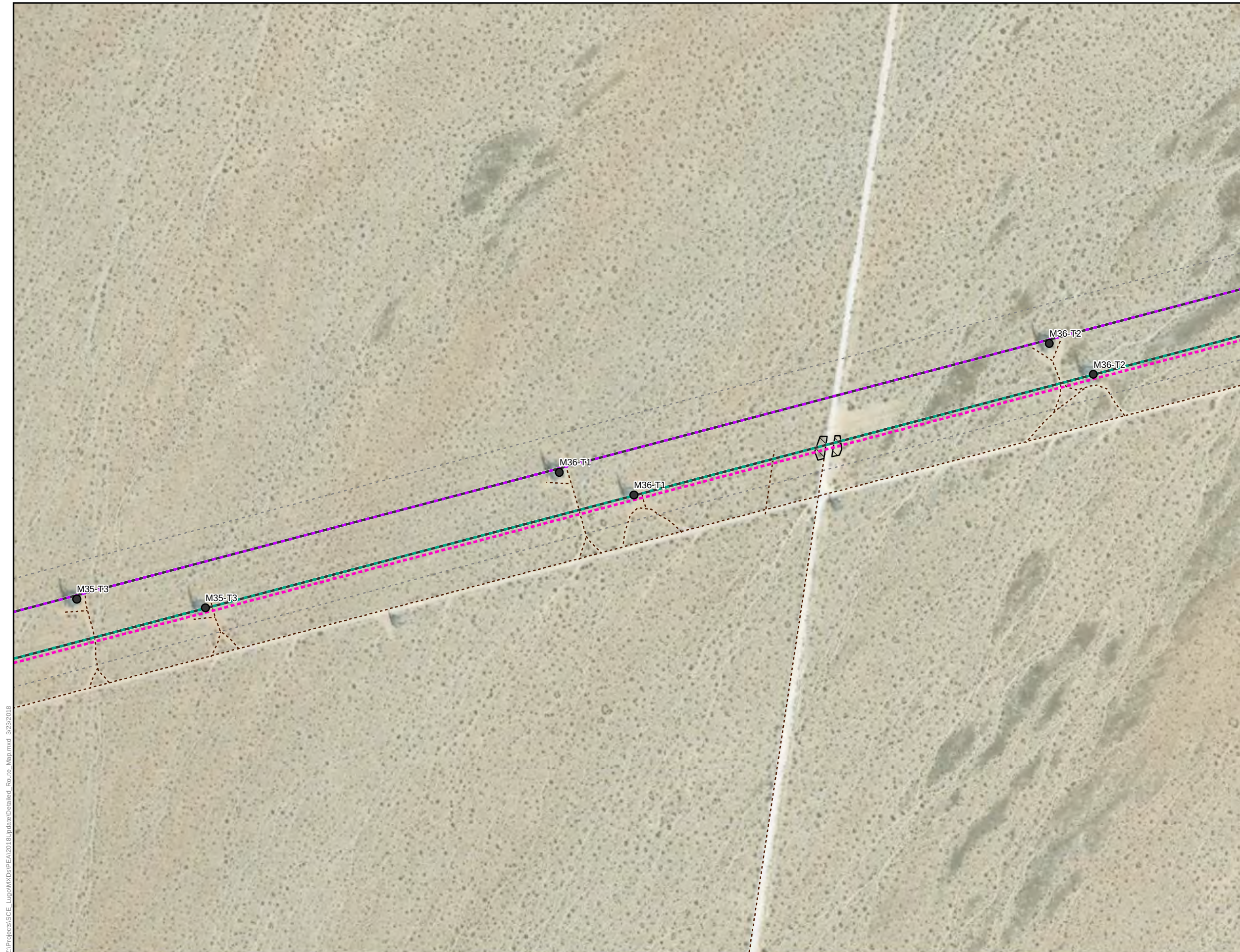


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 53 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

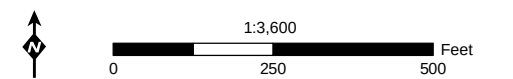
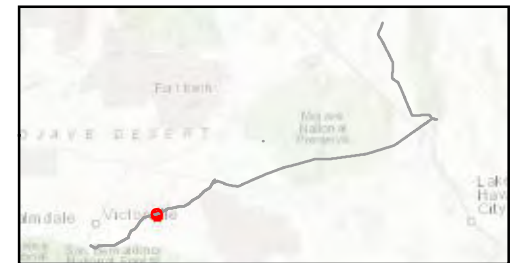
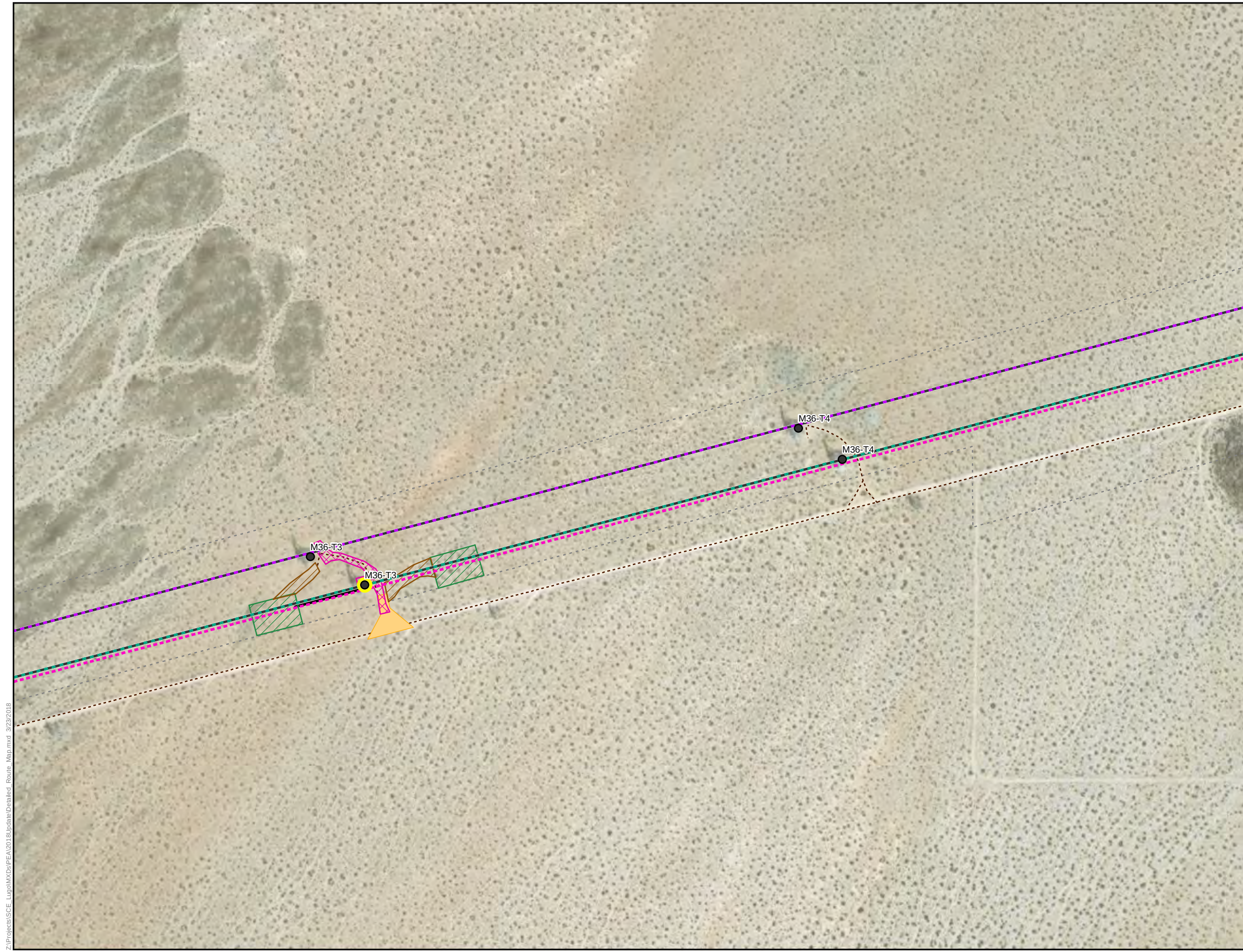


Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

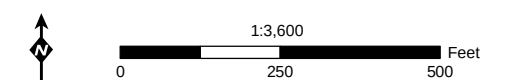


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 55 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

