

Sycamore-Peñasquitos 230-kV Transmission Line Project

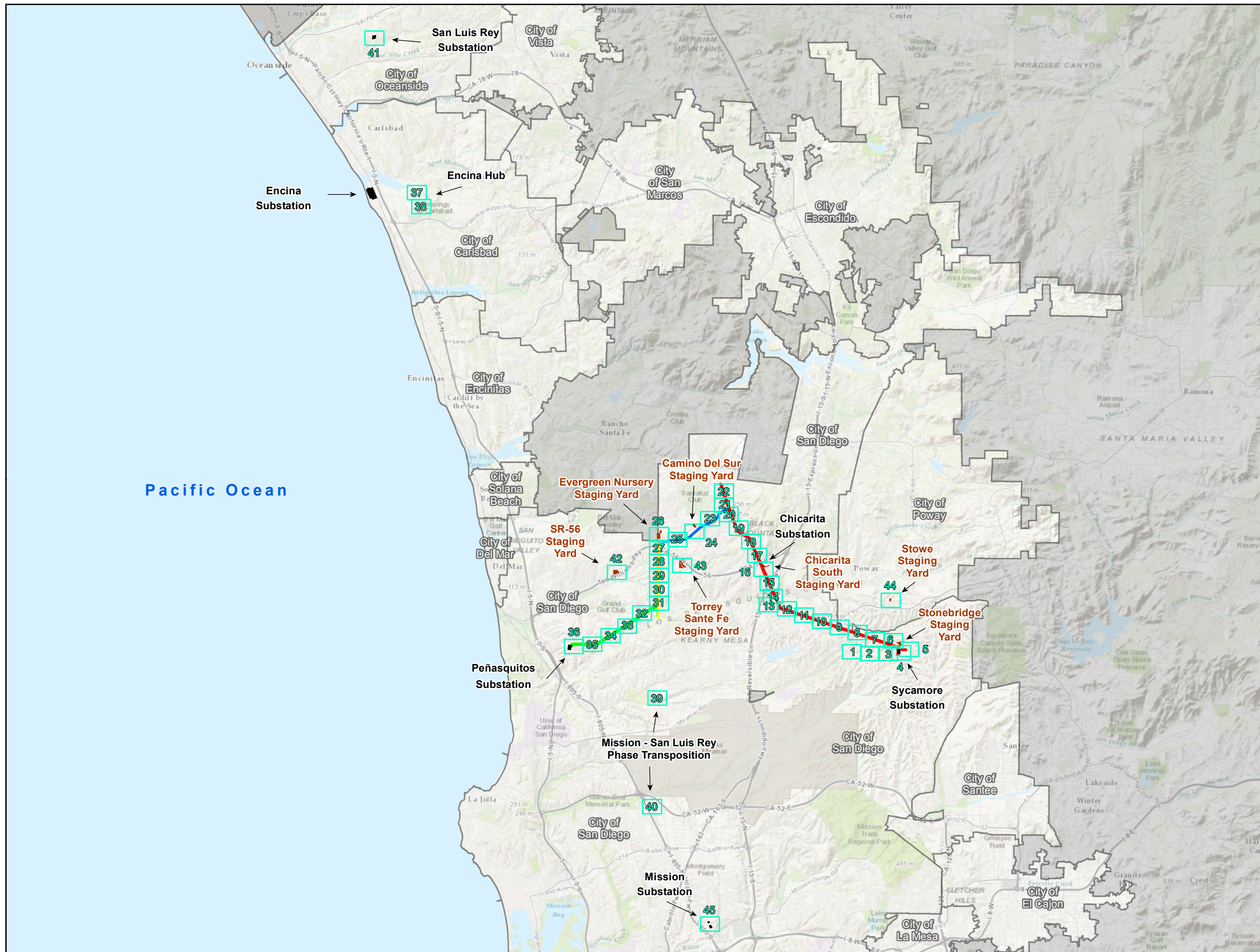
Figure A-1: Proposed Project Detail (Overview Map)

Legend

-  Map Frame
-  Substation
-  Staging Yard
-  City Boundary
-  Unincorporated County Boundary

Proposed Project Alignment

-  Segment A
-  Segment B
-  Segment C
-  Segment D



Pacific Ocean

Map Extent Indicator



Scale = 1:200,000



Date Created: 6/12/2015





**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

Figure A-1: Proposed Project Detail
(Map 1 of 45)

Legend

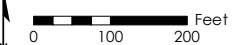
Work Areas

 Access

Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



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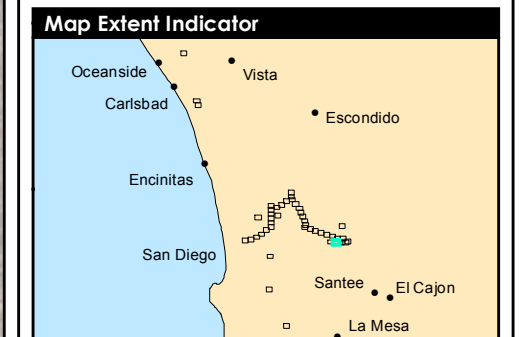
**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

Figure A-1: Proposed Project Detail
(Map 2 of 45)

Legend

Work Areas

 Access



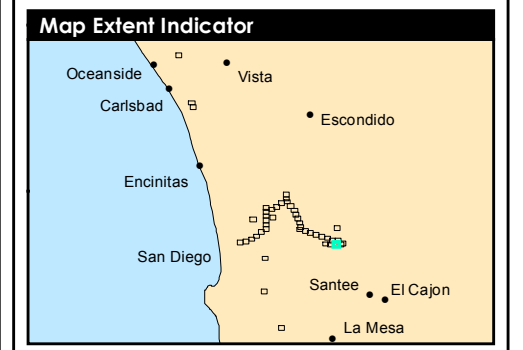
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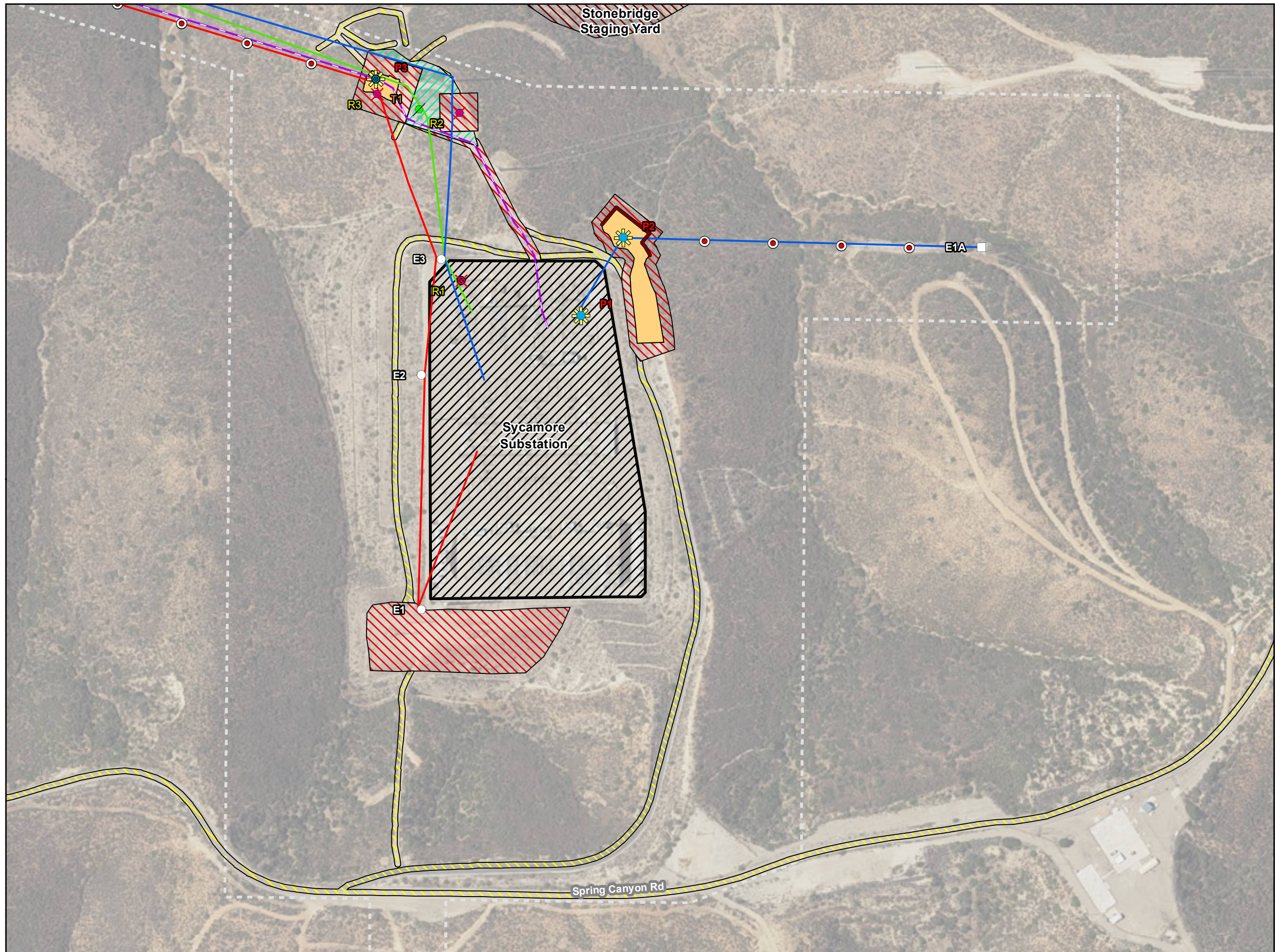
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 3 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel/Cable Pole (Dead End)
 - ✳ Structure with Preliminary Aviation Lighting
 - Preliminary Aviation Marker Balls
- Existing Structures (To)**
- ✳ 138-kV Wood Monopole
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Access
 - ▨ SDG&E Right-of-Way



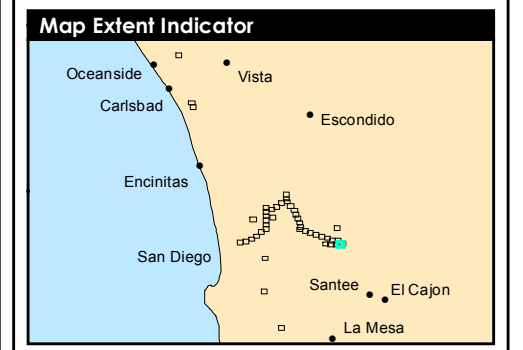
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 4 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel/Cable Pole (Dead End)
 - 230-kV Tubular Steel Pole (Dead End)
 - ✱ Structure with Preliminary Aviation Lighting
 - Preliminary Aviation Marker Balls
 - Retaining Wall
- Existing Structures (To)**
- 230-kV Steel Lattice Tower (Dead End)
 - 230-kV Tubular Steel Pole (Dead End)
- Existing Structures (To)**
- ✱ 69-kV Wood Monopole
- Existing Structures (To)**
- ✱ 138-kV Steel Cable Pole
 - ✱ 138-kV Wood Monopole
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Substation**
- ▭ Substation
- Work Areas**
- ▭ Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Access
 - ▨ Staging Yard
 - ▨ Substation Storage
 - ▨ SDG&E Right-of-Way



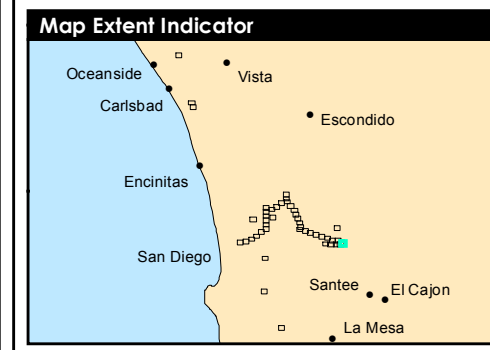
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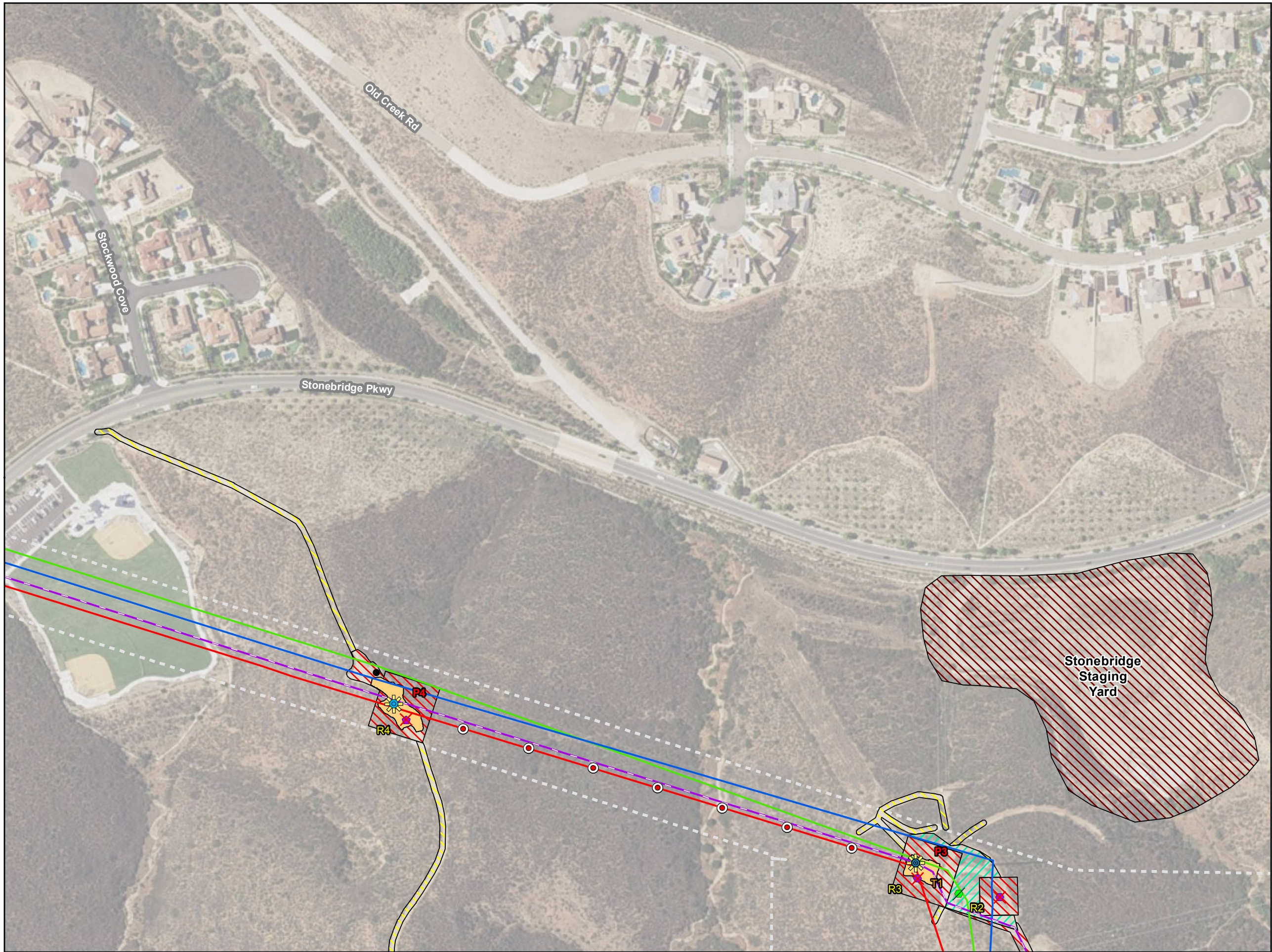
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 5 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel Pole (Dead End)
 - ✱ Structure with Preliminary Aviation Lighting
 - Preliminary Aviation Marker Balls
 - Retaining Wall
- Existing Structures (To**
- 230-kV Steel Lattice Tower (Dead End)
- Transmission Lines**
- 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
- Substation**
- Substation
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▧ Access
 - ▩ Staging Yard
 - ▤ Substation Storage
 - ▦ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015





Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 6 of 45)

Legend

Proposed

- 230-kV Tubular Steel/Cable Pole (Dead End)
- 230-kV Tubular Steel Pole (Tangent)
- Structure with Preliminary Aviation Lighting
- Preliminary Aviation Marker Balls

Existing Structures (To)

- (Structure Not Part of Project)

Existing Structures (To)

- 69-kV Wood Monopole

Existing Structures (To)

- 138-kV Wood H-Frame
- 138-kV Wood Monopole

Transmission

- 230-kV (Proposed Overhead)
- 230-kV (Existing Overhead)

Power Lines

- 138-kV (Relocated Overhead)
- 69-kV (Existing Overhead)

Work Areas

- Structure Pad
- Structure Installation/Removal
- Stringing Site
- Access
- Staging Yard
- SDG&E Right-of-Way

Map Extent Indicator

Scale = 1:3,000

0 100 200 Feet

Aerial Imagery: 2014

Date Created: 6/12/2015




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Sycamore-Peñasquitos 230-kV Transmission Line Project


Figure A-1: Proposed Project Detail (Map 7 of 45)

Legend

Proposed

-  230-kV Tubular Steel Pole (Tangent)
-  Preliminary Aviation Marker Balls
-  Retaining Wall



Existing Structures (To)

-  (Structure Not Part of Project)



Existing Structures (To)

-  138-kV Wood H-Frame






Transmission

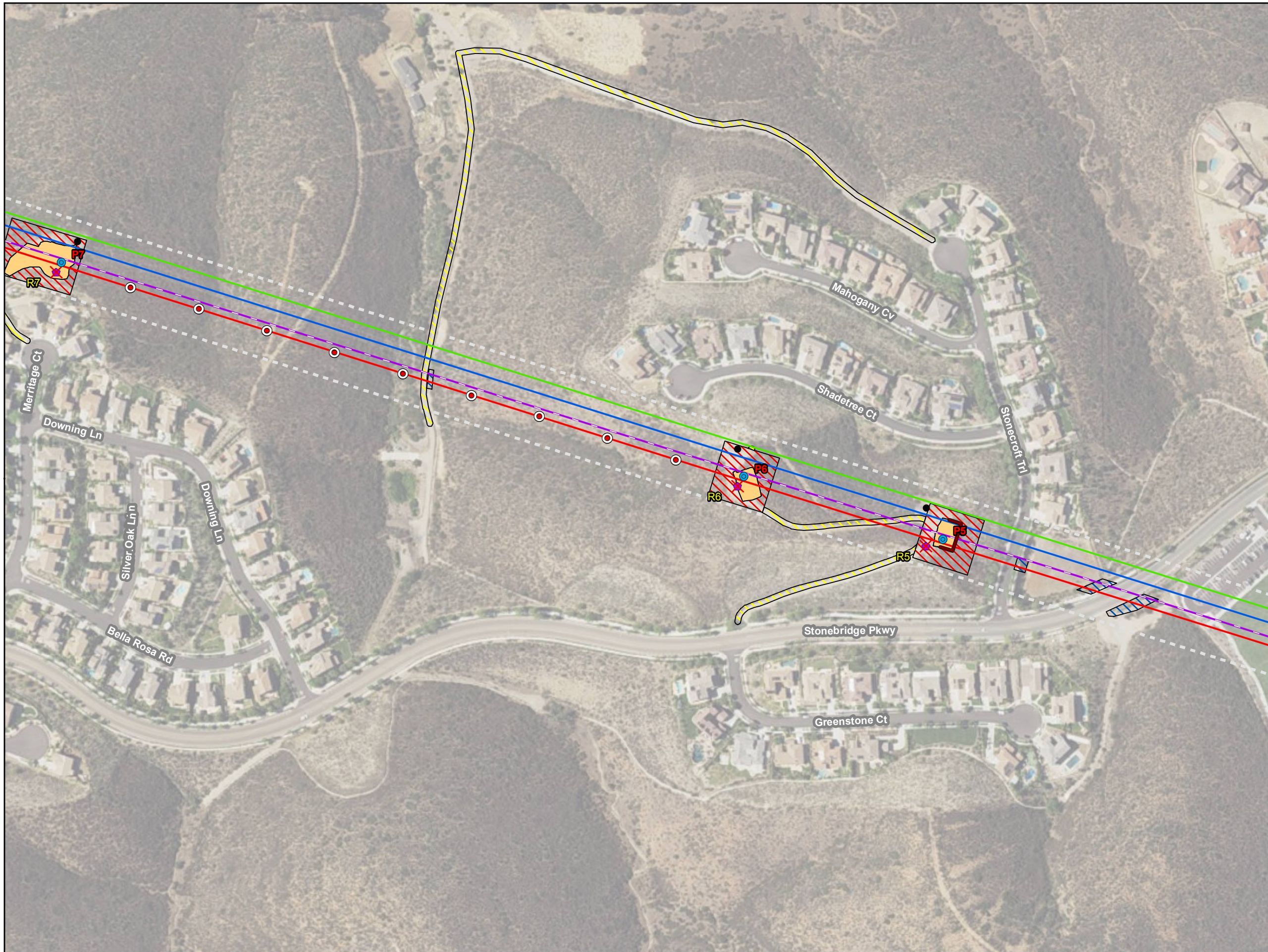
-  230-kV (Proposed Overhead)
-  230-kV (Existing Overhead)

Power Lines

-  138-kV (Relocated Overhead)
-  69-kV (Existing Overhead)

Work Areas

-  Structure Pad
-  Structure Installation/Removal
-  Guard Structure
-  Access
-  SDG&E Right-of-Way



Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 8 of 45)

Legend

Proposed

- 230-kV Tubular Steel Pole
- Preliminary Aviation Marker Balls

Existing Structures (To

- (Structure Not Part of Project)

Existing Structures (To

- ✘ 138-kV Wood H-Frame

Transmission

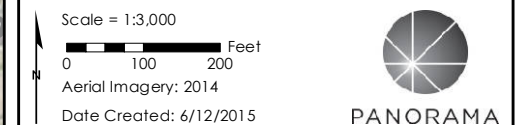
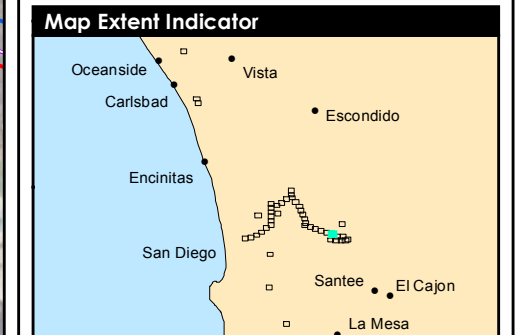
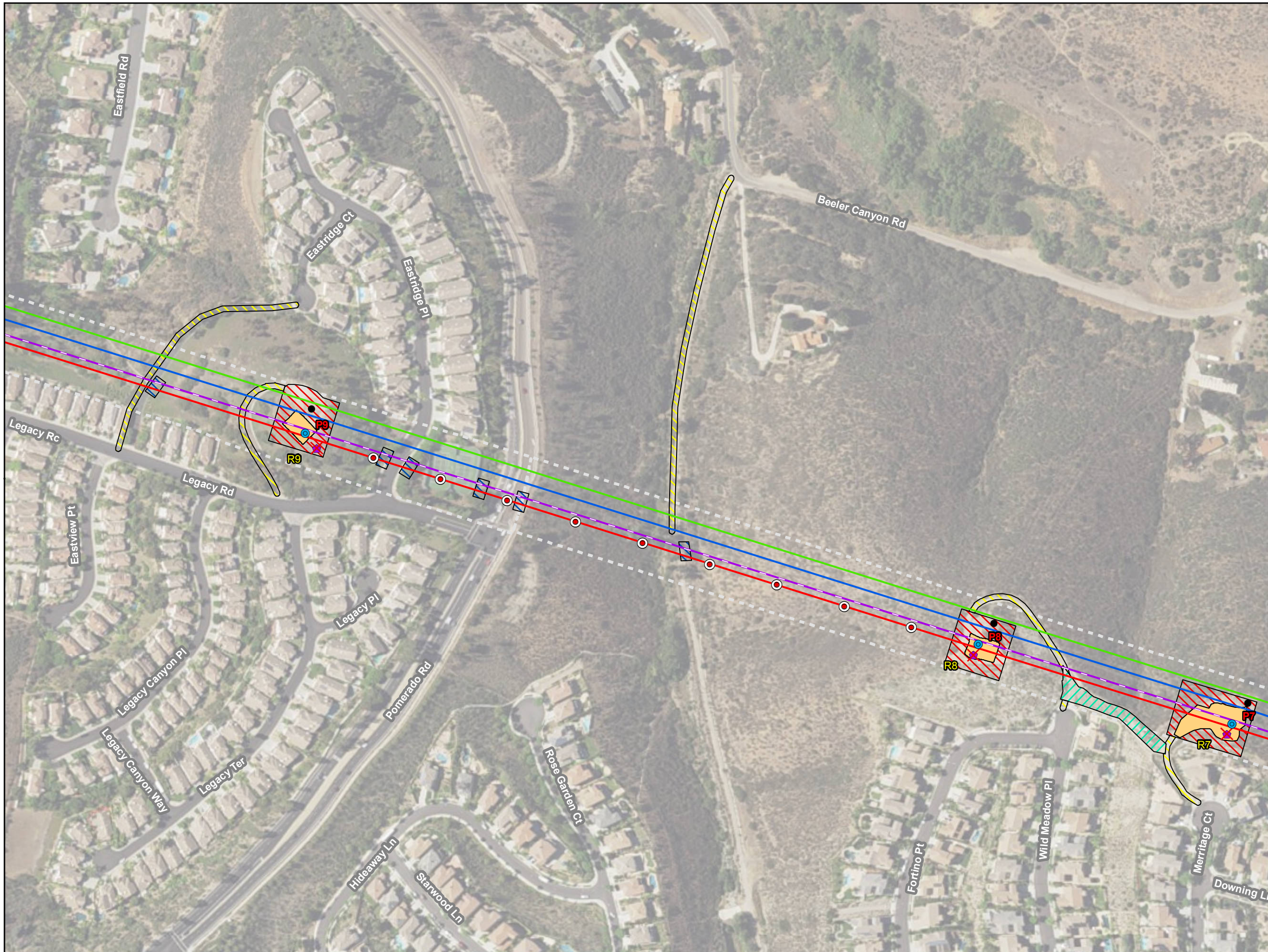
- 230-kV (Proposed Overhead)
- 230-kV (Existing Overhead)

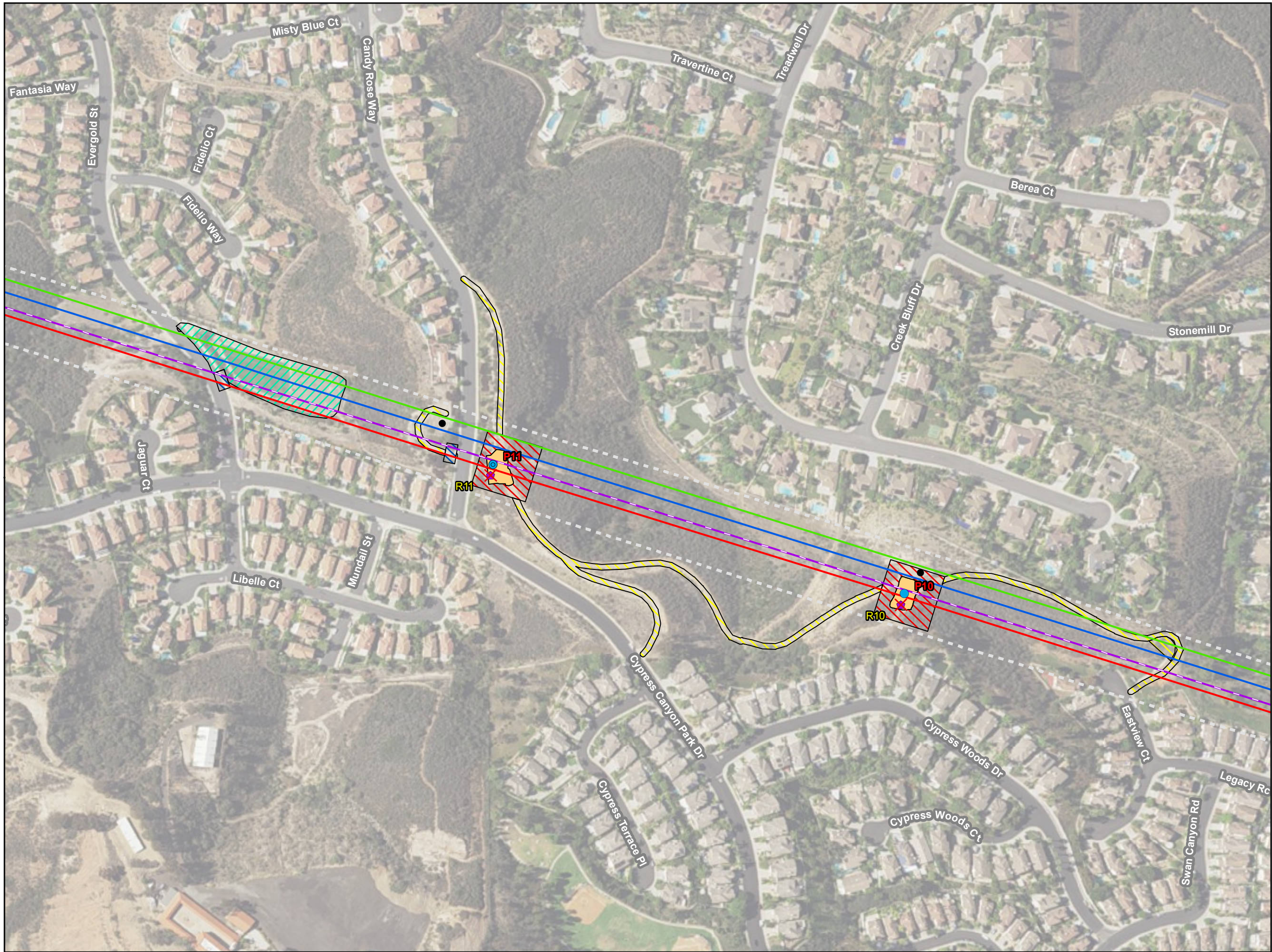
Power Lines

- 138-kV (Relocated Overhead)
- 69-kV (Existing Overhead)

Work Areas

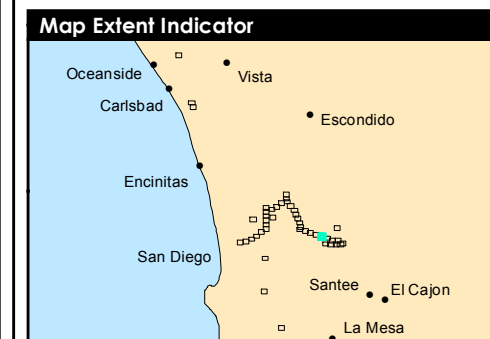
- Structure Pad
- ▨ Structure Installation/Removal
- ▨ Stringing Site
- ▨ Guard Structure
- ▨ Access
- ▨ SDG&E Right-of-Way





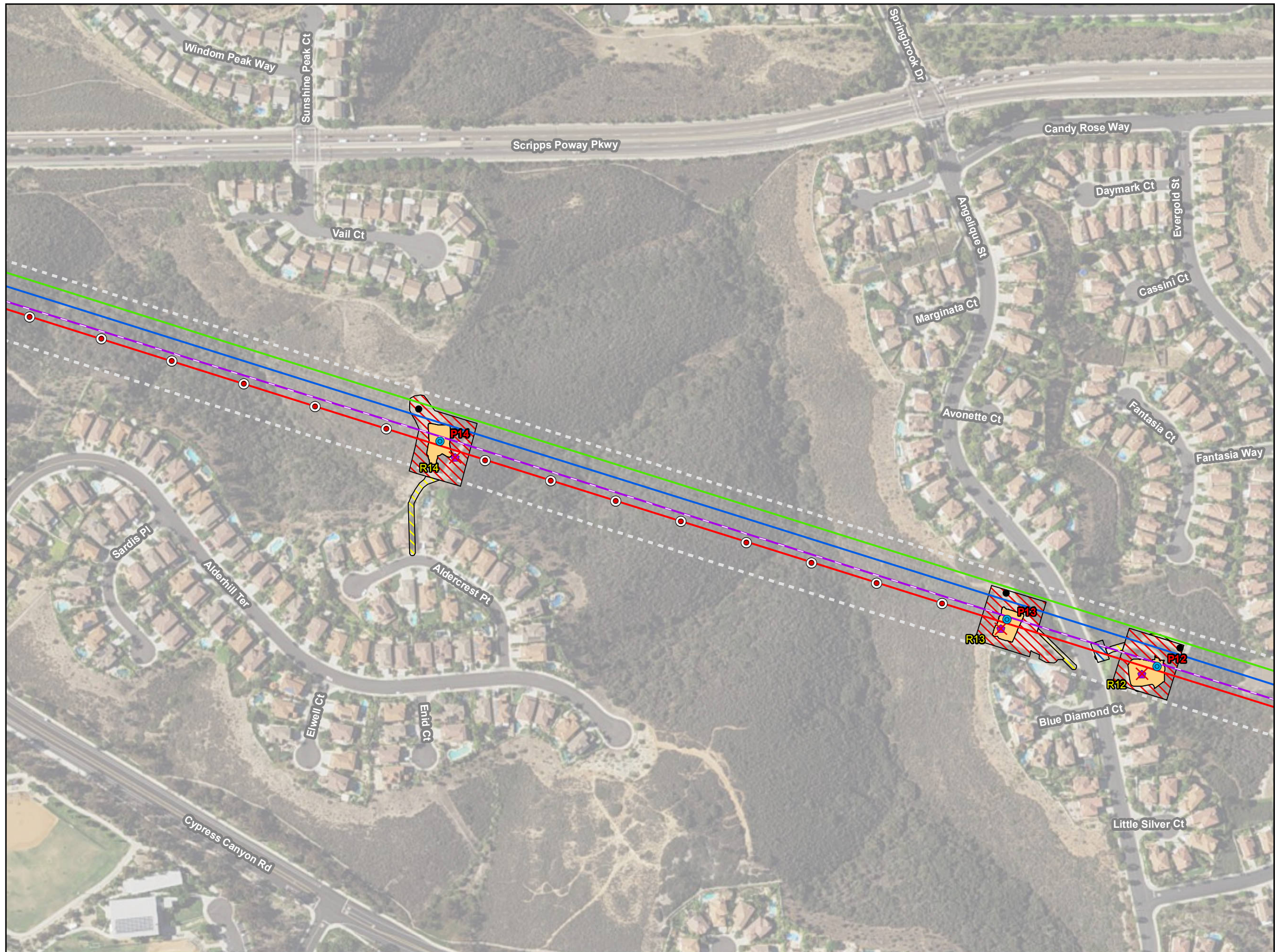
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail (Map 9 of 45)

- Legend**
- Proposed**
 - 230-kV Tubular Steel Pole
 - 230-kV Tubular Steel Pole (Dead)
 - Existing Structures (To)**
 - (Structure Not Part of Project)
 - Existing Structures (To)**
 - ✖ 138-kV Wood H-Frame
 - Transmission**
 - 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
 - Power Lines**
 - 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
 - Work Areas**
 - Structure Pad
 - Structure Installation/Removal
 - Stringing Site
 - Guard Structure
 - Access
 - SDG&E Right-of-Way