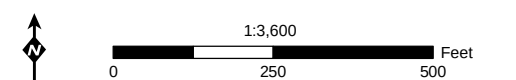
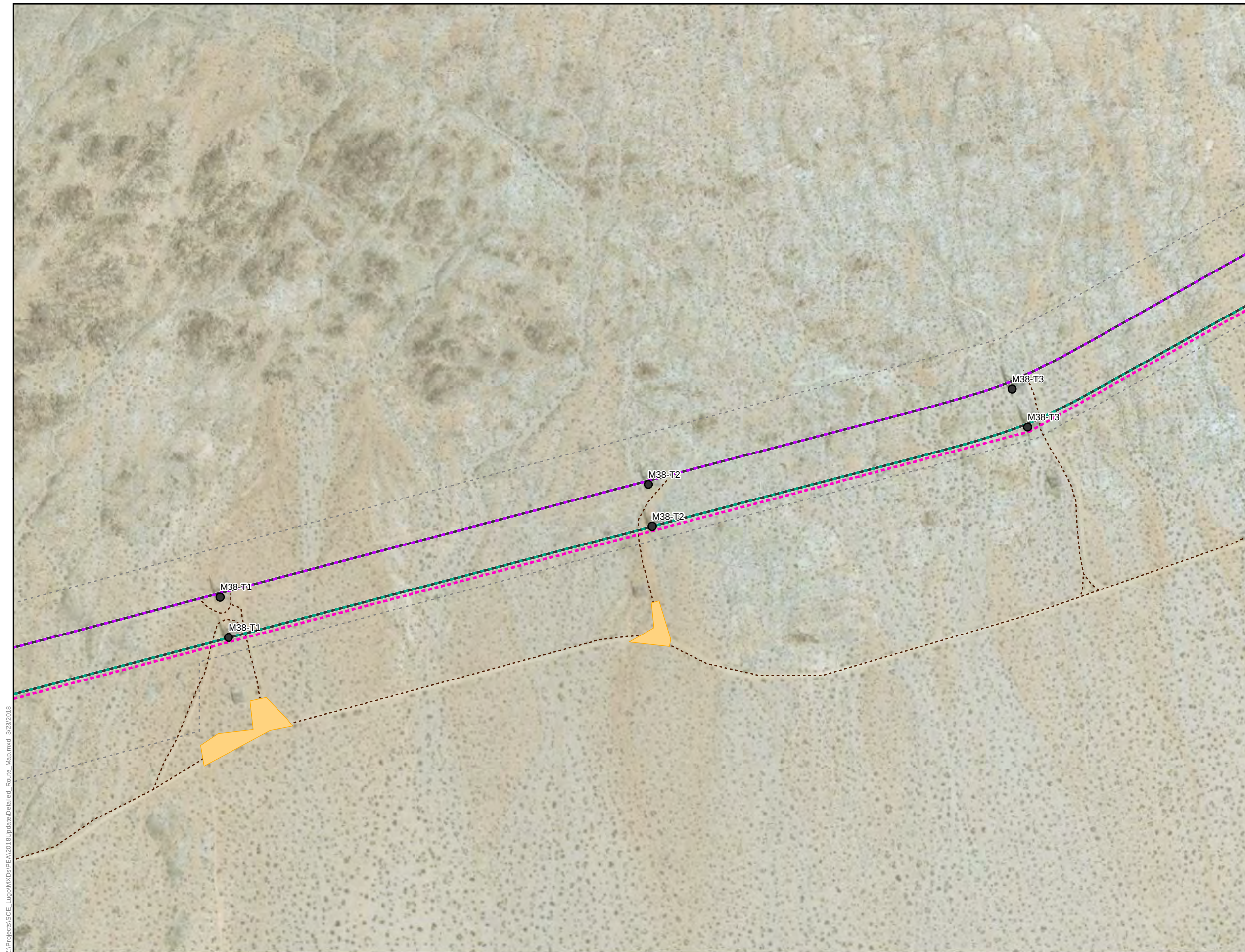
Appendix E:
Detailed Route Map 56 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way

Transmission Structure

- Existing Transmission Structure



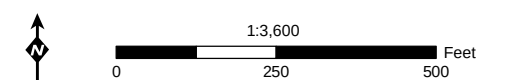
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

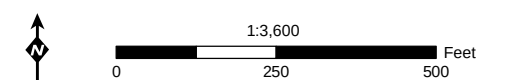
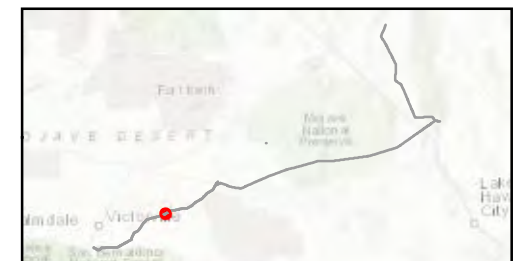


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 58 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



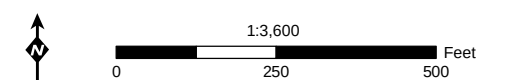
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 59 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

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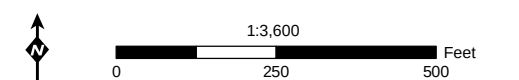


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 60 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

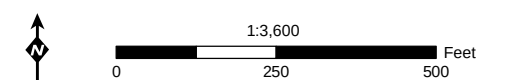


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 61 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

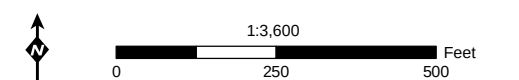
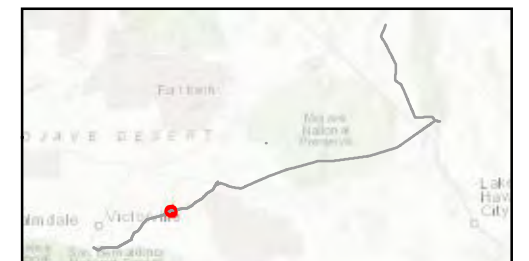


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 62 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Travel Path
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Splicing



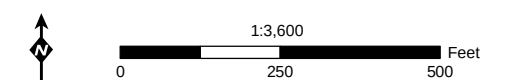
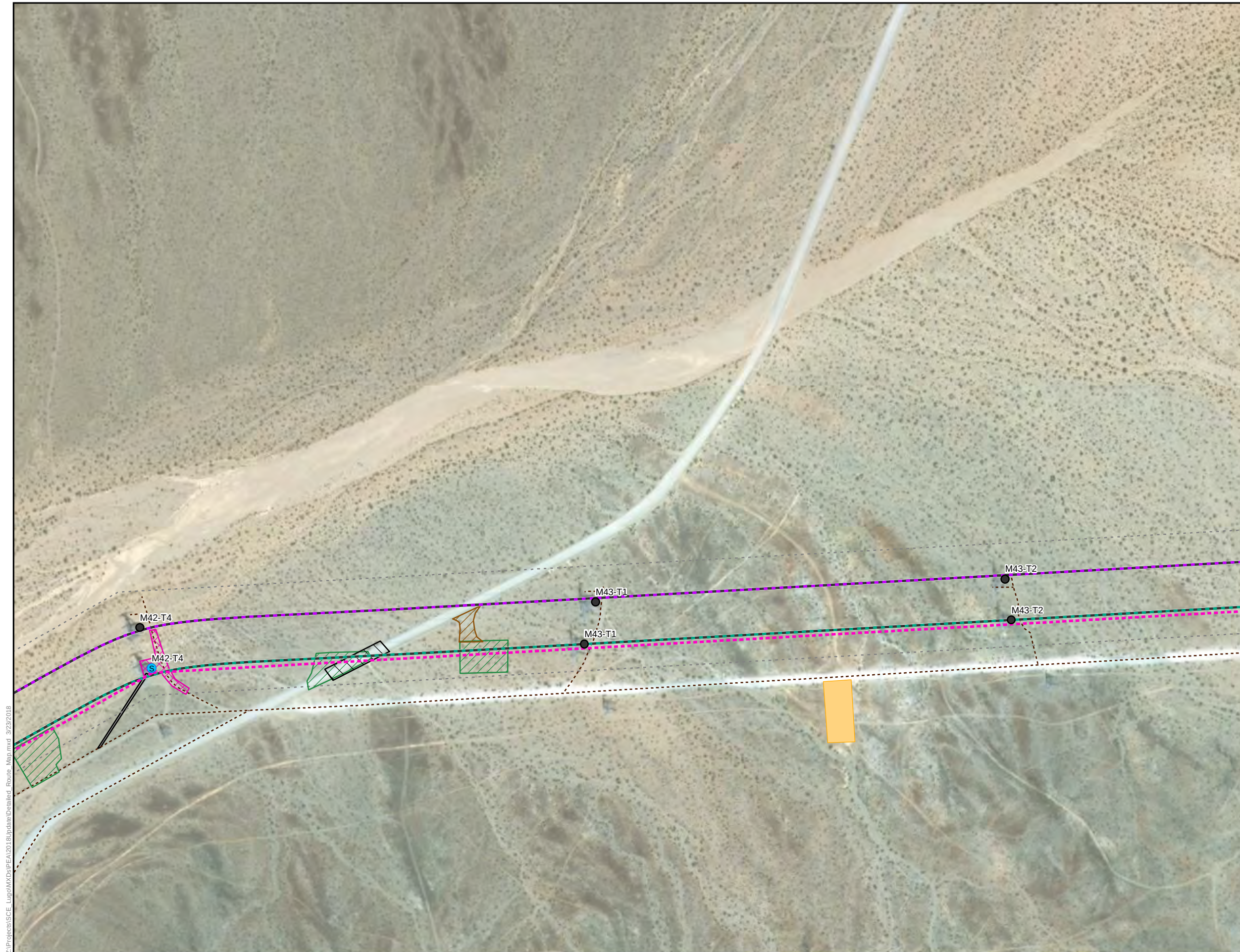
Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing



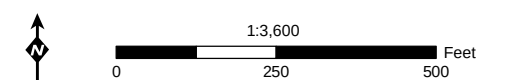
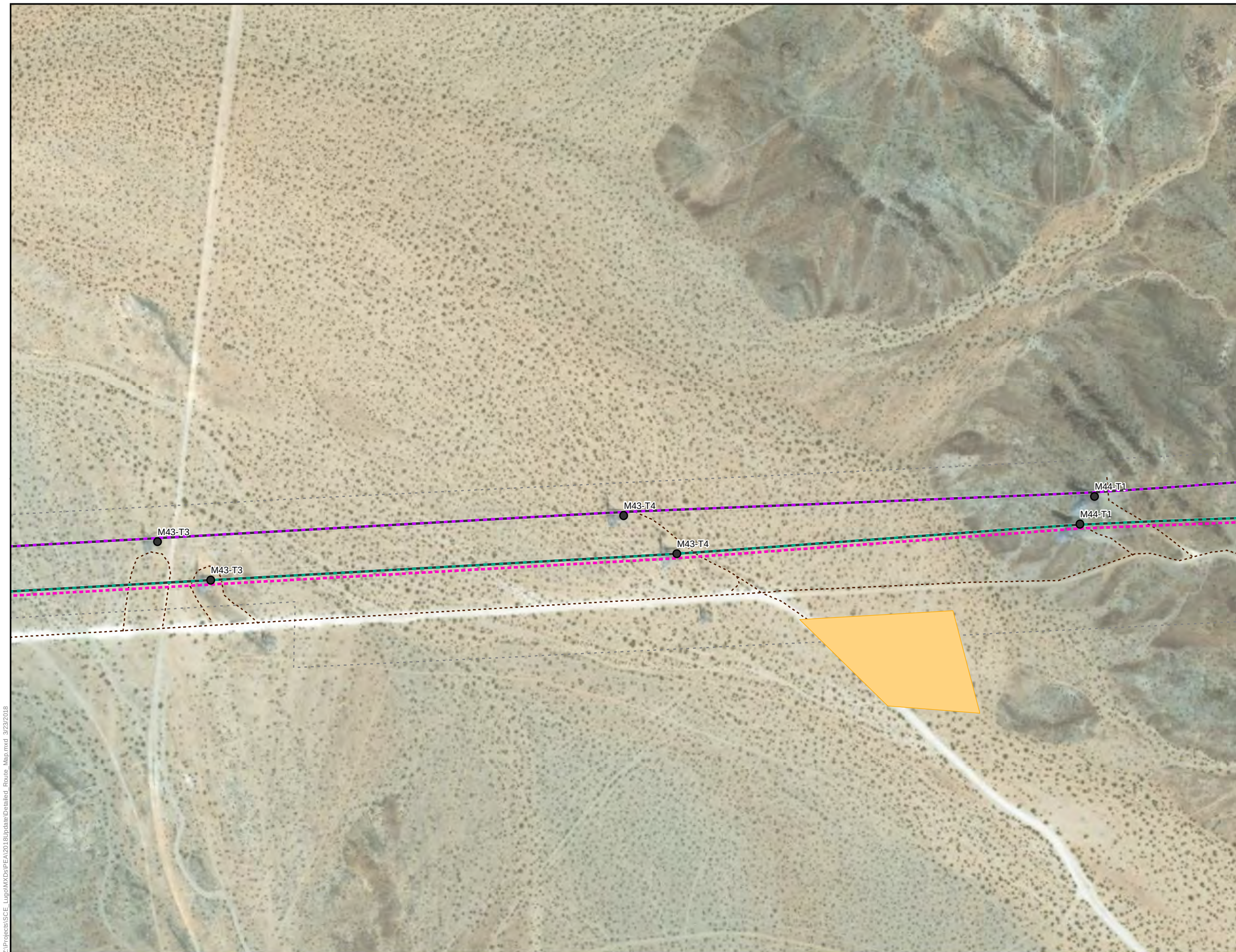
Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