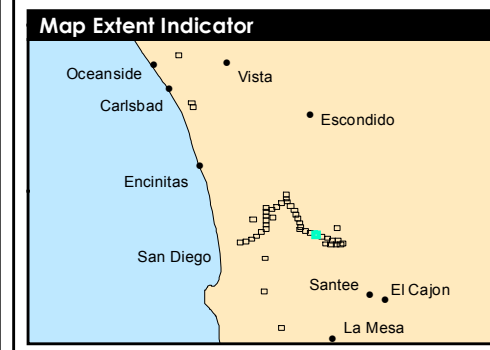
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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 10 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole
 - Preliminary Aviation Marker Balls
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- ✖ 138-kV Wood H-Frame
- Transmission**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 11 of 45)

Legend

Proposed Structures

- 230-kV Tubular Steel Pole (Tangent)
- Preliminary Aviation Marker Balls

Existing Structures (To Remain)

- (Structure Not Part of Project)

Existing Structures (To Remove)

- ✖ 138-kV Wood H-Frame

Transmission Lines

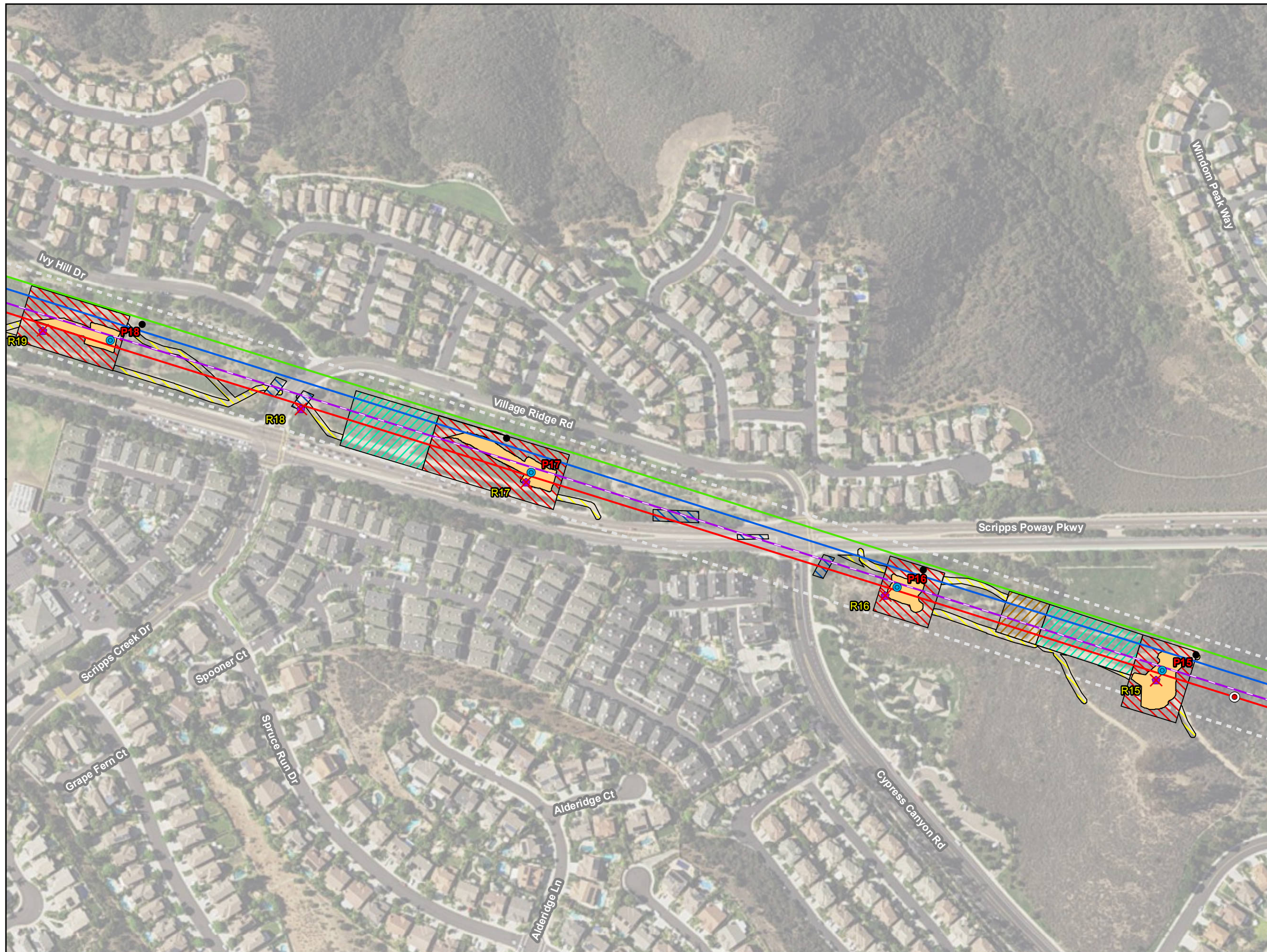
- 230-kV (Proposed Overhead)
- 230-kV (Existing Overhead)

Power Lines

- 138-kV (Relocated Overhead)
- 69-kV (Existing Overhead)

Work Areas

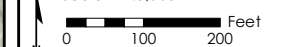
- Structure Pad
- ▨ Structure Installation/Removal
- ▨ Stringing Site
- ▨ Guard Structure
- ▨ Access
- ▨ Laydown
- ▨ SDG&E Right-of-Way



Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015

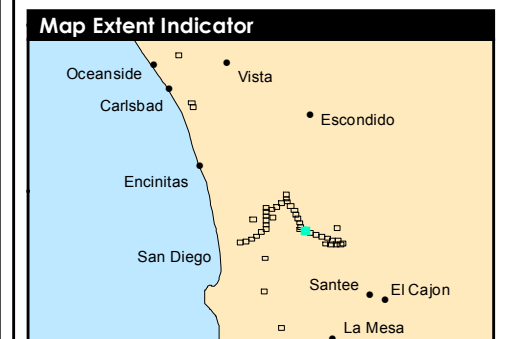


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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 12 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel Pole (Tangent)
 - 230-kV Tubular Steel Pole (Dead End)
- Existing Structures (To Remain)**
- (Structure Not Part of Project)
- Existing Structures (To Remove)**
- ✖ 138-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



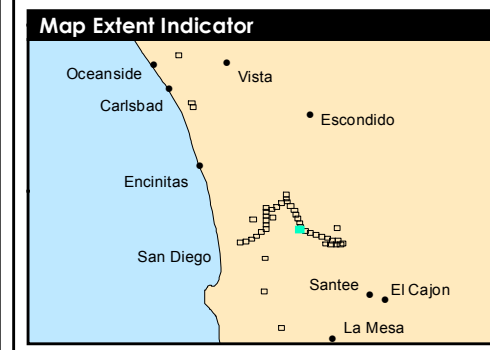
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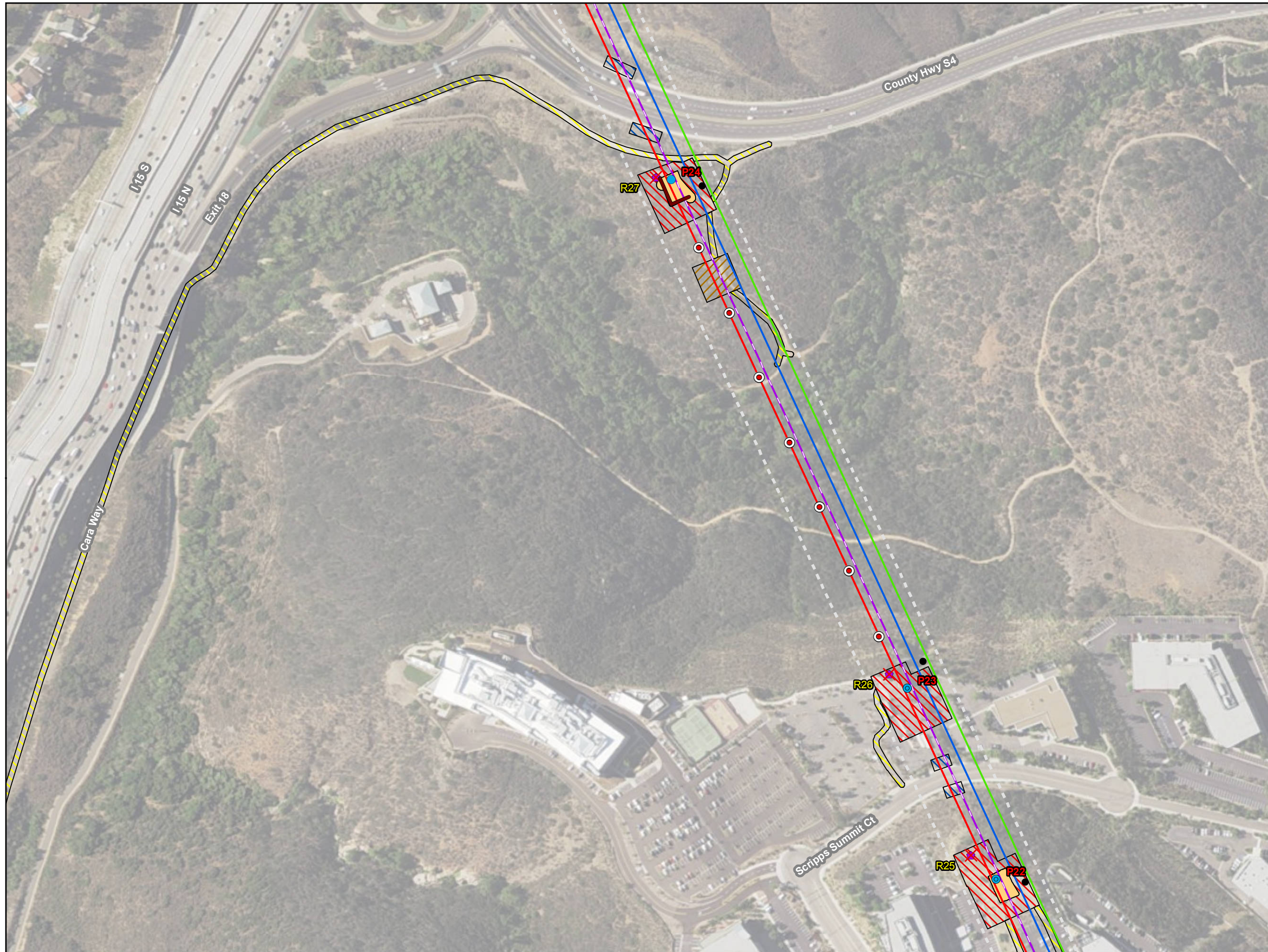
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 13 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel Pole (Tangent)
 - Preliminary Aviation Marker Balls
- Existing Structures (To**
- (Structure Not Part of Project)
- Existing Structures (To**
- ✖ 138-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 14 of 45)

Legend

Proposed Structures

- 230-kV Tubular Steel Pole (Tangent)
- 230-kV Tubular Steel Pole (Dead End)
- Preliminary Aviation Marker Balls
- Retaining Wall

Existing Structures (To)

- (Structure Not Part of Project)

Existing Structures (To)

- 138-kV Wood H-Frame

Transmission Lines

- 230-kV (Proposed Overhead)
- 230-kV (Existing Overhead)

Power Lines

- 138-kV (Relocated Overhead)
- 69-kV (Existing Overhead)

Work Areas

- Structure Pad
- Structure Installation/Removal
- Guard Structure
- Access
- Laydown
- SDG&E Right-of-Way

Map Extent Indicator



Scale = 1:3,000

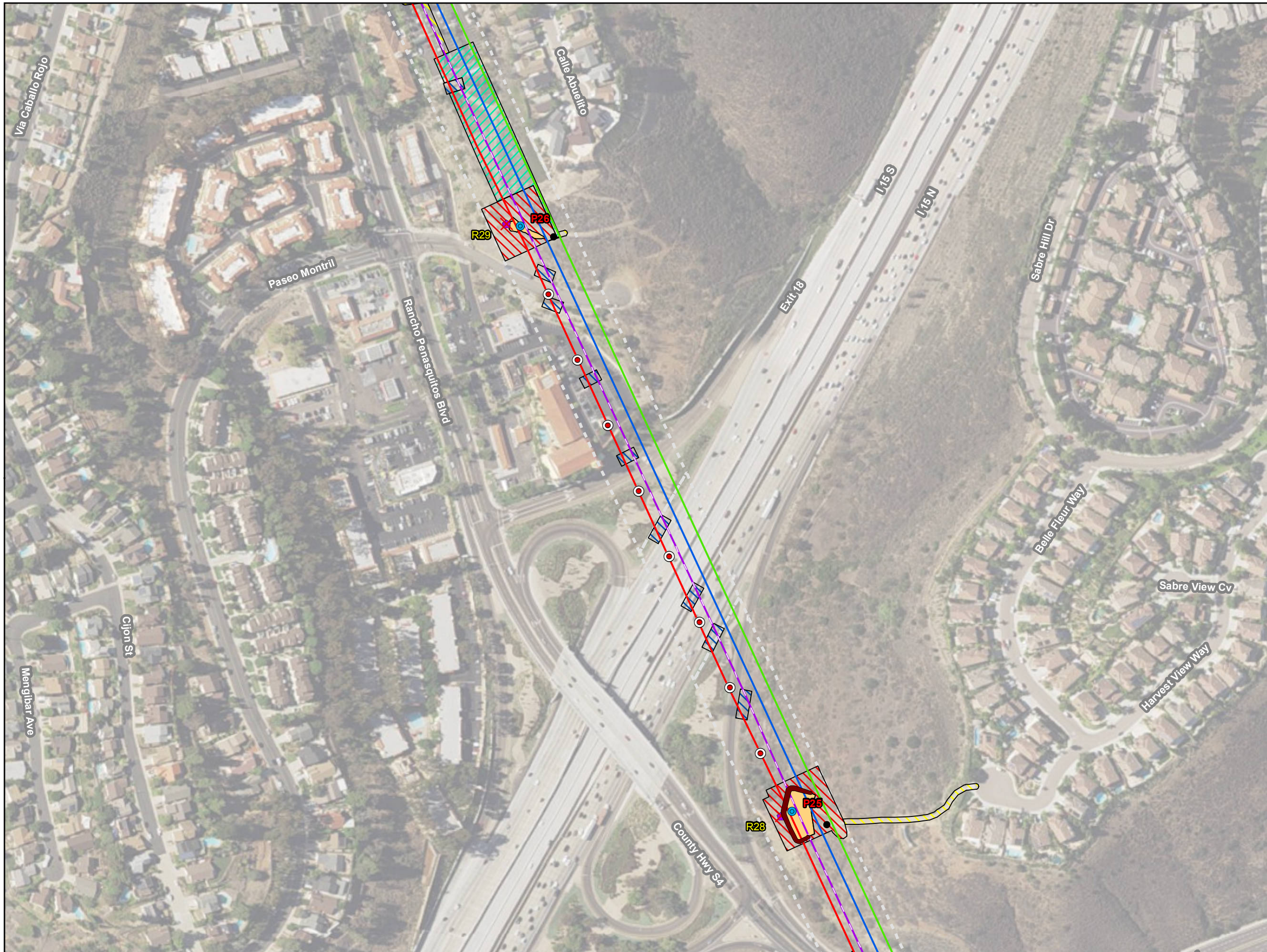


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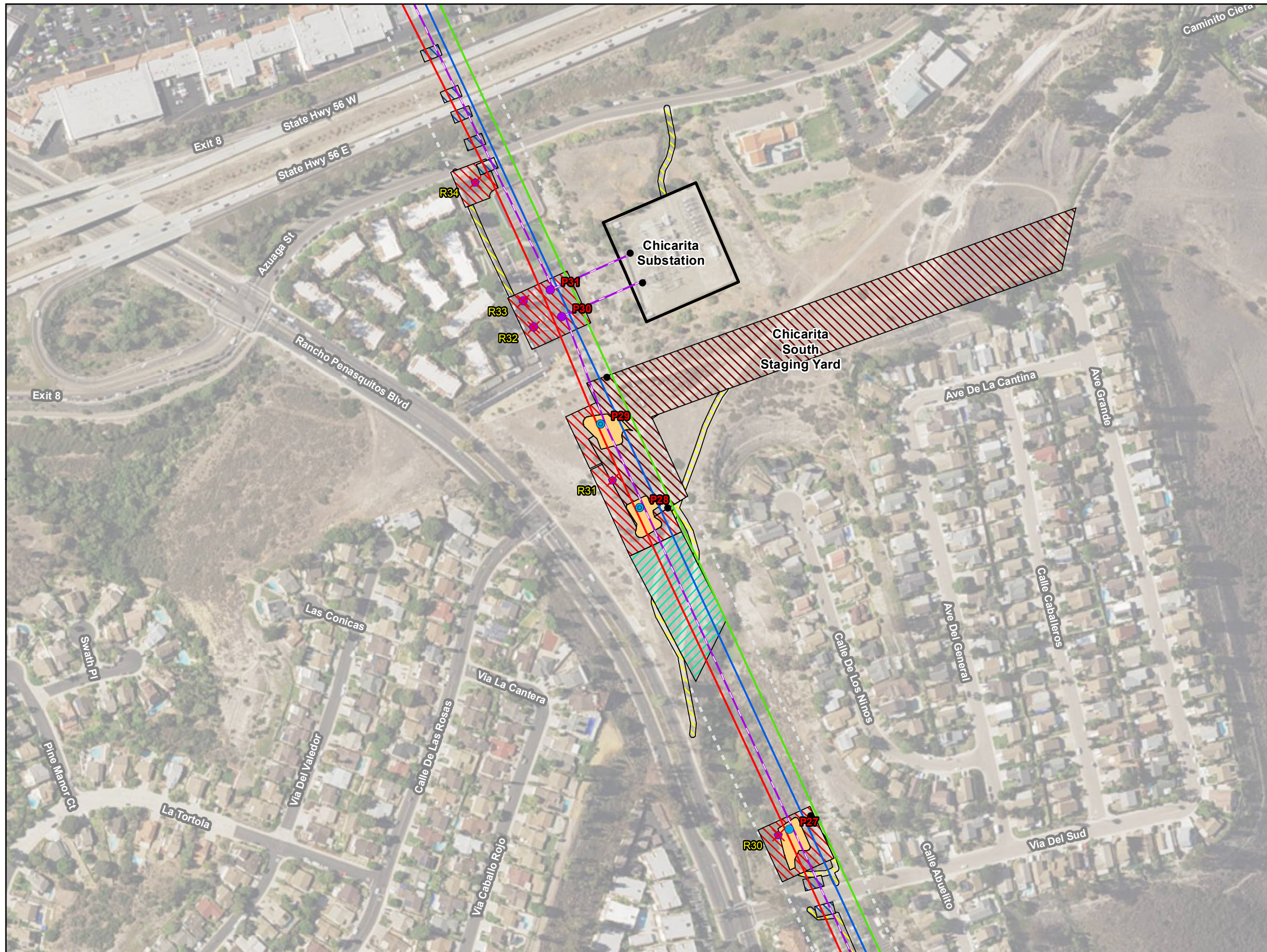
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 15 of 45)

- Legend**
- Proposed Structures**
- 230-kV Tubular Steel Pole (Tangent)
 - Preliminary Aviation Marker Balls
 - Retaining Wall
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- ✕ 138-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail (Map 16 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole (Tangent)
 - 230-kV Tubular Steel Pole (Dead)
 - 138-kV Tubular Steel Pole (Dead)
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- ✘ 138-kV Tubular Steel Pole
 - ✘ 138-kV Wood H-Frame
- Transmission**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Substation**
- ▭ Substation
- Work Areas**
- ▭ Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Access
 - ▨ Staging Yard
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 17 of 45)

Legend

Proposed Structures

- 230-kV Tubular Steel Pole (Tangent)
- 230-kV Tubular Steel Pole (Dead End)

Existing Structures (To

- (Structure Not Part of Project)

Existing Structures (To

- ✖ 138-kV Wood H-Frame

Transmission Lines

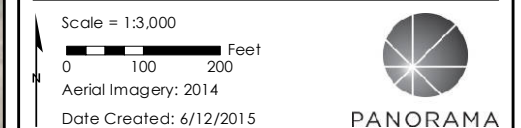
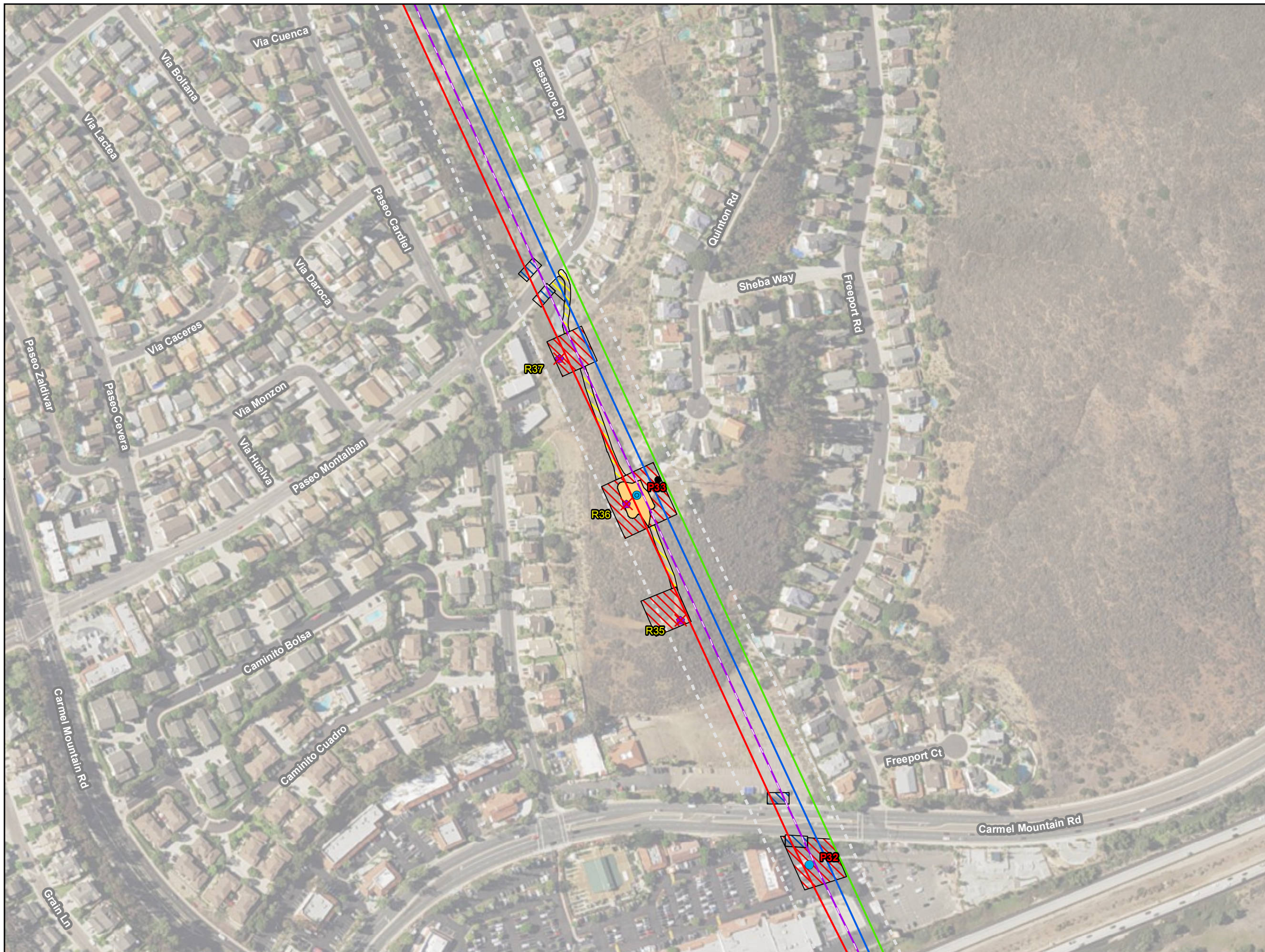
- 230-kV (Proposed Overhead)
- 230-kV (Existing Overhead)

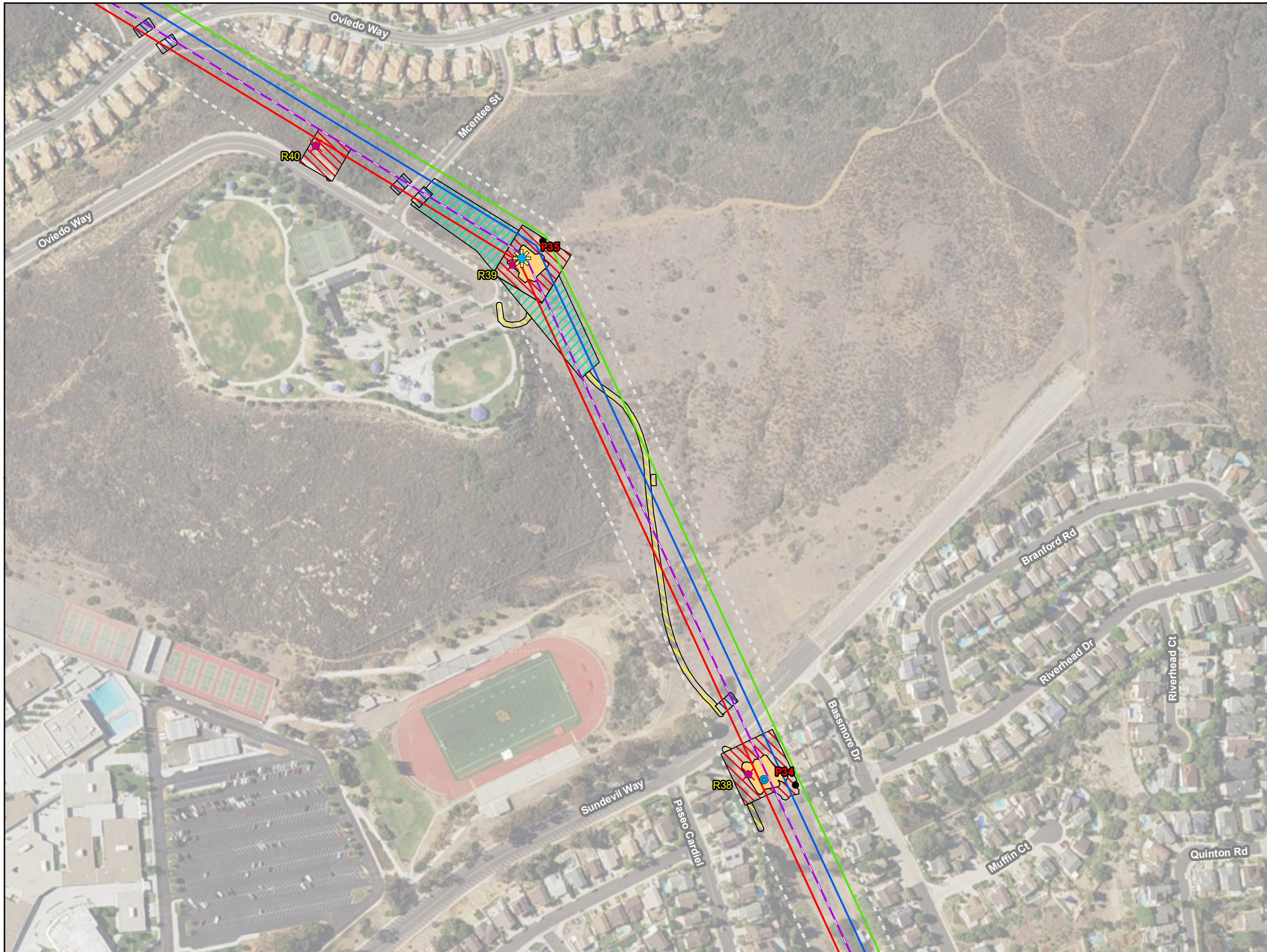
Power Lines

- 138-kV (Relocated Overhead)
- 69-kV (Existing Overhead)

Work Areas

- Structure Pad
- ▨ Structure Installation/Removal
- ▨ Guard Structure
- ▨ Access
- ▨ SDG&E Right-of-Way





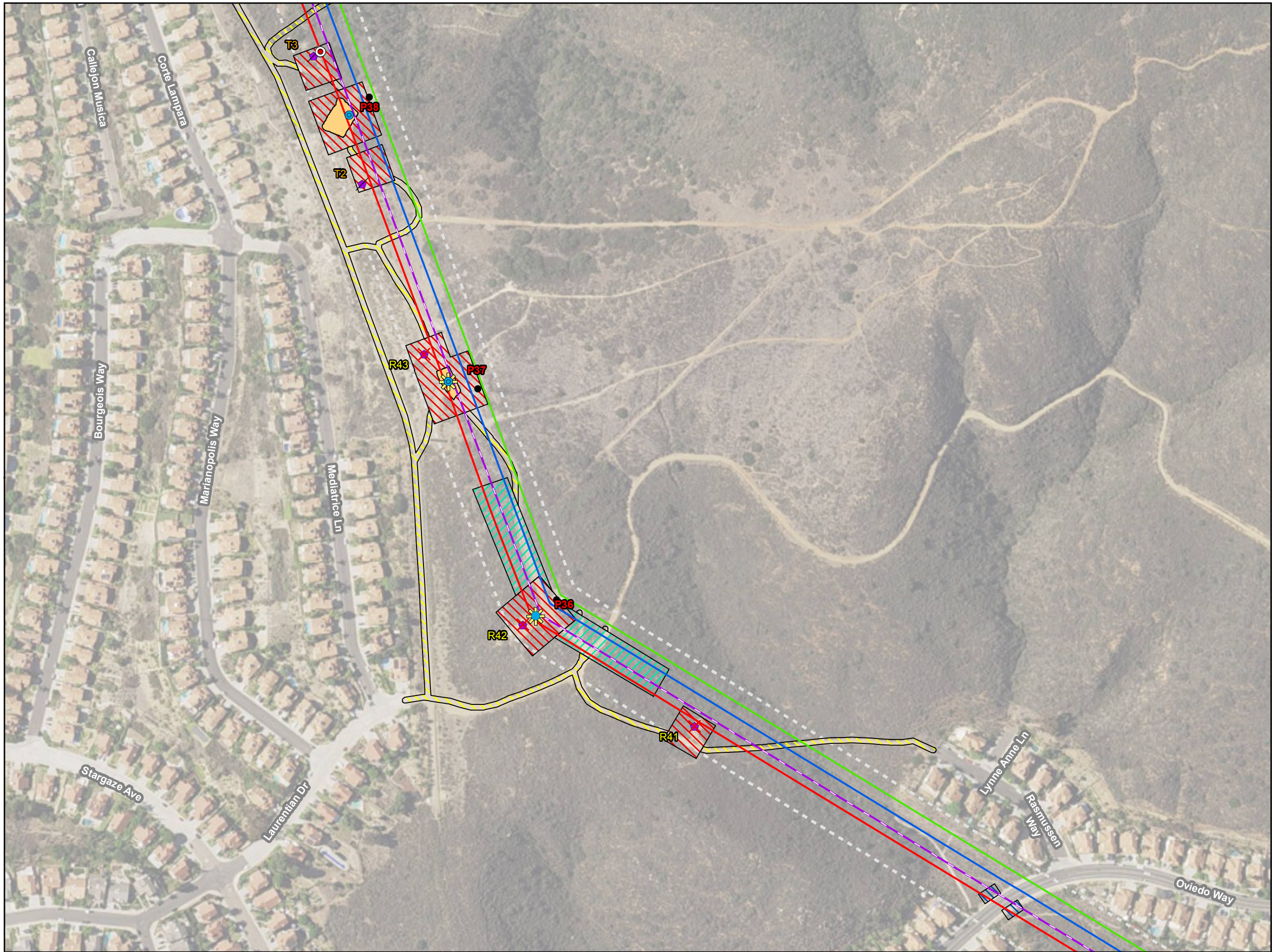
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 18 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole (Tangent)
 - 230-kV Tubular Steel Pole (Dead End)
 - ✦ Structure with Preliminary Aviation Lighting
- Existing Structures (To)**
- (Structure Not Part of Project)
 - ✦ 138-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



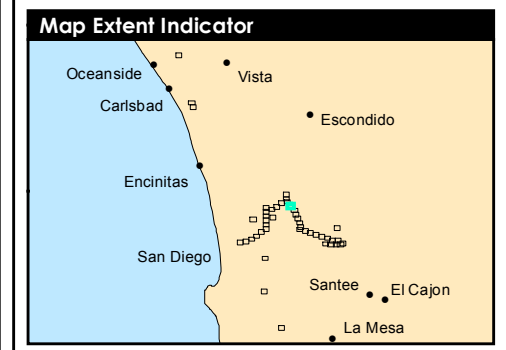
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 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 19 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole
 - 230-kV Tubular Steel Pole (Dead)
 - ✦ Structure with Preliminary Aviation Lighting
 - Preliminary Aviation Marker Balls
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- ✦ 138-kV Wood H-Frame
- Existing Structures (To)**
- ✦ 138-kV Wood H-Frame
- Transmission**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Access
 - ▨ SDG&E Right-of-Way