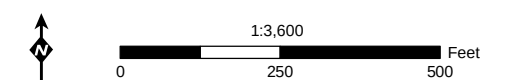


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 65 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

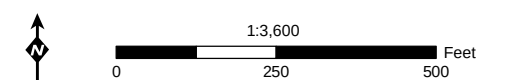


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 66 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

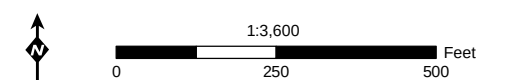
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Eldorado-Lugo-Mohave Series Capacitor Project

-  Construction Material Yard
-  Existing Access

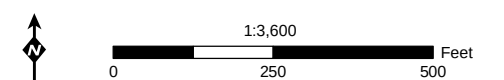


Source: Insignia, 2018; SCE, 2018

Appendix E: Detailed Route Map 68 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

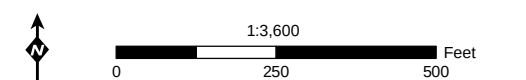
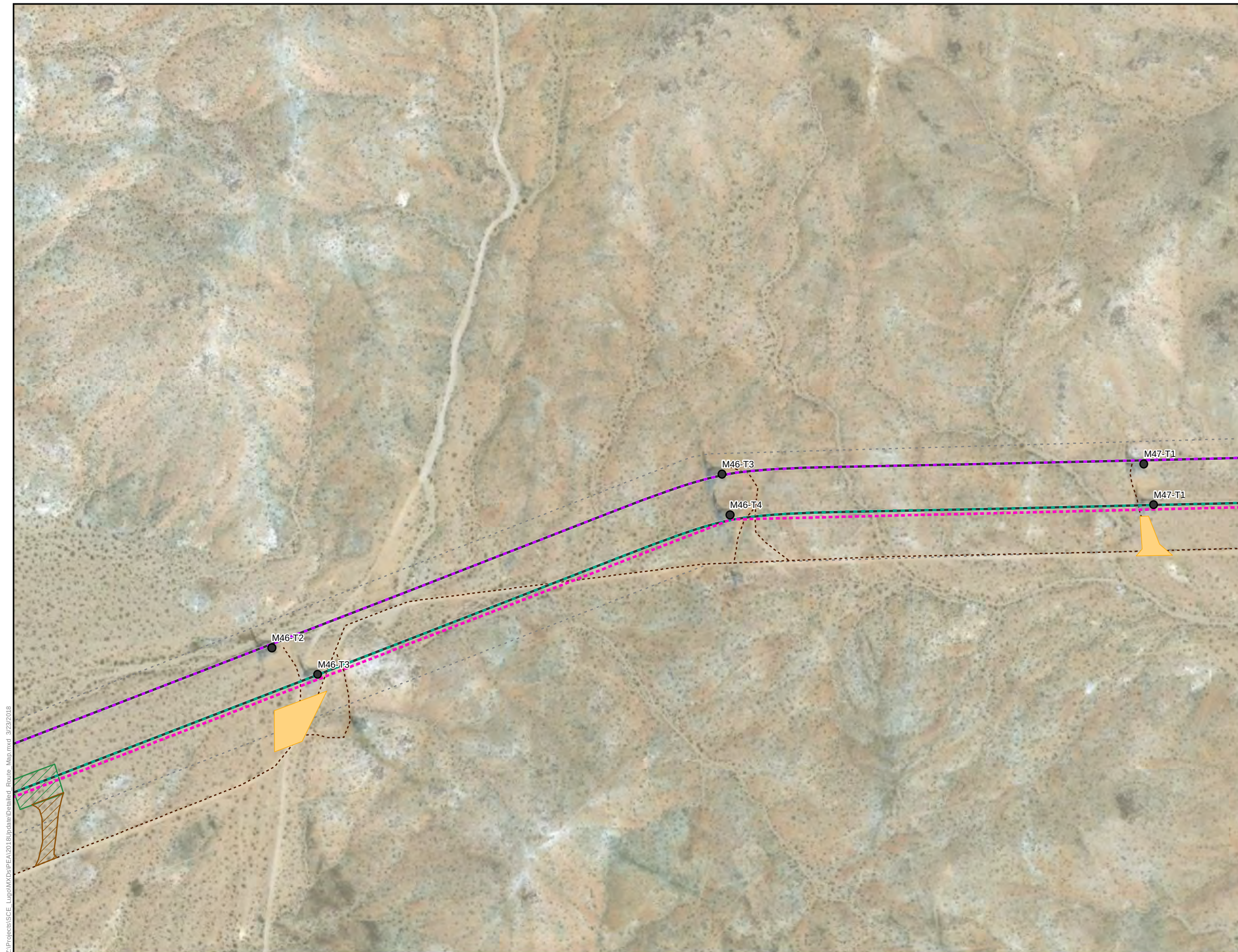


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 69 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

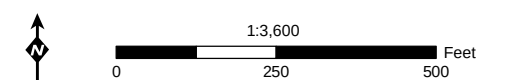


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 70 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

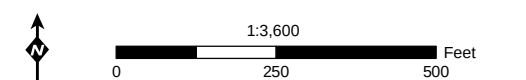


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 71 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



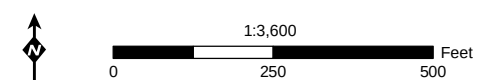
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 72 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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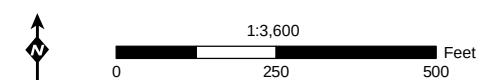


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 73 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing

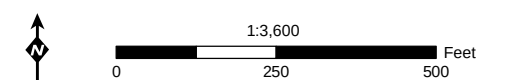


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 74 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

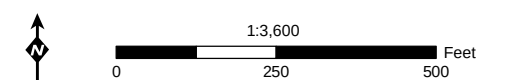


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 75 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



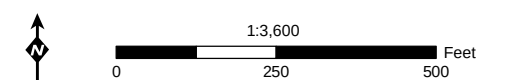
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 76 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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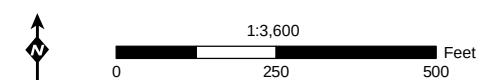
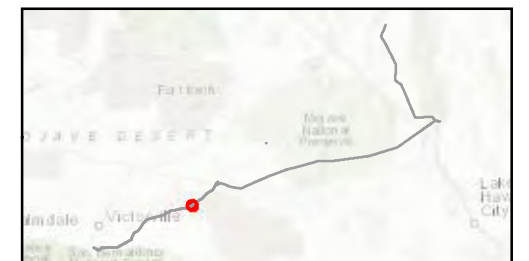


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 77 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

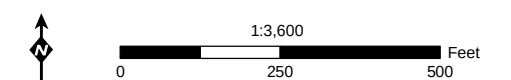


Source: Insignia, 2018; SCE, 2018

Appendix E: Detailed Route Map 78 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
- Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



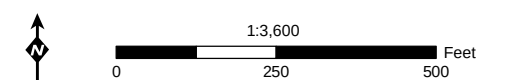
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 81 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
- Existing Transmission Structure

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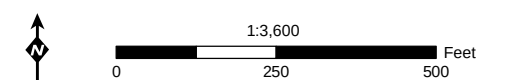
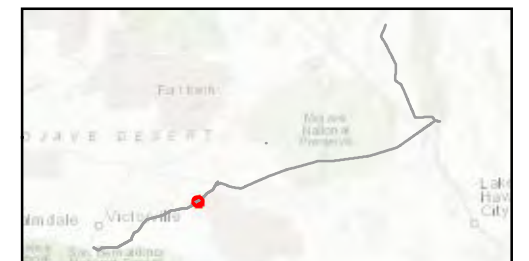


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 82 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



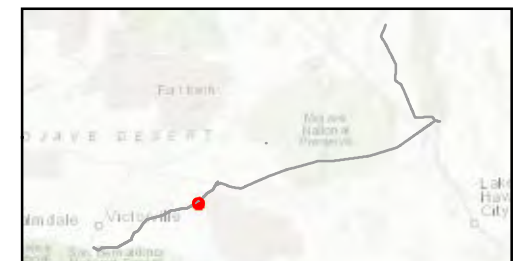
Source: Insignia, 2018; SCE, 2018

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**Appendix E:
Detailed Route Map 83 of 351**