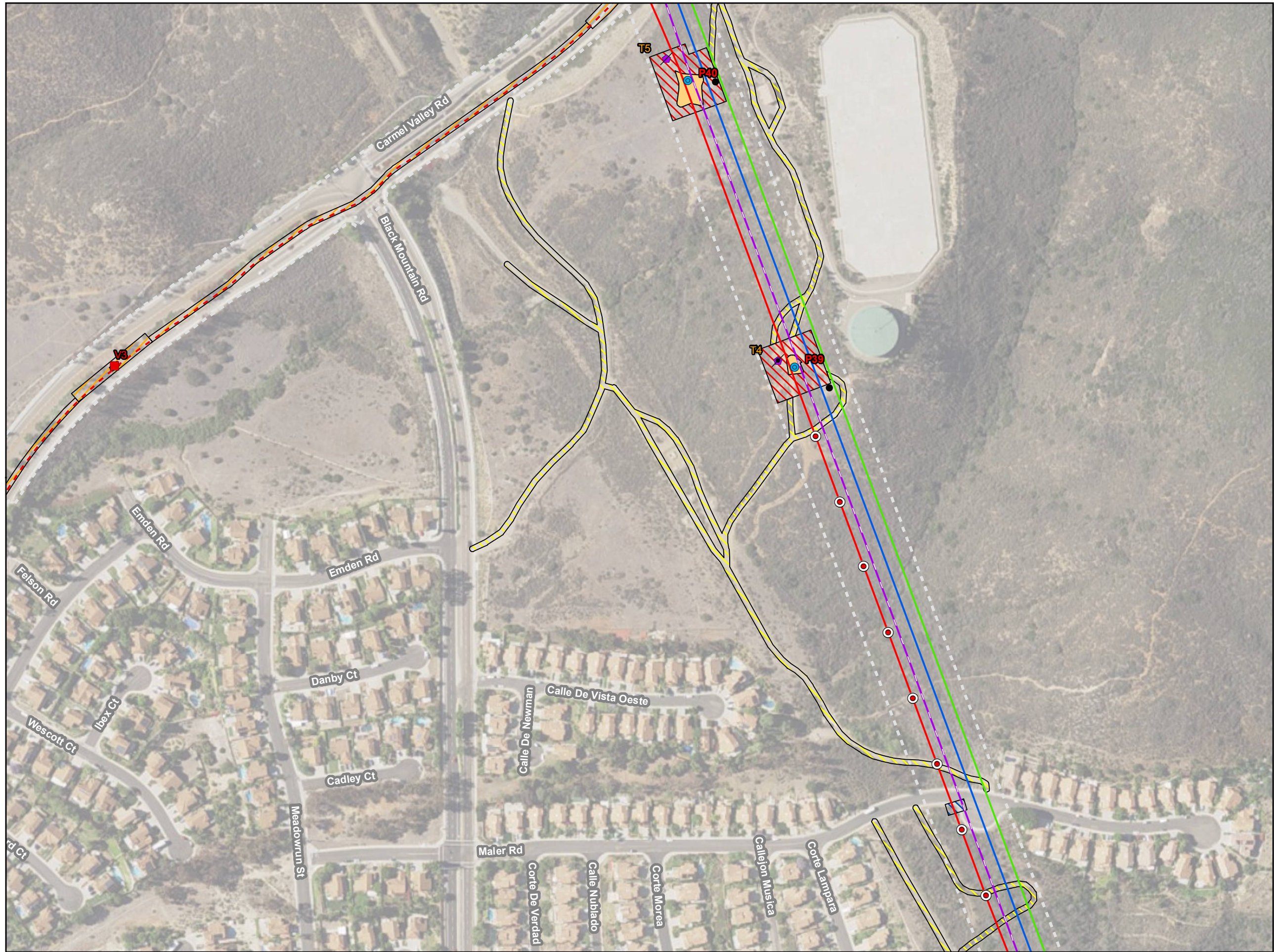
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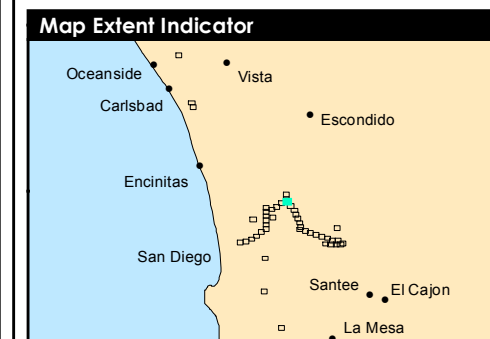
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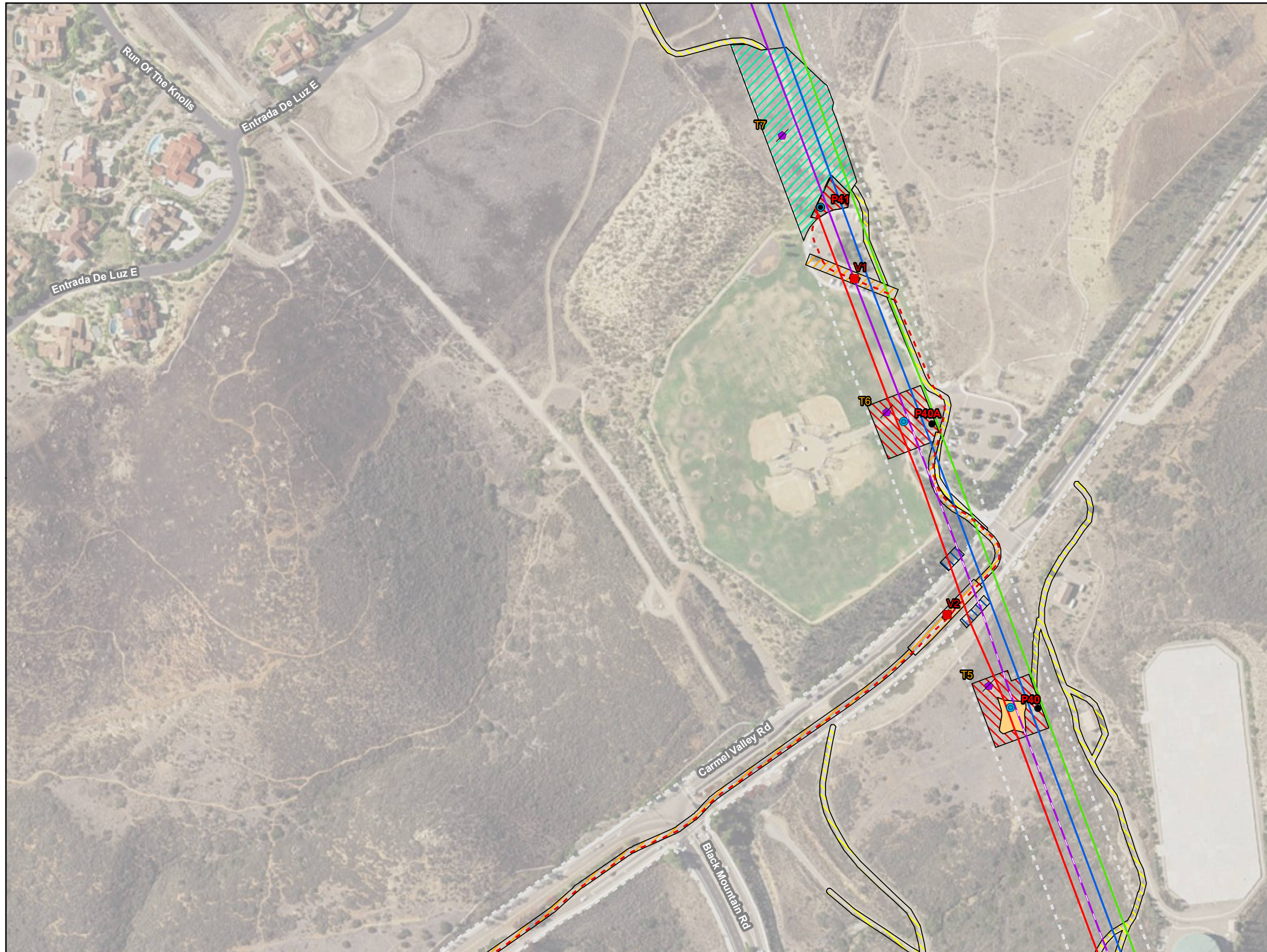
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 20 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole (Tangent)
 - Preliminary Aviation Marker Balls
 - Splice Vault
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- 138-kV Steel H-Frame
 - 138-kV Wood H-Frame
- Transmission**
- 230-kV (Proposed Overhead)
 - - 230-kV (Proposed Underground)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - Structure Installation/Removal
 - Guard Structure
 - Underground Construction
 - Access
 - SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 21 of 45)

- Legend**
- Proposed**
- 230-kV Steel Cable Pole (Dead End)
 - 230-kV Tubular Steel Pole (Tangent)
 - Splice Vault
- Existing Structures (To)**
- (Structure Not Part of Project)
- Existing Structures (To)**
- 138-kV Wood H-Frame
- Transmission**
- 230-kV (Proposed Overhead)
 - - 230-kV (Proposed Underground)
 - 230-kV (Existing Overhead)
- Power Lines**
- 138-kV (Existing Overhead)
 - 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Guard Structure
 - ▨ Underground Construction
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
 0 100 200 Feet
 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 22 of 45)

Legend

Proposed Structures

138-kV Steel H-Frame (Dead End)

Existing Structures (To

138-kV Steel H-Frame

Transmission Lines

230-kV (Existing Overhead)

Power Lines

138-kV (Existing Overhead)

69-kV (Existing Overhead)

Work Areas

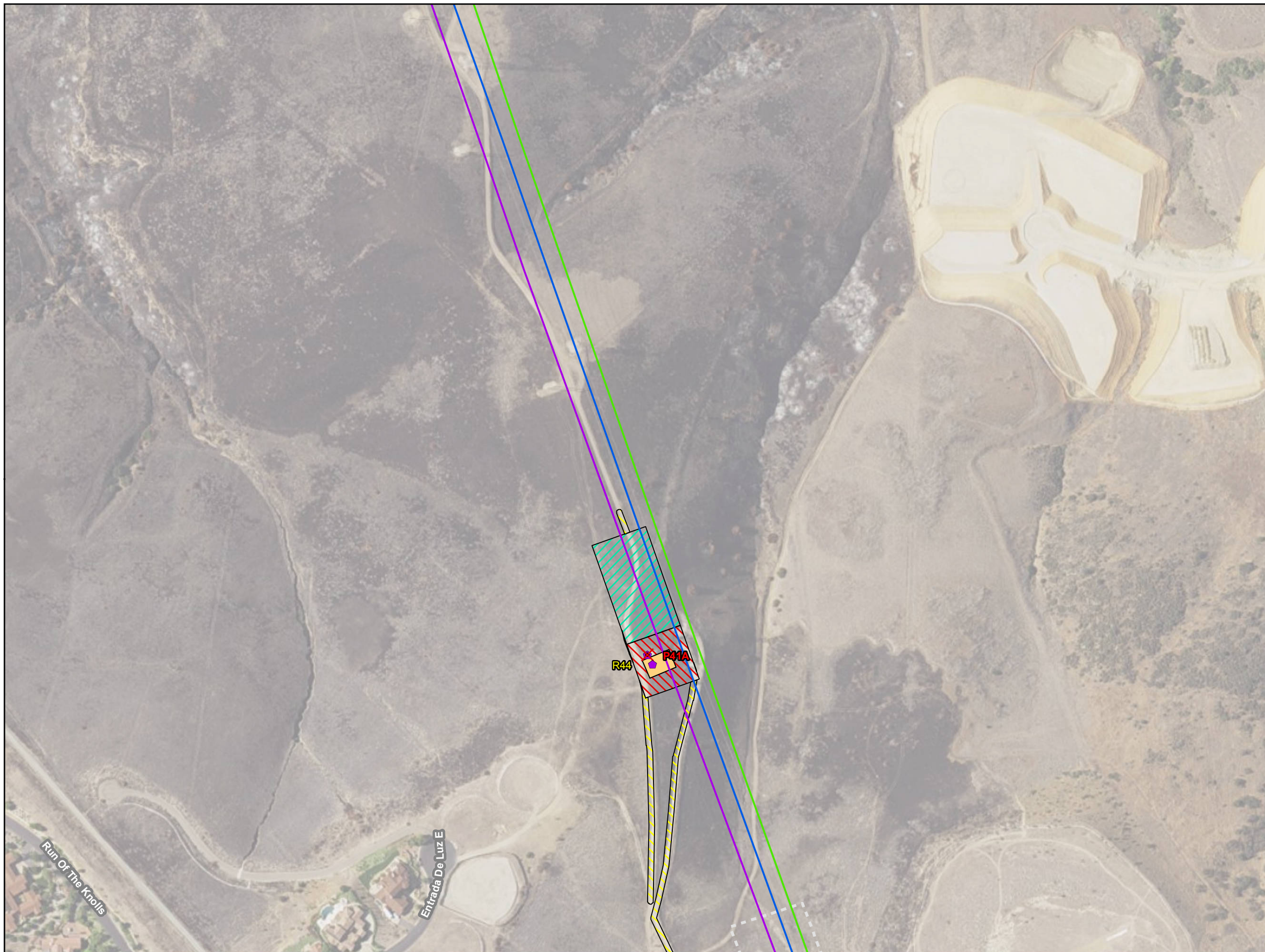
Structure Pad

Structure Installation/Removal

Stringing Site

Access

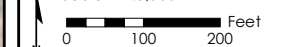
SDG&E Right-of-Way



Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



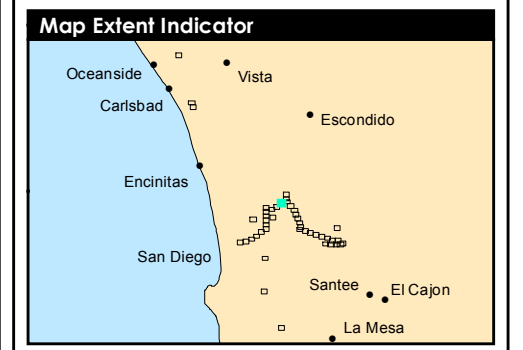
PANORAMA

Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 23 of 45)

Legend

- Splice Vault
- Transmission
 - - 230-kV (Proposed Underground)
- Work Areas
 - ▭ Underground Construction
 - ▭ SDG&E Right-of-Way

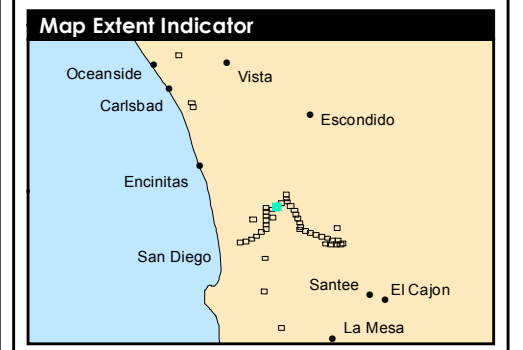


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Aerial Imagery: 2014
Date Created: 6/12/2015




Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail (Map 24 of 45)

- Legend**
- Splice Vault
 - Transmission**
 - - 230-kV (Proposed)
 - Work Areas**
 - Underground Construction
 - Staging Yard
 - SDG&E Right-of-Way



Scale = 1:3,000
 0 100 200 Feet
 Aerial Imagery: 2014
 Date Created: 6/12/2015



Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 25 of 45)

Legend

- Splice Vault
- Transmission**
- - 230-kV (Proposed)
- Work Areas**
- Underground Construction
- SDG&E Right-of-Way



Scale = 1:3,000
 0 100 200 Feet
 Aerial Imagery: 2014
 Date Created: 6/12/2015





Sycamore-Peñasquitos 230-kV Transmission Line Project


Figure A-1: Proposed Project Detail (Map 26 of 45)

Legend





Proposed

-  230-kV Steel Cable Pole (Dead)
-  Splice Vault


Existing Structures (To

-  230-kV Steel Lattice Tower







Transmission

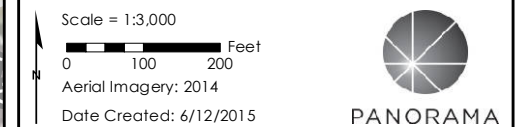
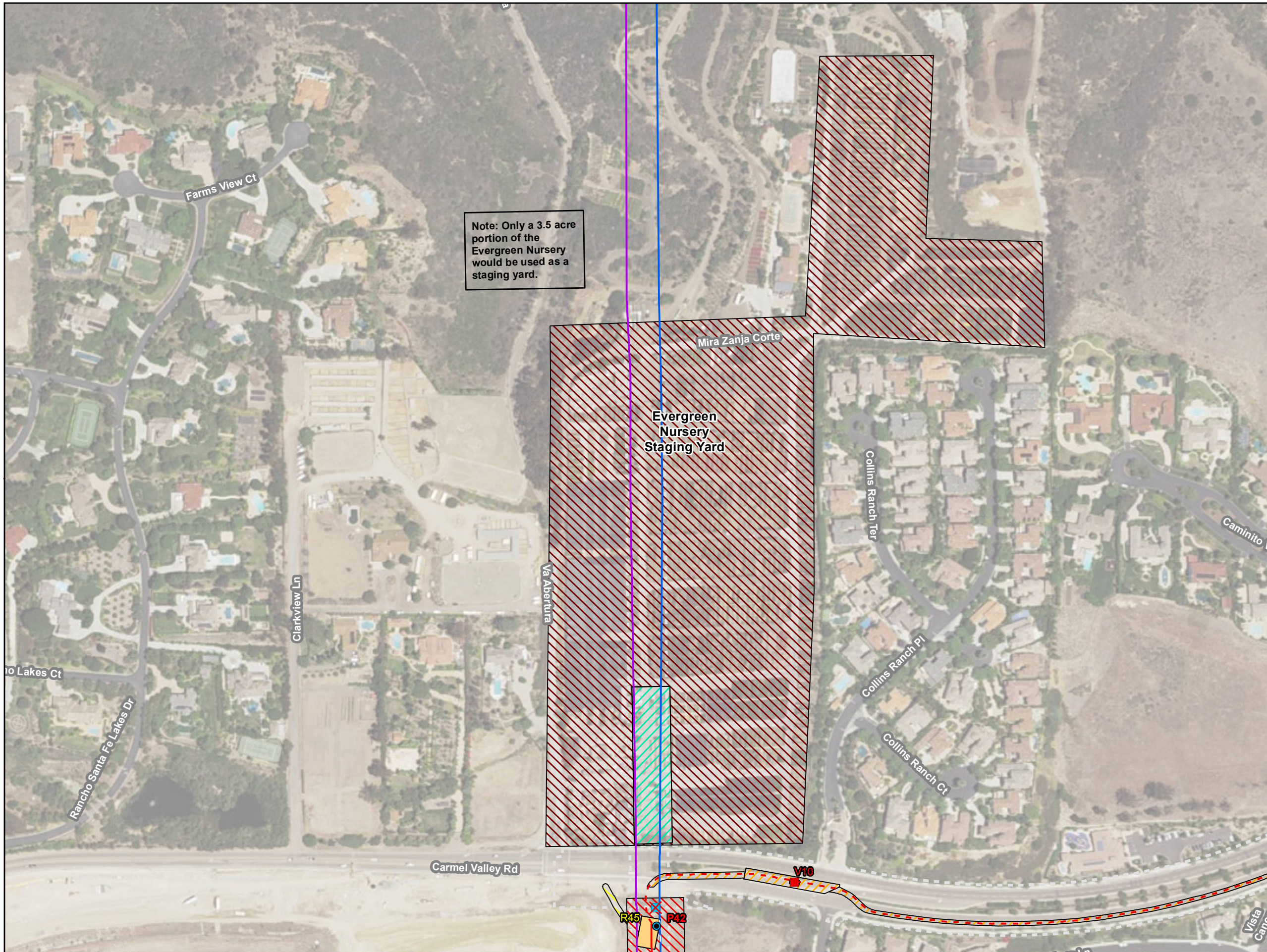
-  230-kV (Proposed Overhead)
-  230-kV (Proposed)
-  230-kV (Existing Overhead)
-  230-kV (Relocated Overhead)

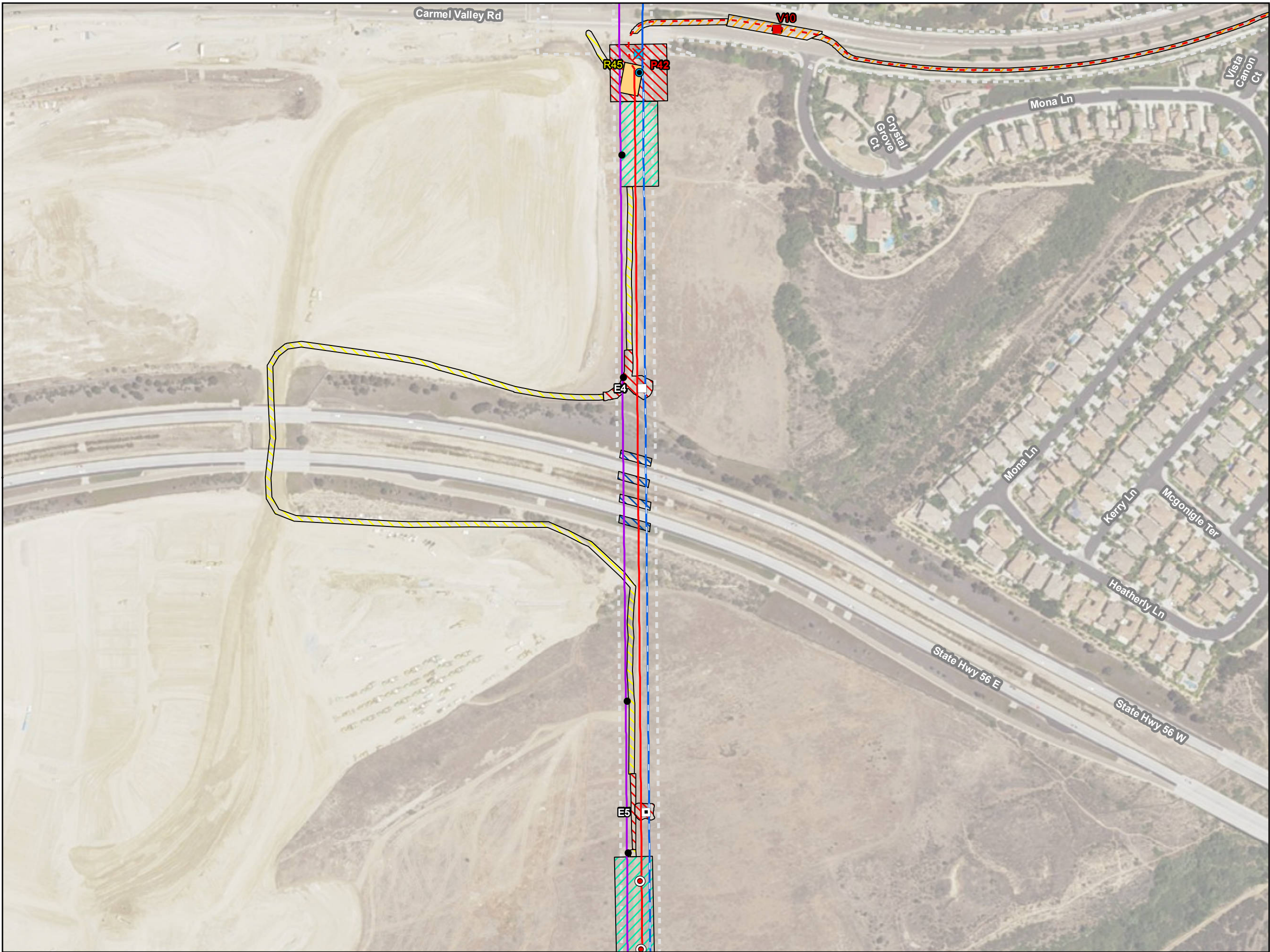
Power Lines

-  138-kV (Existing Overhead)

Work Areas

-  Structure Pad
-  Structure Installation/Removal
-  Stringing Site
-  Underground Construction
-  Access
-  Staging Yard
-  SDG&E Right-of-Way





Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail (Map 27 of 45)

Legend

Proposed

- 230-kV Steel Cable Pole (Dead End)
- Preliminary Aviation Marker Balls
- Splice Vault

Existing Structures (To)

- 230-kV Steel Lattice Tower (Tangent)
- 230-kV Steel Lattice Tower (Dead End)
- (Structure Not Part of Project)

Existing Structures (To)

- ⊗ 230-kV Steel Lattice Tower

Transmission

- 230-kV (Proposed Overhead)
- - 230-kV (Proposed Underground)
- 230-kV (Existing Overhead)
- 230-kV (Relocated Overhead)

Power Lines

- 138-kV (Existing Overhead)

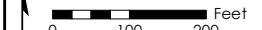
Work Areas

- Structure Pad
- ▨ Structure Installation/Removal
- ▨ Stringing Site
- ▨ Guard Structure
- ▨ Underground Construction
- ▨ Access
- ▨ SDG&E Right-of-Way

Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



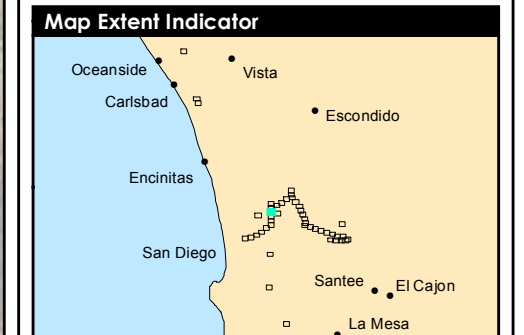
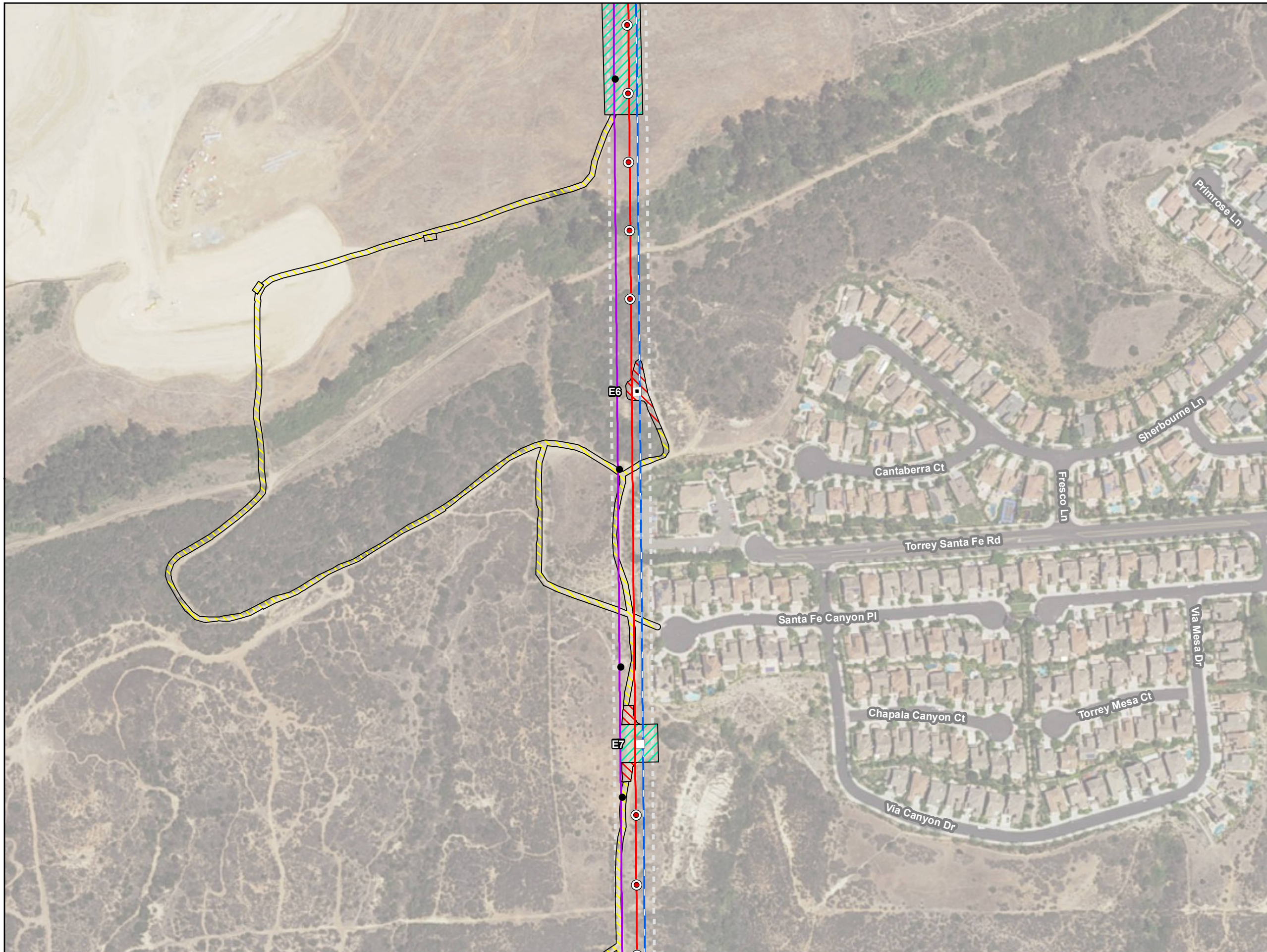
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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 28 of 45)

Legend

- Preliminary Aviation Marker Balls
- Existing Structures (To Remain)**
- ▣ 230-kV Steel Lattice Tower (Tangent)
- 230-kV Steel Lattice Tower (Dead End)
- (Structure Not Part of Project)
- Transmission Lines**
- 230-kV (Proposed Overhead)
- 230-kV (Relocated Overhead)
- Power Lines**
- 138-kV (Existing Overhead)
- Work Areas**
- ▨ Structure Installation/Removal
- ▨ Stringing Site
- ▨ Access
- ▨ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

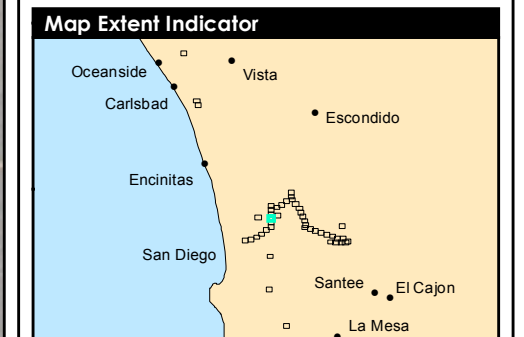


Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 29 of 45)

Legend

- Preliminary Aviation Marker Balls
- Existing Structures (To Remain)**
 - 230-kV Steel Lattice Tower (Tangent)
 - (Structure Not Part of Project)
- Transmission Lines**
 - 230-kV (Proposed Overhead)
 - 230-kV (Relocated Overhead)
- Power Lines**
 - 138-kV (Existing Overhead)
- Work Areas**
 - ▨ Structure Installation/Removal
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
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Aerial Imagery: 2014
Date Created: 6/12/2015

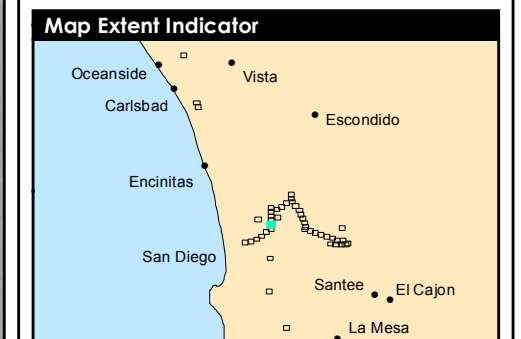
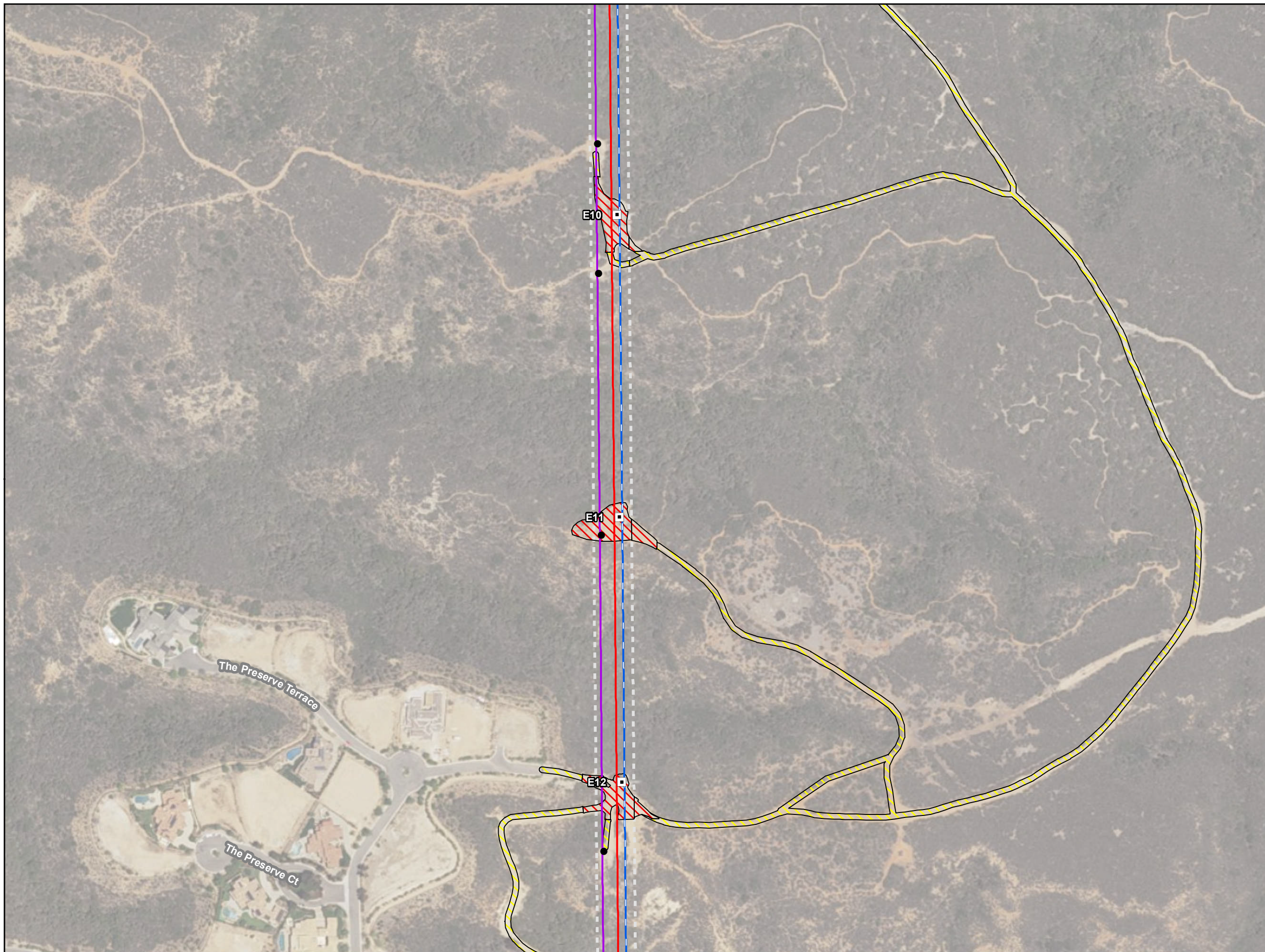


Sycamore-Peñasquitos 230-kV Transmission Line Project

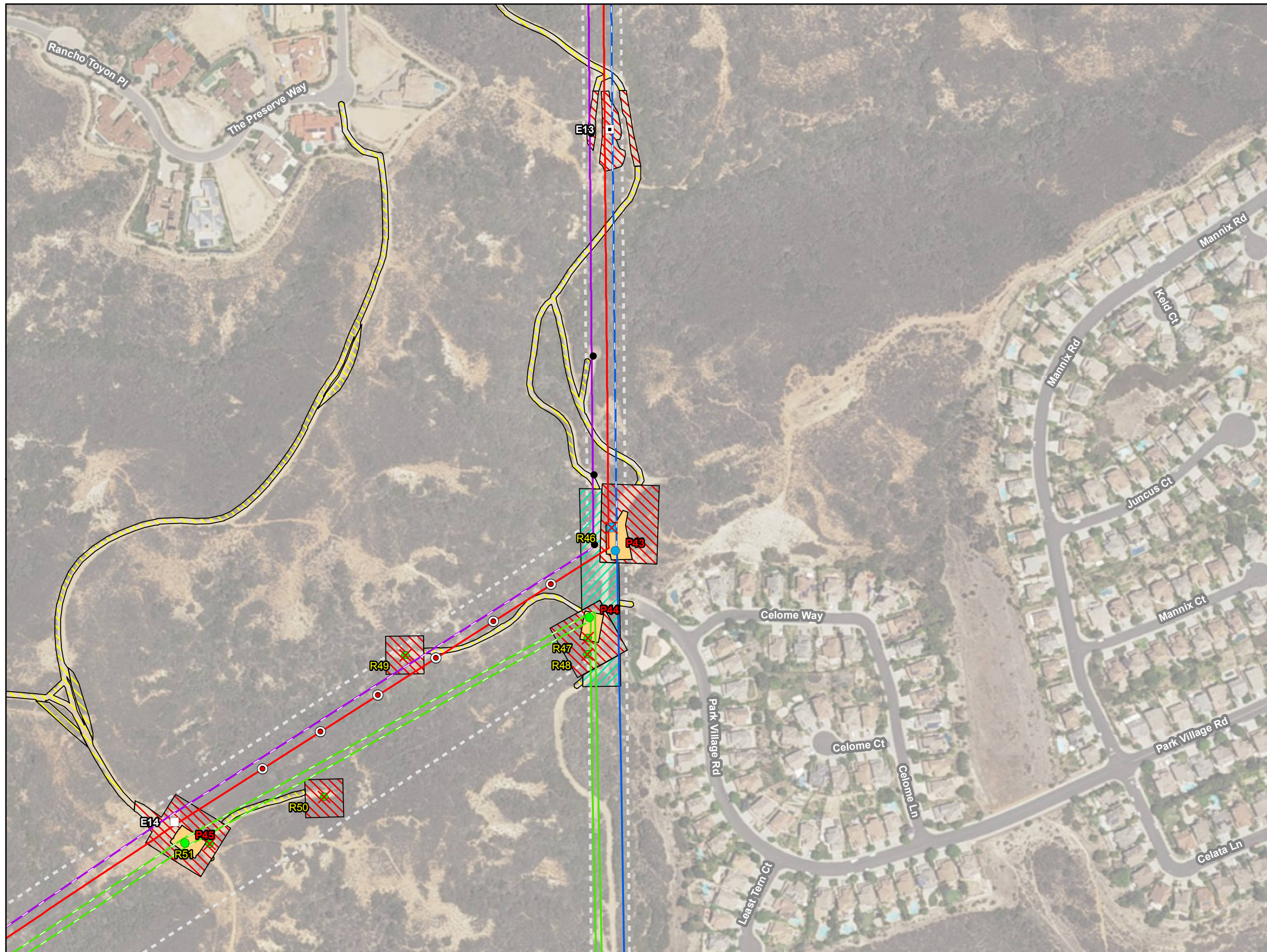
Figure A-1: Proposed Project Detail
(Map 30 of 45)