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

-  Helicopter Landing Zone
-  Existing Access

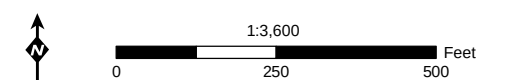


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 84 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

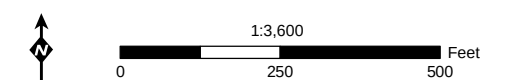
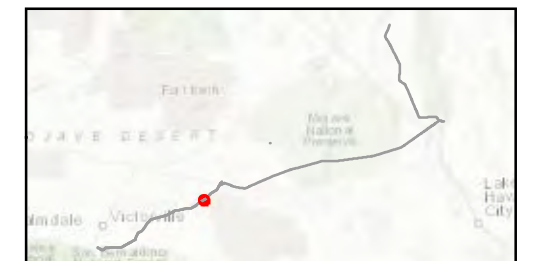


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 85 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

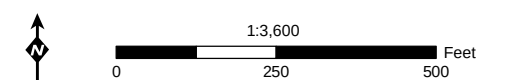


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 86 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

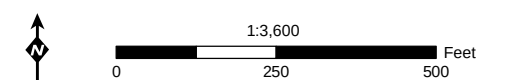


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 87 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



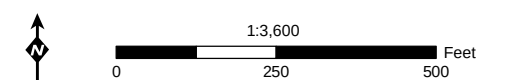
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



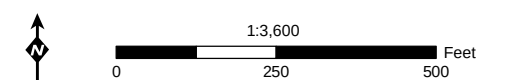
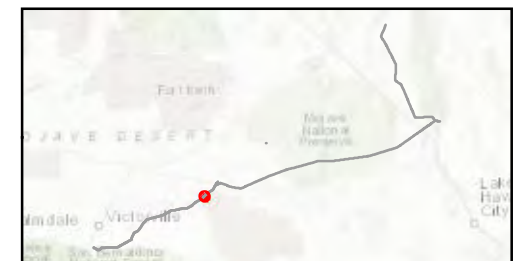
Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



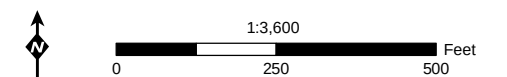
Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

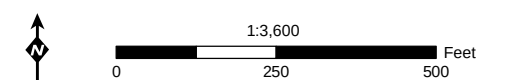


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 91 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



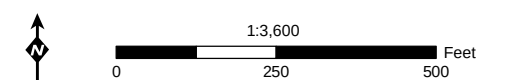
Source: Insignia, 2018; SCE, 2018

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Detailed Route Map 92 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

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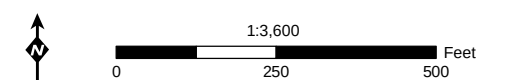


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 93 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
 - Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

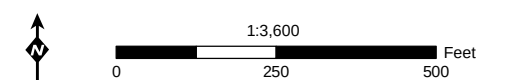


Source: Insignia, 2018; SCE, 2018

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Detailed Route Map 94 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

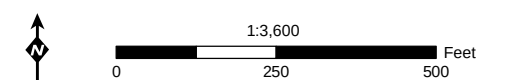
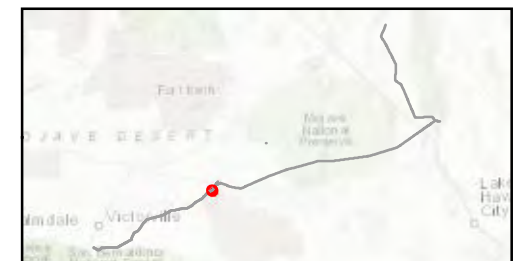


Source: Insignia, 2018; SCE, 2018

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Detailed Route Map 95 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

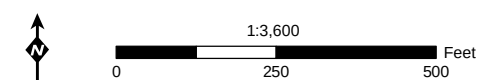
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Eldorado-Lugo-Mohave Series Capacitor Project

-  Eldorado - Lugo 500 kV Transmission Line
-  Lugo - Mohave 500 kV Transmission Line
-  Helicopter Landing Zone
-  Tower Work
-  Transmission OPGW Alignment
-  Existing Access
-  Right-of-Way
- Transmission Structure**
 -  Existing Transmission Structure
 -  Modified Transmission Structure



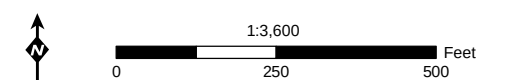
Source: Insignia, 2018; SCE, 2018

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Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

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Appendix E:
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Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

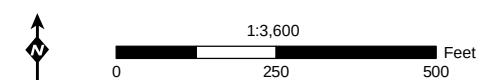


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 99 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing

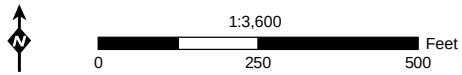


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 100 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

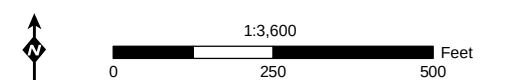
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Appendix E:
Detailed Route Map 101 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

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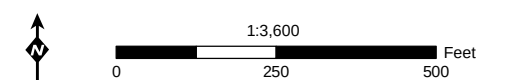
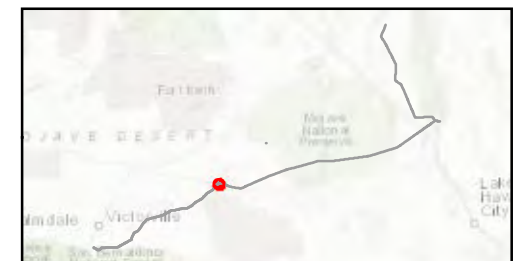


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 102 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

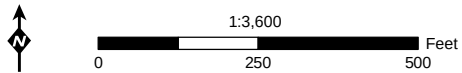


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 103 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- New Manhole
- Distribution/Telecommunication Work Area
- Helicopter Landing Zone
- Telecommunication Work Area
- Tower Work
- Wire Setup
- Mid-Line Series Capacitor
- Construction Material Yard
- Transmission OPGW Alignment
- Existing Access
- Access Road
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Splicing
- Telecommunication Alignment**
 - New Telecommunication Alignment
- Distribution Alignment**
 - Overhead Distribution Alignment
 - Underground Distribution Alignment



Source: Insignia, 2018; SCE, 2018

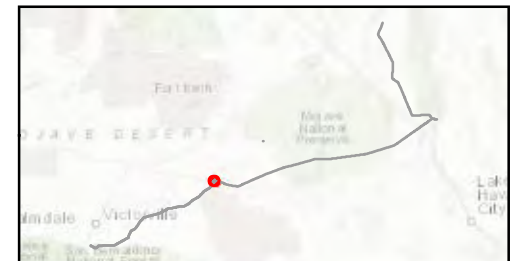
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Appendix E: Detailed Route Map 104 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- New Manhole
- Existing Substation
- Distribution/Telecommunication Work Area
- Guard Structure Area
- Telecommunication Work Area
- Tower Work
- Substation
- Substation Boundary
- Mid-Line Series Capacitor
- Construction Material Yard
- Existing Access
- Access Road
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
- Distribution Structure**
 - Remove
- Telecommunication Alignment**
 - New Telecommunication Alignment
- Distribution Alignment**
 - Existing Distribution Alignment
 - Overhead Distribution Alignment
 - Underground Distribution Alignment



1:3,600
0 250 500 Feet

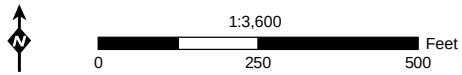


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 105 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Eldorado - Lugo 500 kV Transmission Line
- Transmission Line not part of Project
- New Manhole
- Distribution/Telecommunication Work Area
- Guard Structure Area
- Telecommunication Work Area
- Tower Work
- Mid-Line Series Capacitor
- Construction Material Yard
- Existing Access
- Access Road
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
- Distribution Structure**
 - Remove
- Telecommunication Alignment**
 - New Telecommunication Alignment
- Distribution Alignment**
 - Existing Distribution Alignment
 - Overhead Distribution Alignment
 - Underground Distribution Alignment



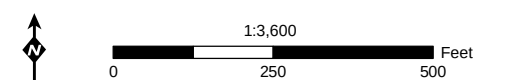
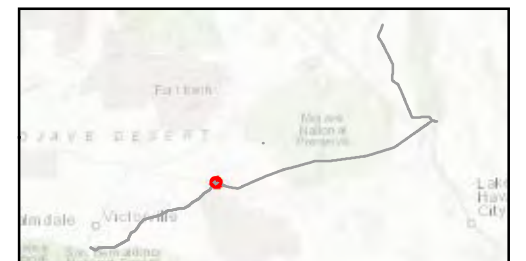
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 106 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

-  New Manhole
-  Distribution/Telecommunication Work Area
-  Existing Access
- Telecommunication Alignment**
 -  New Telecommunication Alignment
- Distribution Alignment**
 -  Overhead Distribution Alignment

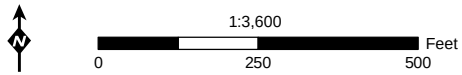


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 107 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 108 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 109 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 110 of 351

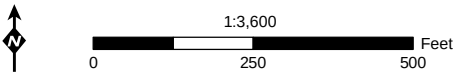
Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

M71-T4

M72-T1

M72-T2

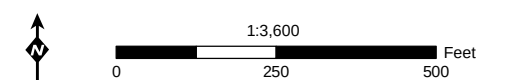


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 111 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 112 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

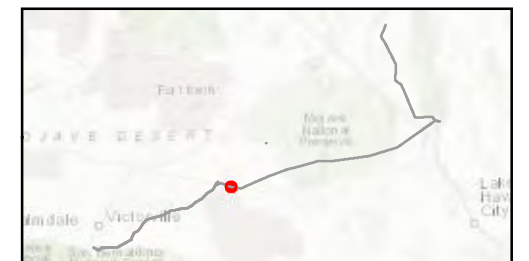


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 113 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

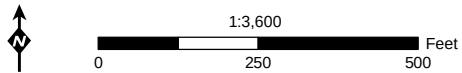


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 114 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

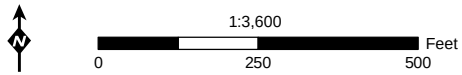


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 115 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure
 - Modified Transmission Structure



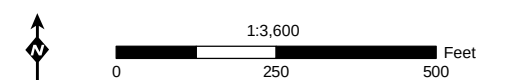
Source: Insignia, 2018; SCE, 2018

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Appendix E: Detailed Route Map 116 of 351

Eldorado-Lugo-Mohave Series Capacitor Project

-  Lugo - Mohave 500 kV Transmission Line
-  Helicopter Landing Zone
-  Transmission OPGW Alignment
-  Existing Access
-  Right-of-Way
- Transmission Structure**
 -  Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

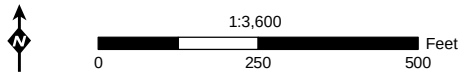
Appendix E:
Detailed Route Map 117 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

M77-T1

M77-T2

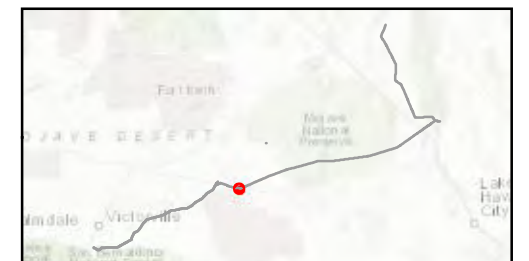


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 118 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

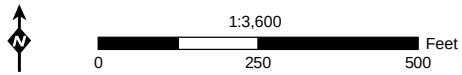


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 119 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure
 - Splicing



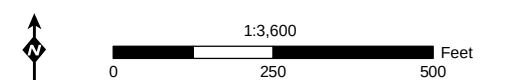
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 120 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

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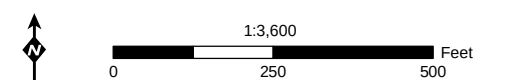


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 121 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

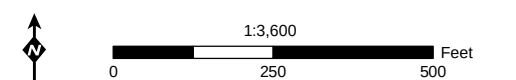
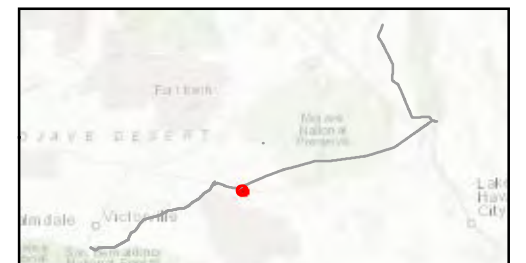


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 122 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Helicopter Landing Zone
- Construction Material Yard
- Existing Access



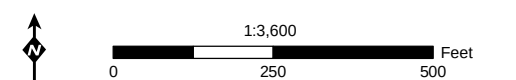
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 123 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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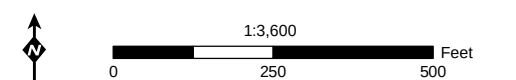


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 124 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure



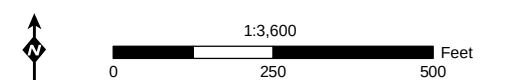
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 125 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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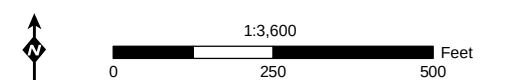
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 126 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

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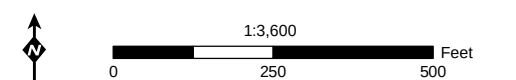


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 127 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



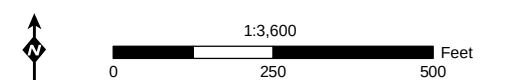
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 128 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

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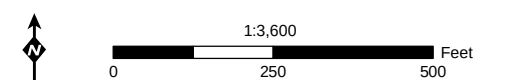


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 129 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



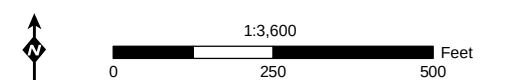
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 130 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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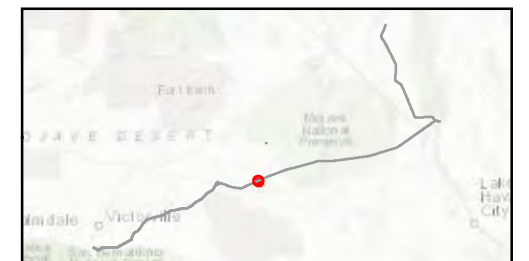


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 131 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



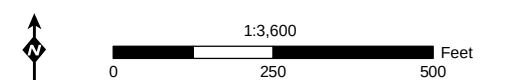
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 132 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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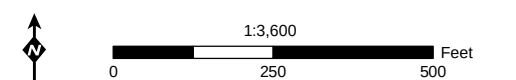


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 133 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

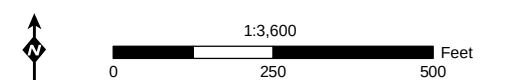


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 134 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Tower Work
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



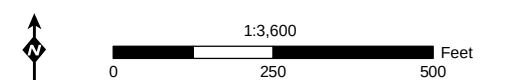
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 135 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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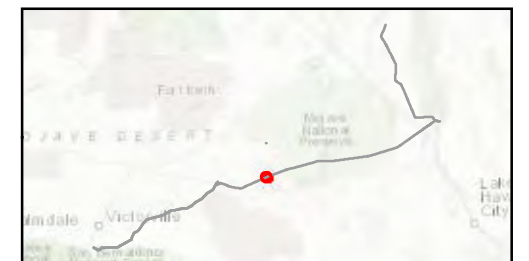


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 136 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

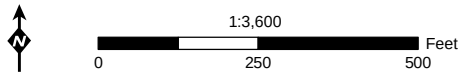


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 137 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure
 - Modified Transmission Structure



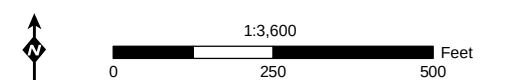
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 138 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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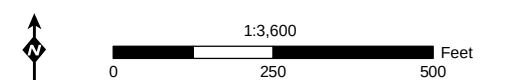


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 139 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



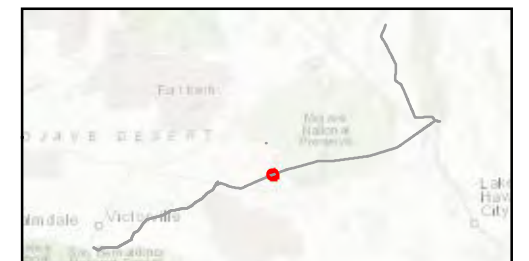
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 140 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



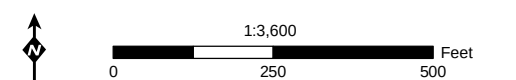
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 141 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Site Access
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

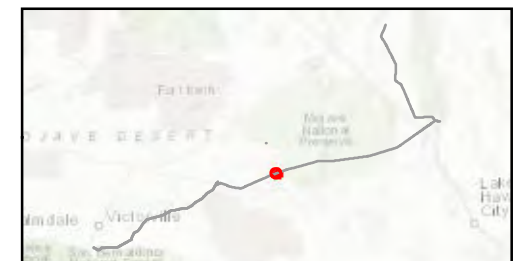


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 142 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

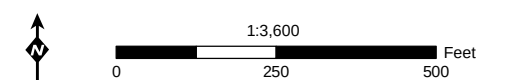
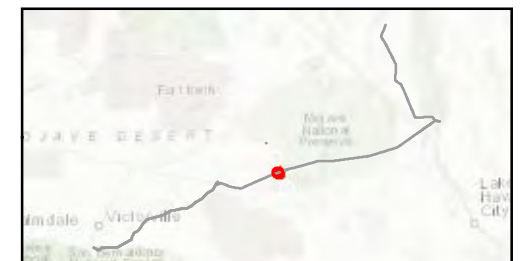
- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



Appendix E:
Detailed Route Map 143 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



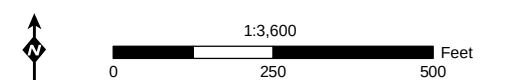
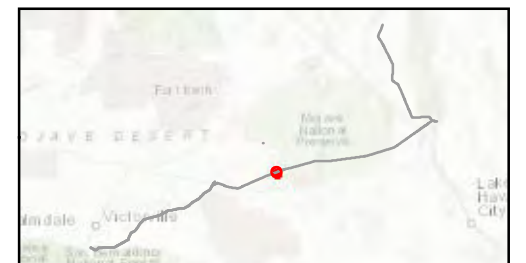
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 144 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

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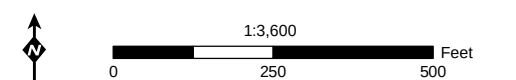


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 145 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

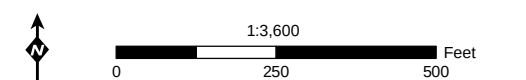


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 146 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

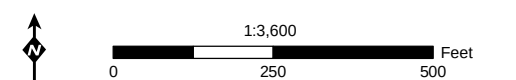


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 147 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

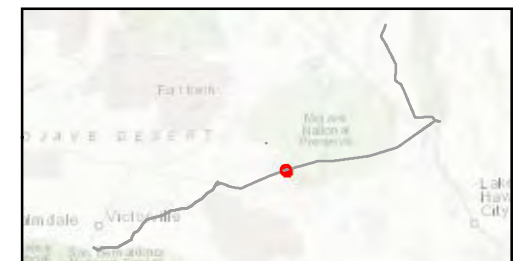


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 148 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

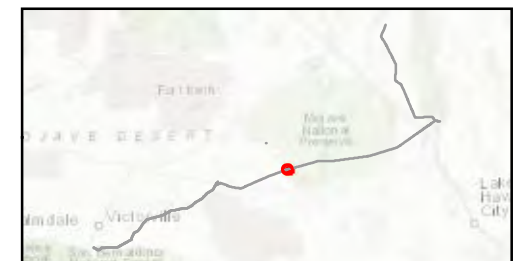


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 149 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

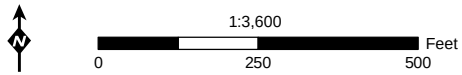


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 150 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