Legend

- Existing Structures (To)**
 - 230-kV Steel Lattice Tower (Tangent)
 - (Structure Not Part of Project)
- Transmission**
 - 230-kV (Proposed Overhead)
 - 230-kV (Relocated Overhead)
- Power Lines**
 - 138-kV (Existing Overhead)
- Work Areas**
 - ▨ Structure Installation/Removal
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000
0 100 200 Feet
Aerial Imagery: 2014
Date Created: 6/12/2015



Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 31 of 45)

- Legend**
- Proposed**
- 230-kV Tubular Steel Pole (Dead)
 - 69-kV Tubular Steel Pole (Dead)
 - Preliminary Aviation Marker
- Existing Structures (To)**
- 230-kV Steel Lattice Tower
 - 230-kV Steel Lattice Tower (Dead)
 - (Structure Not Part of Project)
- Existing Structures (To)**
- ⊗ 230-kV Steel Lattice Tower
 - ⊗ 69-kV Wood Monopole
- Transmission**
- 230-kV (Proposed Overhead)
 - 230-kV (Existing Overhead)
 - 230-kV (Relocated Overhead)
- Power Lines**
- 138-kV (Existing Overhead)
 - 138-kV (Relocated Overhead)
 - 69-kV (Existing Overhead)
 - 69-kV (Relocated Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000

0 100 200 Feet

Aerial Imagery: 2014

Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 32 of 45)

Legend

- Proposed Structures**
- 69-kV Tubular Steel Pole (Tangent)
 - 69-kV Tubular Steel Pole (Dead End)
 - Preliminary Aviation Marker Balls
 - Retaining Wall
- Existing Structures (To)**
- 230-kV Steel Lattice Tower (Tangent)
 - 230-kV Steel Lattice Tower (Dead End)
- Existing Structures (To)**
- ✗ 69-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Relocated Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - Access
 - ▨ SDG&E Right-of-Way



Scale = 1:3,000

0 100 200 Feet

Aerial Imagery: 2014

Date Created: 6/12/2015

Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 33 of 45)

Legend

Proposed Structures

● 69-kV Tubular Steel Pole (Tangent)

— Retaining Wall

Existing Structures (To

□ 230-kV Steel Lattice Tower (Tangent)

Existing Structures (To

✕ 69-kV Wood H-Frame

Transmission Lines

— 230-kV (Proposed Overhead)

— 138-kV (Relocated Overhead)

— 69-kV (Relocated Overhead)

— 69-kV (Relocated Overhead)

Work Areas

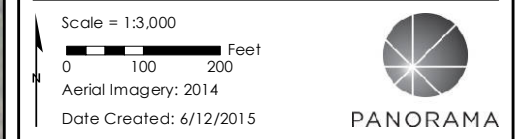
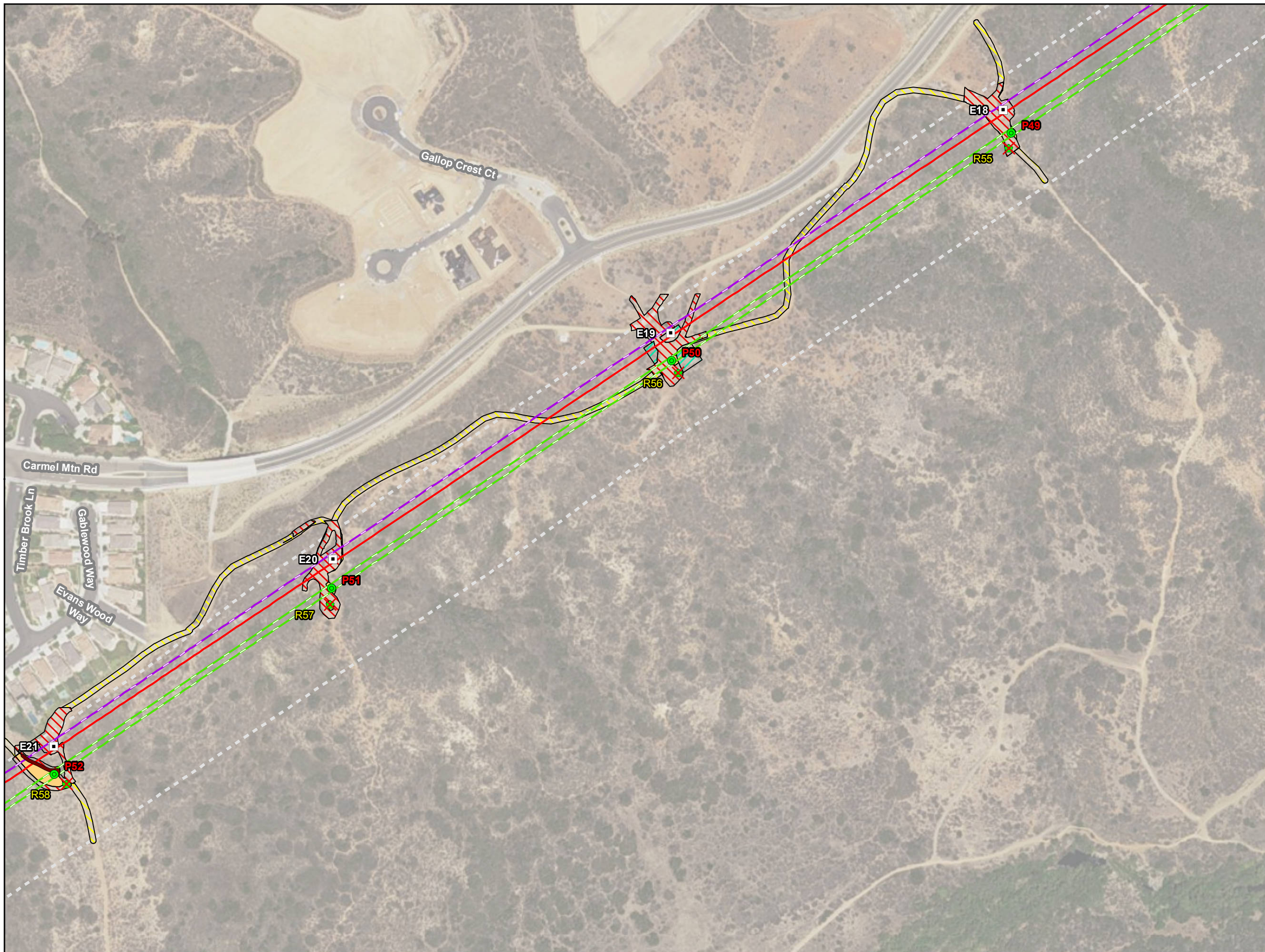
■ Structure Pad

▨ Structure Installation/Removal

▨ Stringing Site

▨ Access

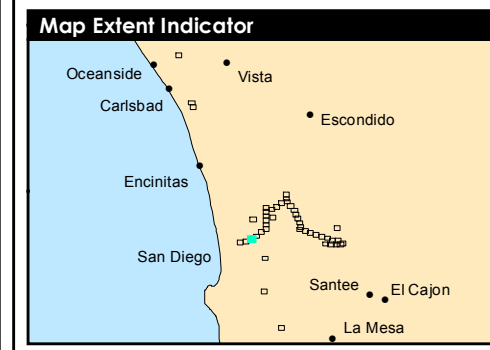
▨ SDG&E Right-of-Way





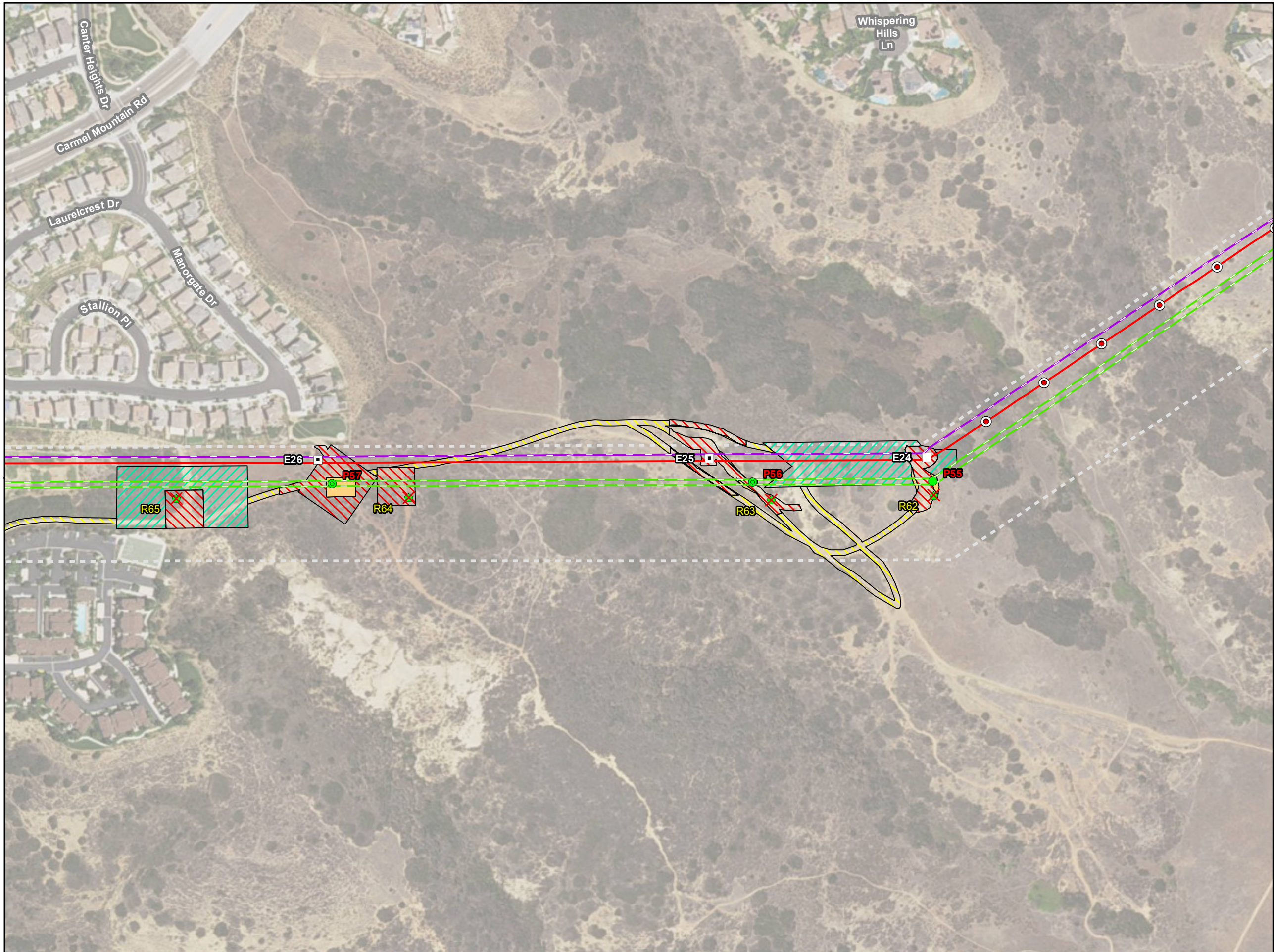
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 34 of 45)

- Legend**
- Proposed Structures**
 - 69-kV Tubular Steel Pole (Tangent)
 - Preliminary Aviation Marker Balls
 - Retaining Wall
 - Existing Structures (To Remain)**
 - 230-kV Steel Lattice Tower (Tangent)
 - Existing Structures (To Remove)**
 - ✕ 69-kV Wood H-Frame
 - Transmission Lines**
 - 230-kV (Proposed Overhead)
 - Power Lines**
 - 138-kV (Relocated Overhead)
 - 69-kV (Relocated Overhead)
 - Work Areas**
 - Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Access
 - ▨ SDG&E Right-of-Way



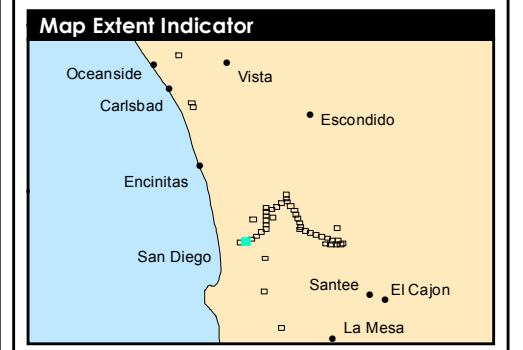
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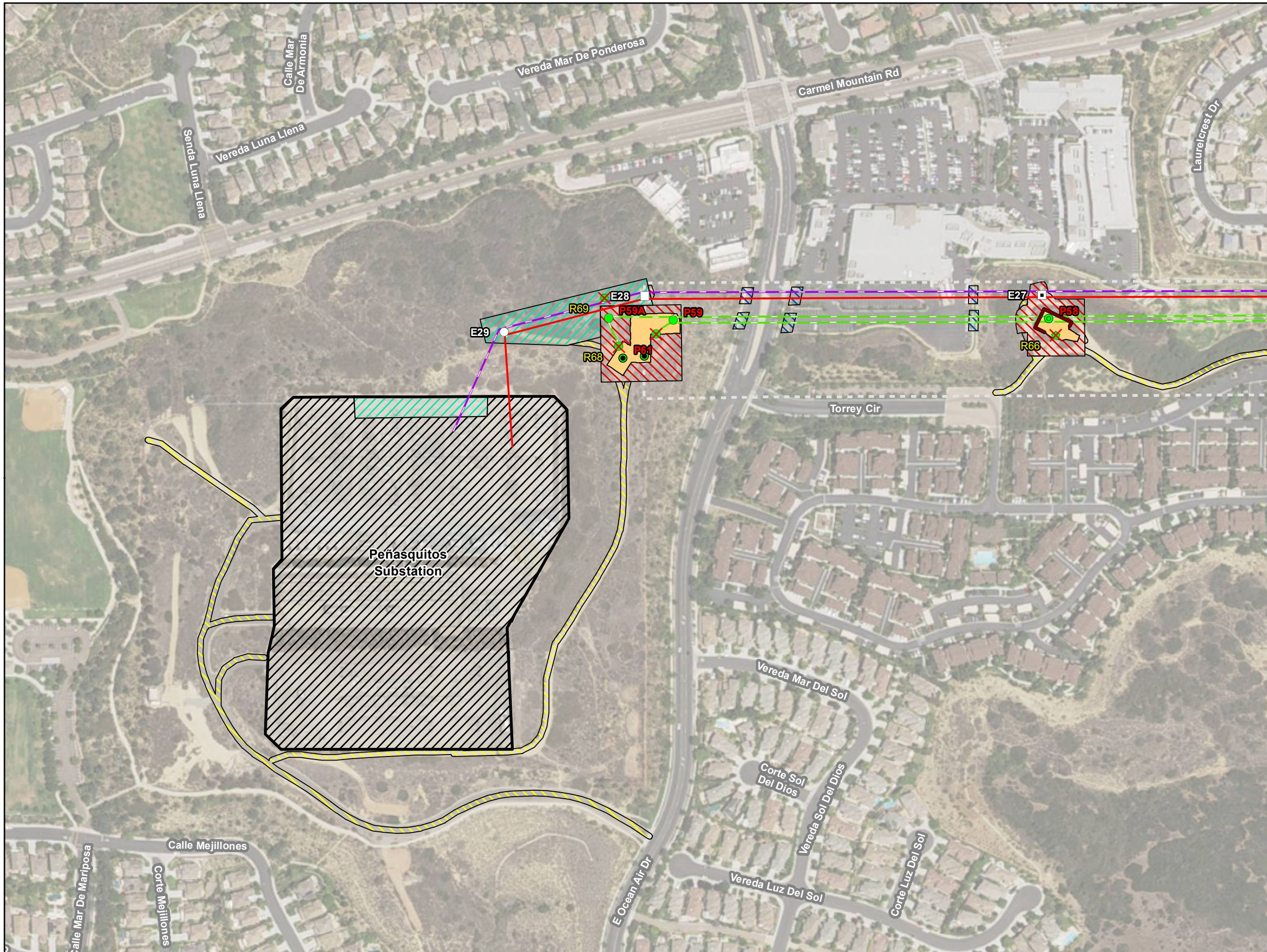
Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 35 of 45)