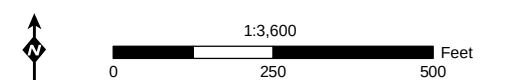
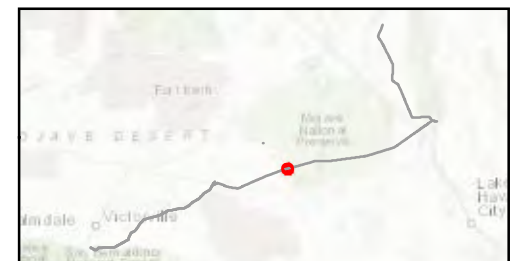
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Appendix E:
Detailed Route Map 151 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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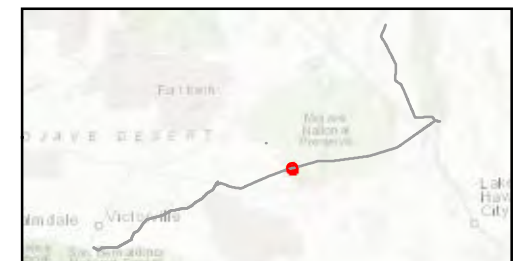


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 152 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

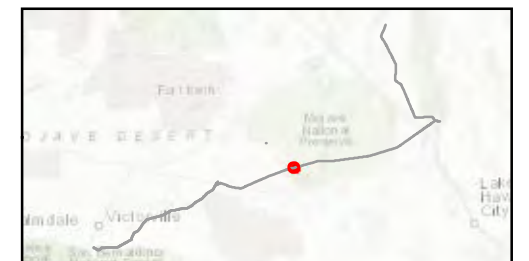


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 153 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

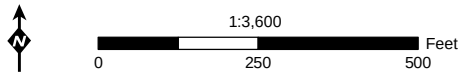


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 154 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



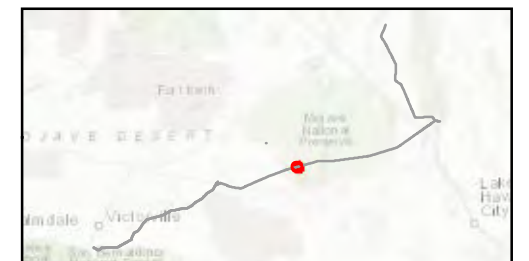
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 155 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



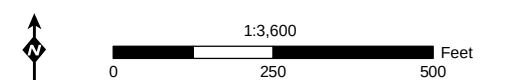
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 156 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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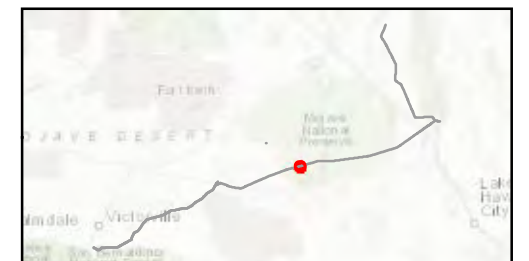


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 157 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



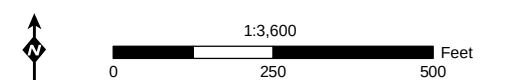
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 158 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

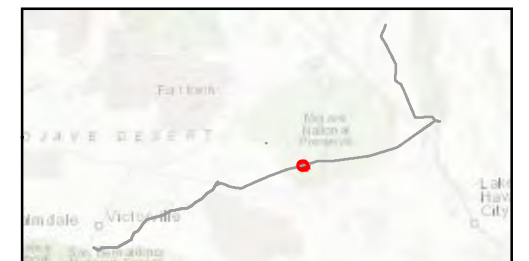


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 159 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

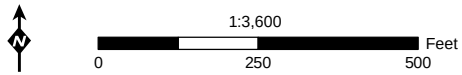


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 160 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



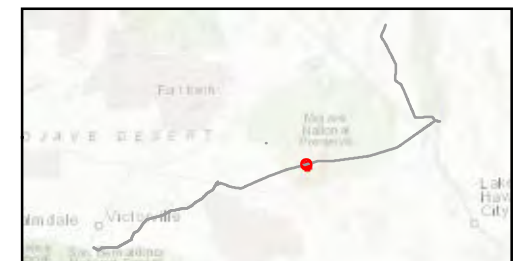
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 161 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

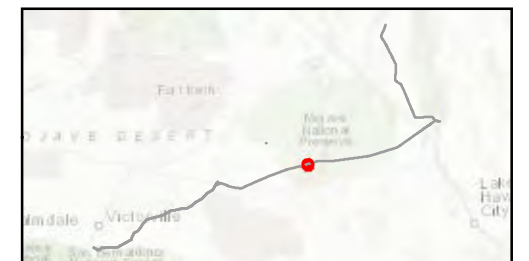


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 162 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 163 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

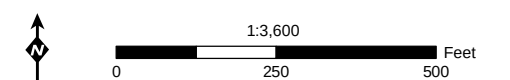
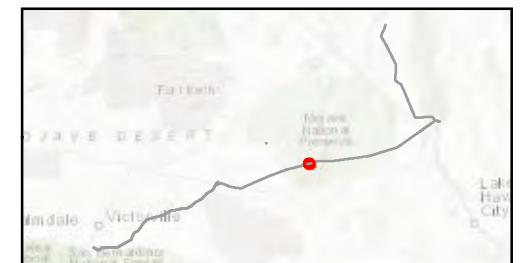
- Lugo - Mohave 500 kV Transmission Line
 - New Manhole
 - Distribution Work Area
 - Guard Structure Area
 - Helicopter Landing Zone
 - Telecommunication Work Area
 - Tower Work
 - Wire Setup
 - Telecommunication Repeater Site
 - Transmission OPGW Alignment
 - Existing Access
 - Access Road
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure
- Telecommunication Alignment**
- New Telecommunication Alignment
- Distribution Alignment**
- Overhead Distribution Alignment
 - Underground Distribution Alignment

Kelbaker Fiber
Optic Repeater

M111-T3

M111-T2

M112-T1

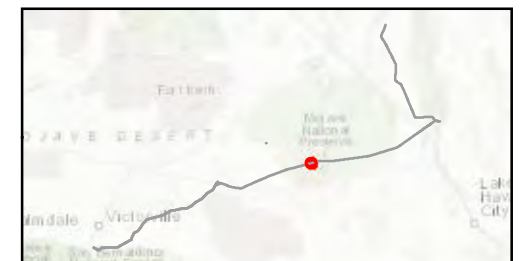


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 164 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

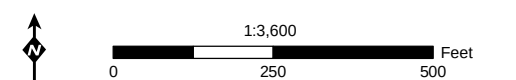
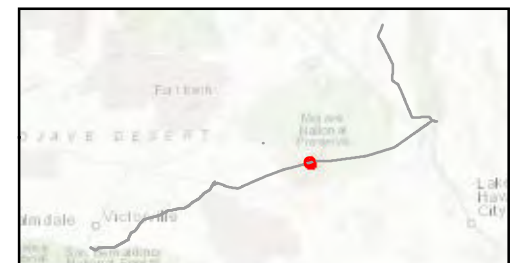


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 165 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



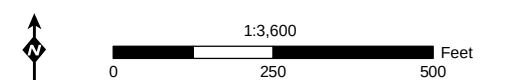
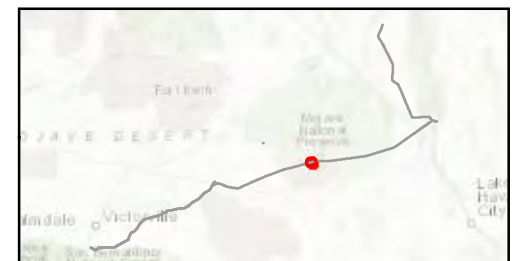
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 166 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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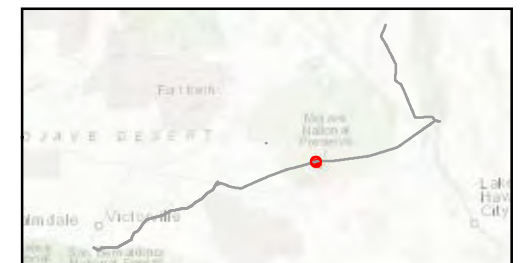


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 167 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

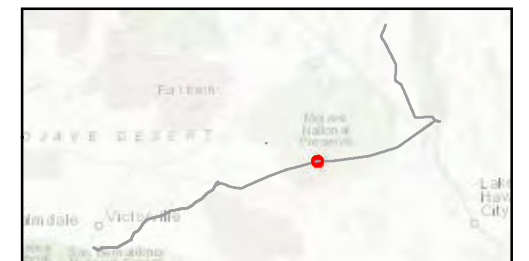


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 168 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

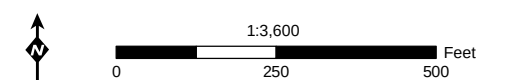
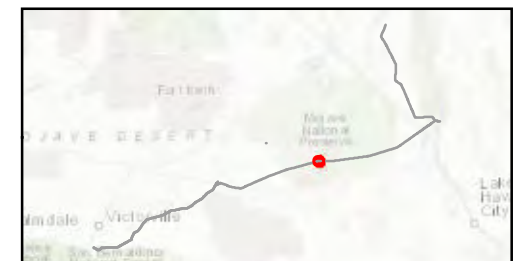


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 169 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure



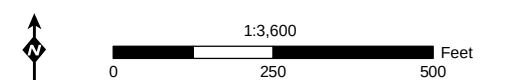
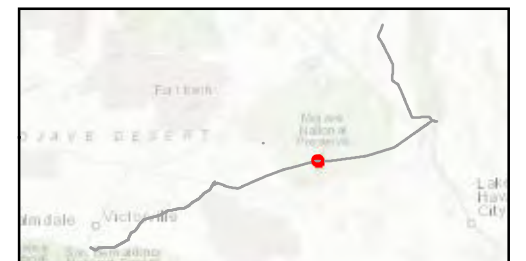
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 170 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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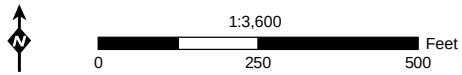


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 171 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



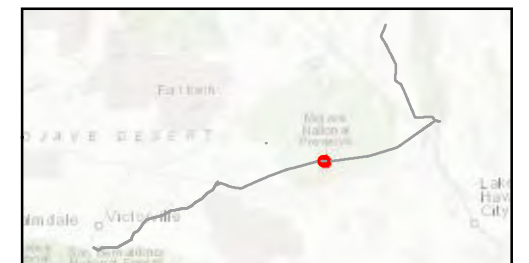
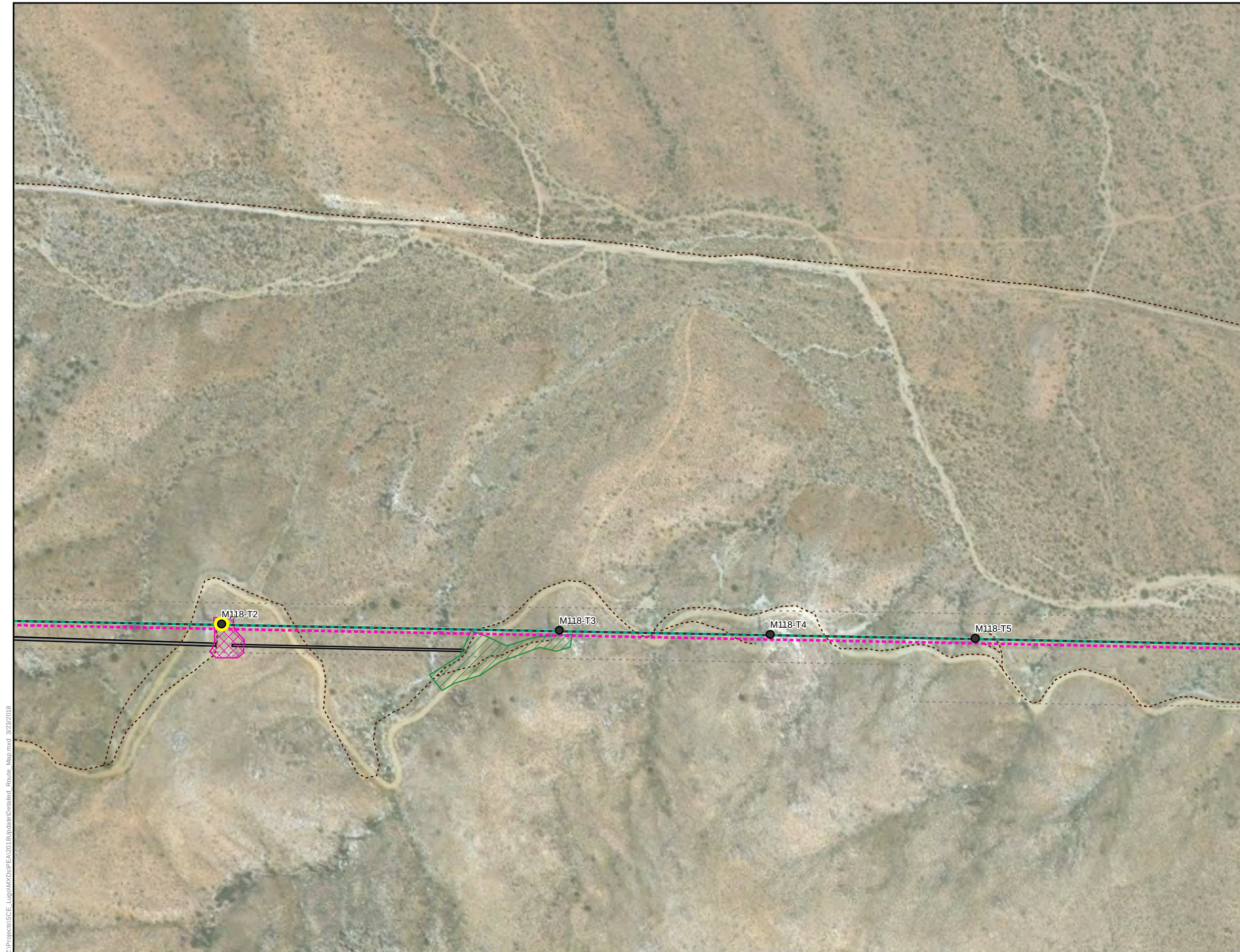
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 172 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Travel Path
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

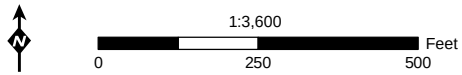


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 173 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 174 of 351

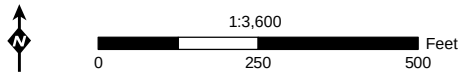
Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

M119-T4

M120-T1

M120-T2

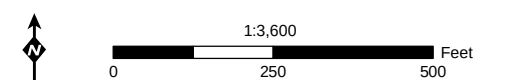


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 175 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

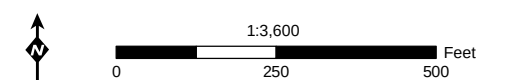
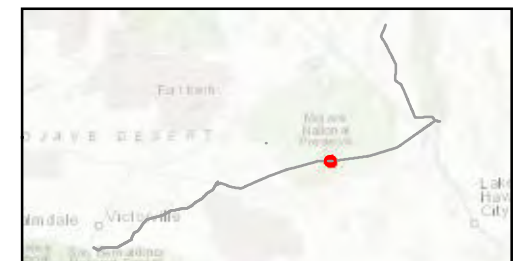


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 176 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Site Access
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

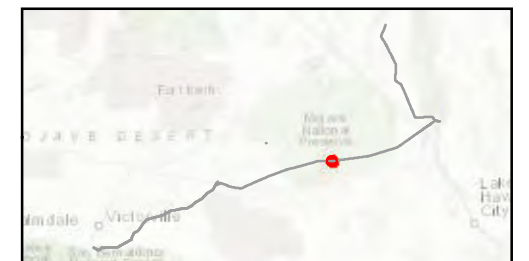
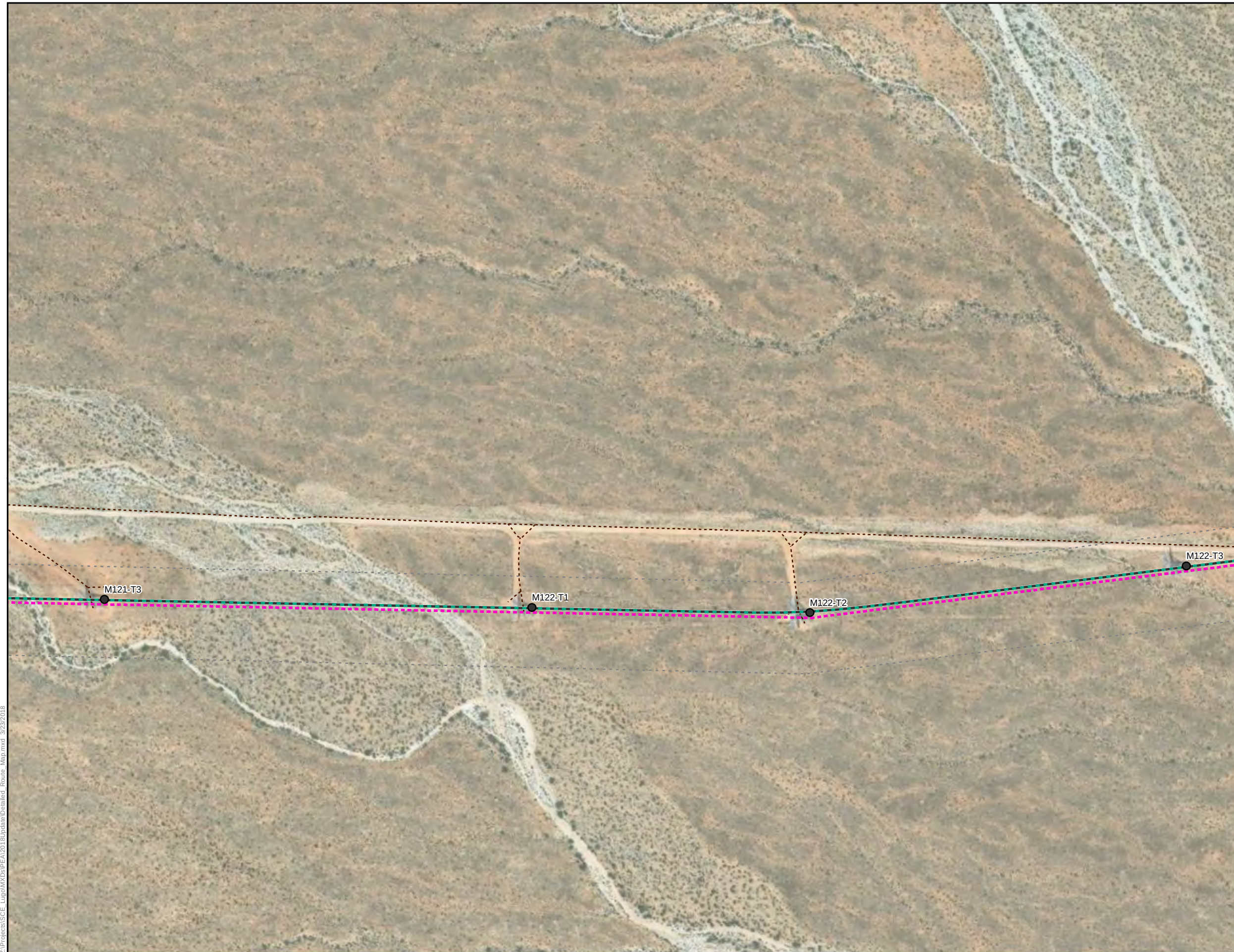


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 177 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 178 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

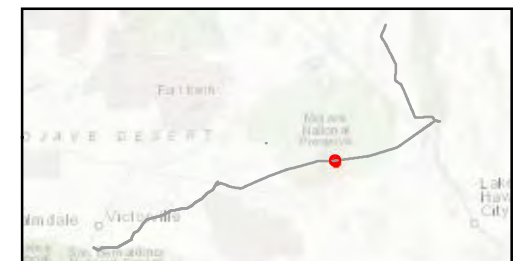


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 179 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Helicopter Landing Zone
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure

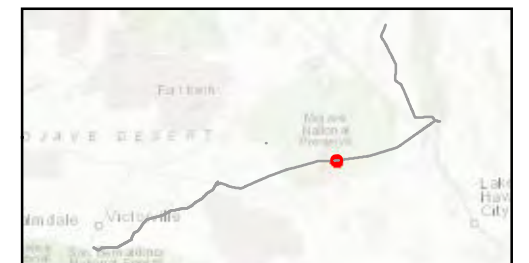


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 180 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Guard Structure Area
 - Helicopter Landing Zone
 - Tower Work
 - Wire Setup
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure**
- Existing Transmission Structure
 - Modified Transmission Structure

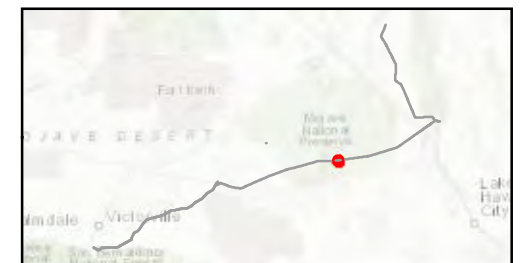


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 181 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Guard Structure Area
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

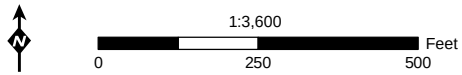


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 182 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

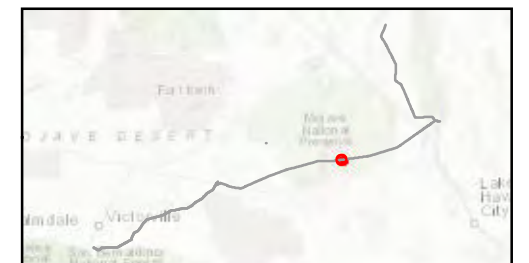


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 183 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

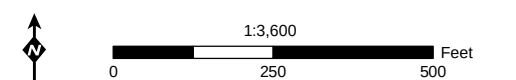


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 184 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

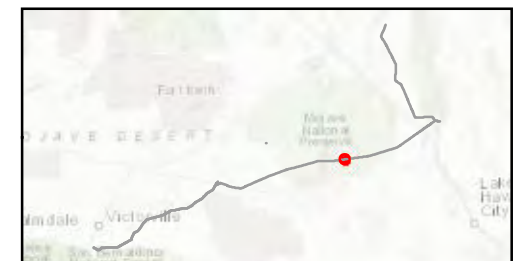


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 185 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

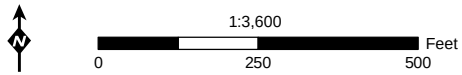


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 186 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

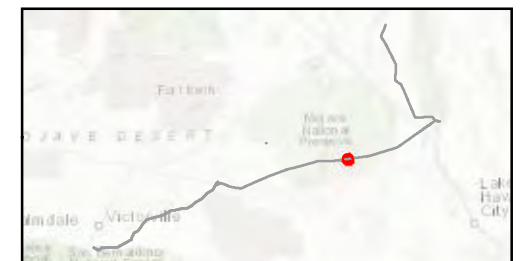


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 187 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure



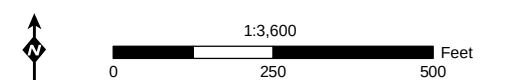
Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 188 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

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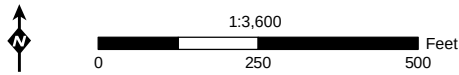


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 189 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



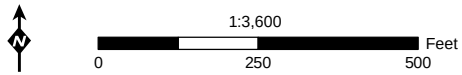
Source: Insignia, 2018; SCE, 2018

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Appendix E:
Detailed Route Map 190 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018

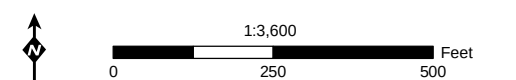
Appendix E:
Detailed Route Map 191 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

M132-T2

M132-T3

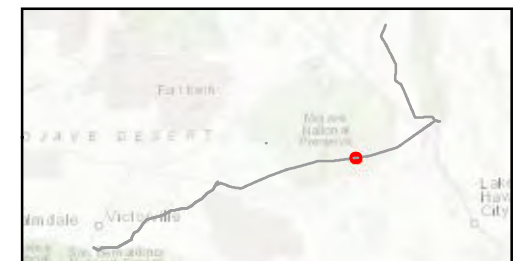


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 192 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure

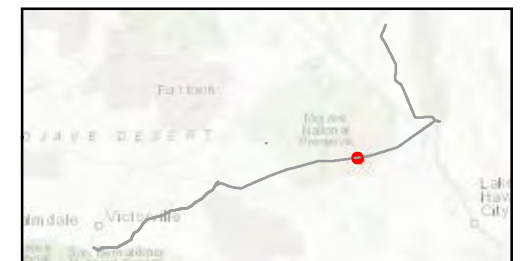


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 193 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 194 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure

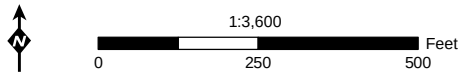


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 195 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure

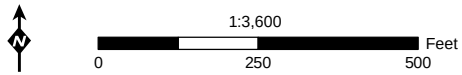


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 196 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure
 - Existing Transmission Structure



Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 197 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
 - Transmission OPGW Alignment
 - Existing Access
 - Right-of-Way
- Transmission Structure
- Existing Transmission Structure

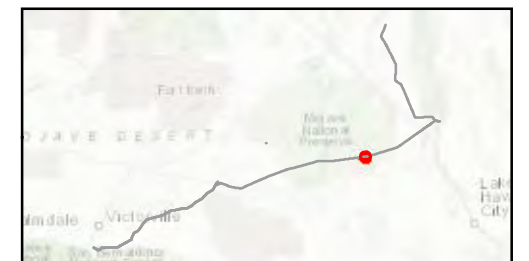
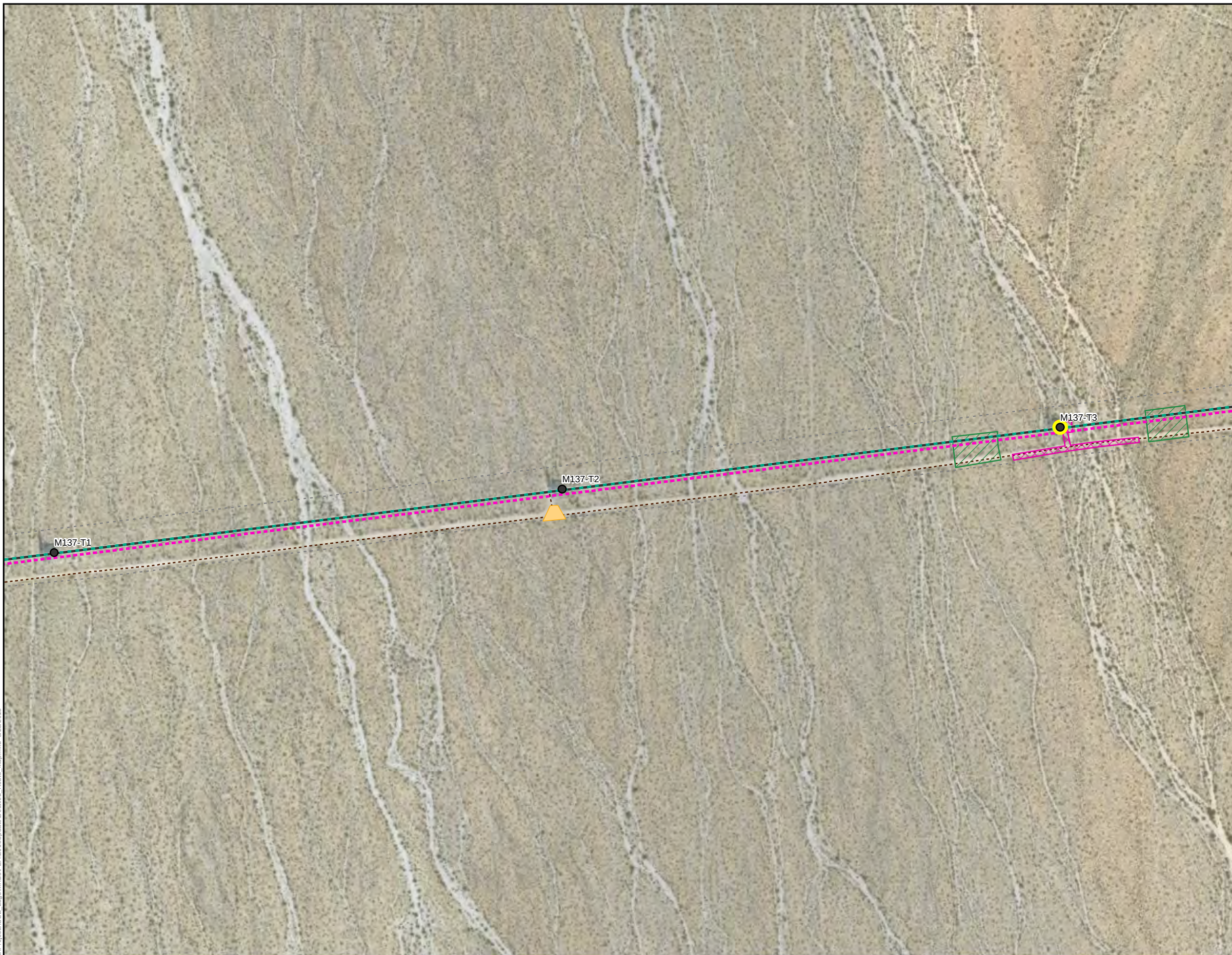


Source: Insignia, 2018; SCE, 2018

Appendix E:
Detailed Route Map 198 of 351

Eldorado-Lugo-Mohave
Series Capacitor Project

- Lugo - Mohave 500 kV Transmission Line
- Helicopter Landing Zone
- Tower Work
- Wire Setup
- Transmission OPGW Alignment
- Existing Access
- Right-of-Way
- Transmission Structure**
 - Existing Transmission Structure
 - Modified Transmission Structure



Source: Insignia, 2018; SCE, 2018