- Legend**
- Proposed Structures**
- 69-kV Tubular Steel Pole (Tangent)
 - 69-kV Tubular Steel Pole (Dead End)
 - Preliminary Aviation Marker Balls
- Existing Structures (To Remain)**
- 230-kV Steel Lattice Tower (Tangent)
 - 230-kV Steel Lattice Tower (Dead End)
- Existing Structures (To Remove)**
- ✖ 69-kV Wood H-Frame
- Transmission Lines**
- 230-kV (Proposed Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Relocated Overhead)
- Work Areas**
- Structure Pad
 - ▨ Structure Installation/Removal
 - ▨ Stringing Site
 - ▨ Access
 - ▨ SDG&E Right-of-Way



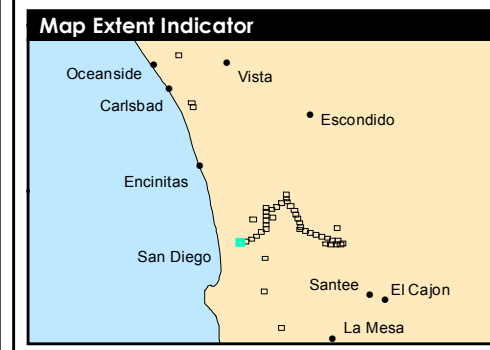
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 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail (Map 36 of 45)

- Legend**
- Proposed Structures**
- 69-kV Steel Cable Pole (Dead End)
 - 69-kV Tubular Steel Pole (Tangent)
 - 69-kV Tubular Steel Pole (Dead End)
 - Retaining Wall
- Existing Structures (To)**
- 230-kV Steel Lattice Tower (Tangent)
 - 230-kV Steel Lattice Tower (Dead End)
 - 230-kV Tubular Steel Pole (Dead End)
- Existing Structures (To)**
- ✗ 69-kV Wood Cable Pole
 - ✗ 69-kV Wood H-Frame
 - ✗ 69-kV Wood Monopole
- Transmission Lines**
- 230-kV (Proposed Overhead)
- Power Lines**
- 138-kV (Relocated Overhead)
 - 69-kV (Relocated Overhead)
- Substation**
- ▭ Structure Pad
 - ▨ Structure Installation/Removal
 - ▧ Stringing Site
 - ▩ Guard Structure
 - ▧ Access
 - ▨ Substation Storage
 - ▧ SDG&E Right-of-Way



Scale = 1:3,000
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 Aerial Imagery: 2014
 Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 37 of 45)

Legend

- Existing Structures (To)**
- 230-kV Steel Lattice Tower (Tangent)
 - 230-kV Steel Lattice Tower (Dead End)
 - 230-kV Tubular Steel Pole (Dead End)

Work Areas

-  Encina Hub Reconfiguration
-  Guard Structure
-  Access
-  Laydown



Scale = 1:3,000
 0 100 200 Feet
 Aerial Imagery: 2014
 Date Created: 6/12/2015





Sycamore-Peñasquitos 230-kV Transmission Line Project
 Figure A-1: Proposed Project Detail
 (Map 38 of 45)

- Legend**
- Existing Structures (To**
- 230-kV Steel Lattice Tower (Dead End)
- Work Areas**
- ▨ Encina Hub Reconfiguration
 - ▨ Access



Scale = 1:3,000

0 100 200 Feet

Aerial Imagery: 2014

Date Created: 6/12/2015

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Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 39 of 45)

Legend

- Existing Structures (To)**
- 230-kV Steel Lattice Tower (Dead End)
 - ◇ 230-kV Wood H-Frame (Dead End)
- Work Areas**
- ▨ Phase Transposition
 - ▨ Access
 - ▨ Laydown



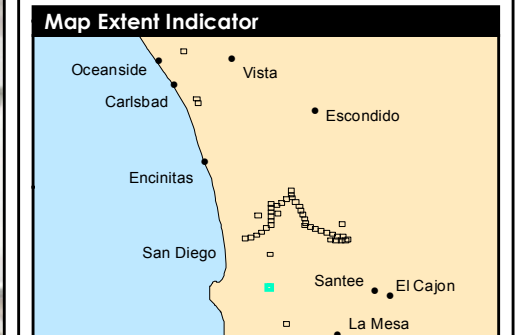
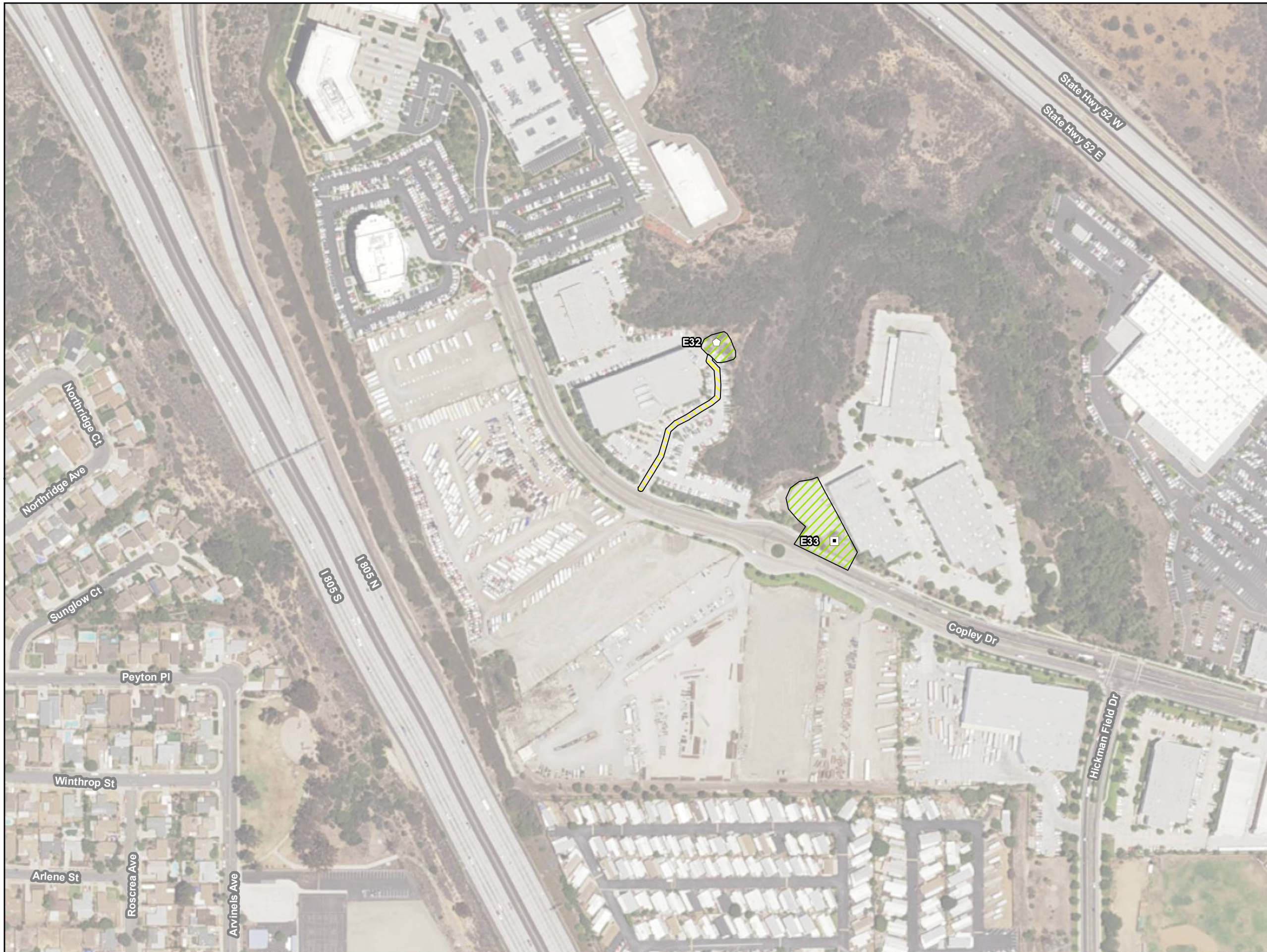
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Aerial Imagery: 2014
Date Created: 6/12/2015

Sycamore-Peñasquitos 230-kV Transmission Line Project

Figure A-1: Proposed Project Detail
(Map 40 of 45)

Legend

- Existing Structures (To)**
- ▣ 230-kV Steel Lattice Tower (Tangent)
 - ◊ 230-kV Wood H-Frame (Dead End)
- Work Areas**
- ▨ Phase Transposition
 - ▨ Access



Scale = 1:3,000
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 Date Created: 6/12/2015



**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

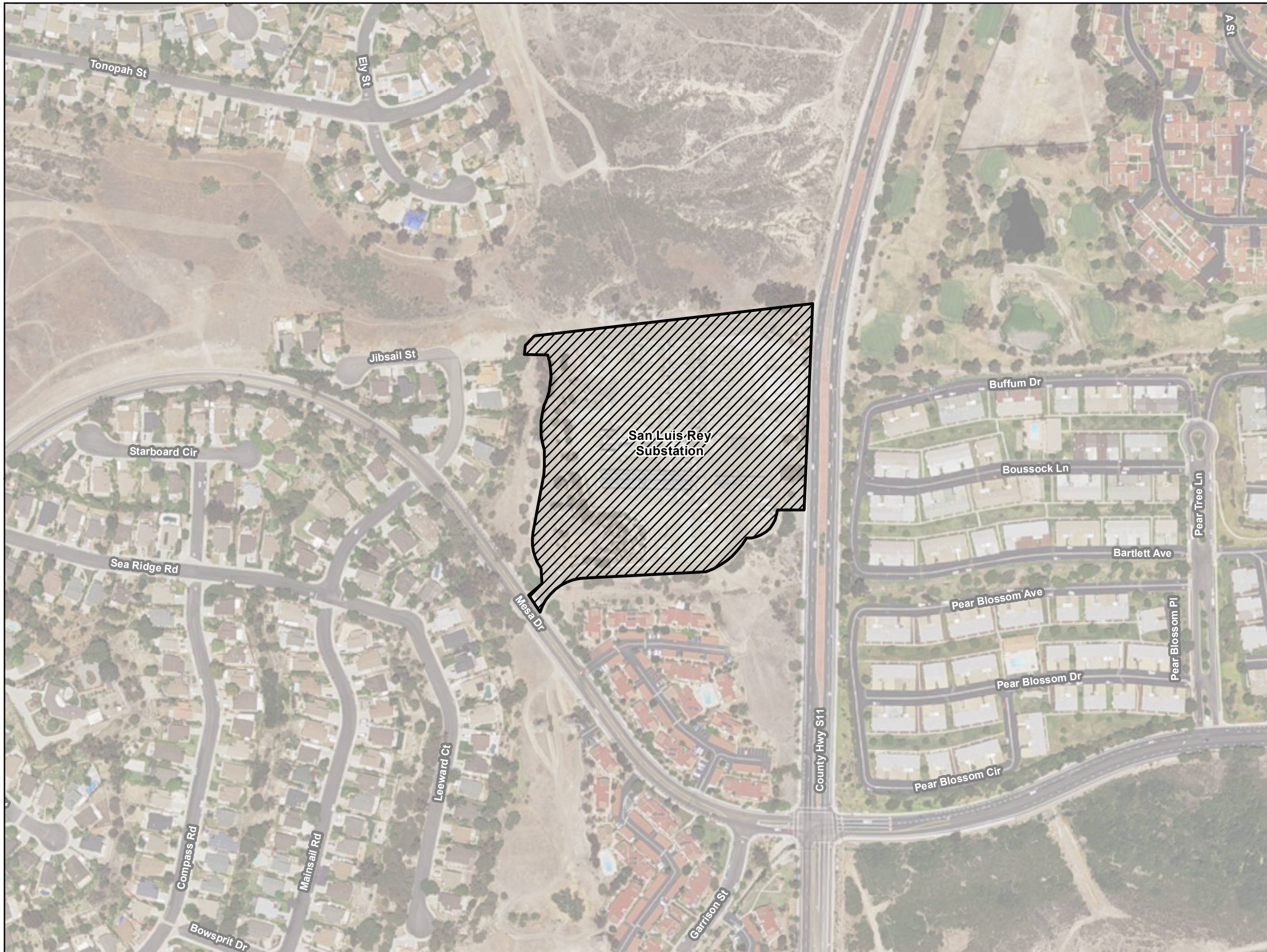
Figure A-1: Proposed Project Detail
(Map 41 of 45)

Legend

 Substation

Work Areas

 Substation Storage



Scale = 1:3,000
0 100 200 Feet
Aerial Imagery: 2014
Date Created: 6/12/2015



**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

Figure A-1: Proposed Project Detail
(Map 42 of 45)

Legend

Work Areas

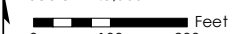
 Staging Yard



Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



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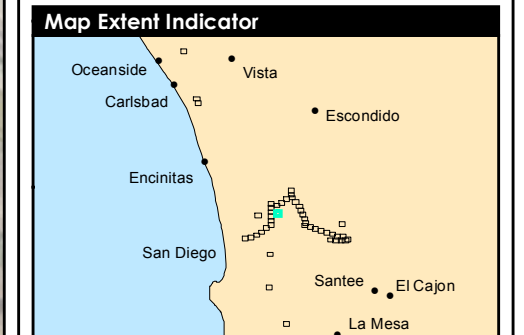
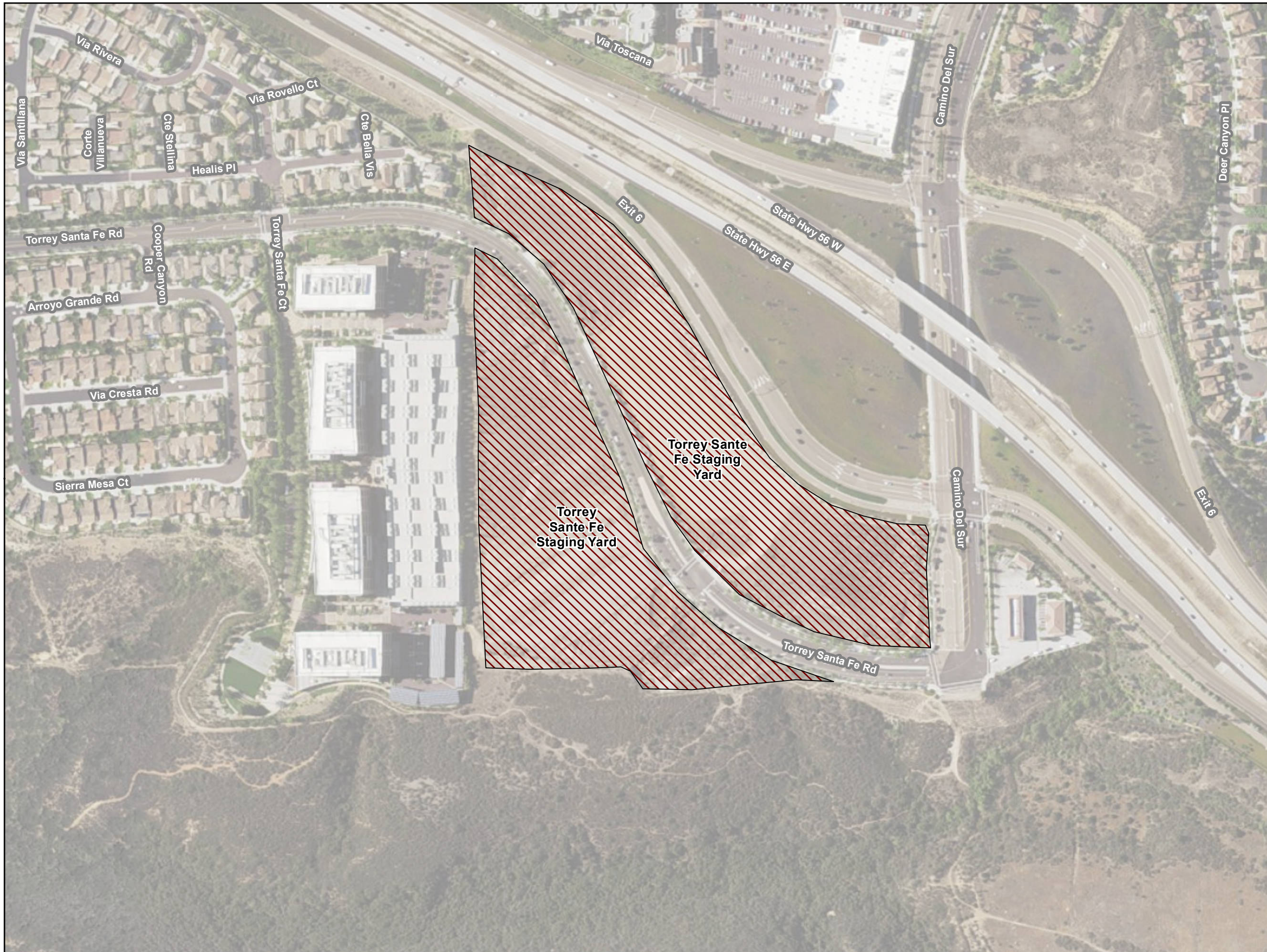
**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

Figure A-1: Proposed Project Detail
(Map 43 of 45)

Legend

Work Areas

 Staging Yard



Scale = 1:3,000
0 100 200 Feet
Aerial Imagery: 2014
Date Created: 6/12/2015



**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

Figure A-1: Proposed Project Detail
(Map 44 of 45)

Legend

Work Areas

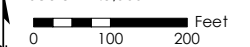
 Staging Yard



Map Extent Indicator



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Aerial Imagery: 2014

Date Created: 6/12/2015



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**Sycamore-Peñasquitos 230-kV
Transmission Line Project**

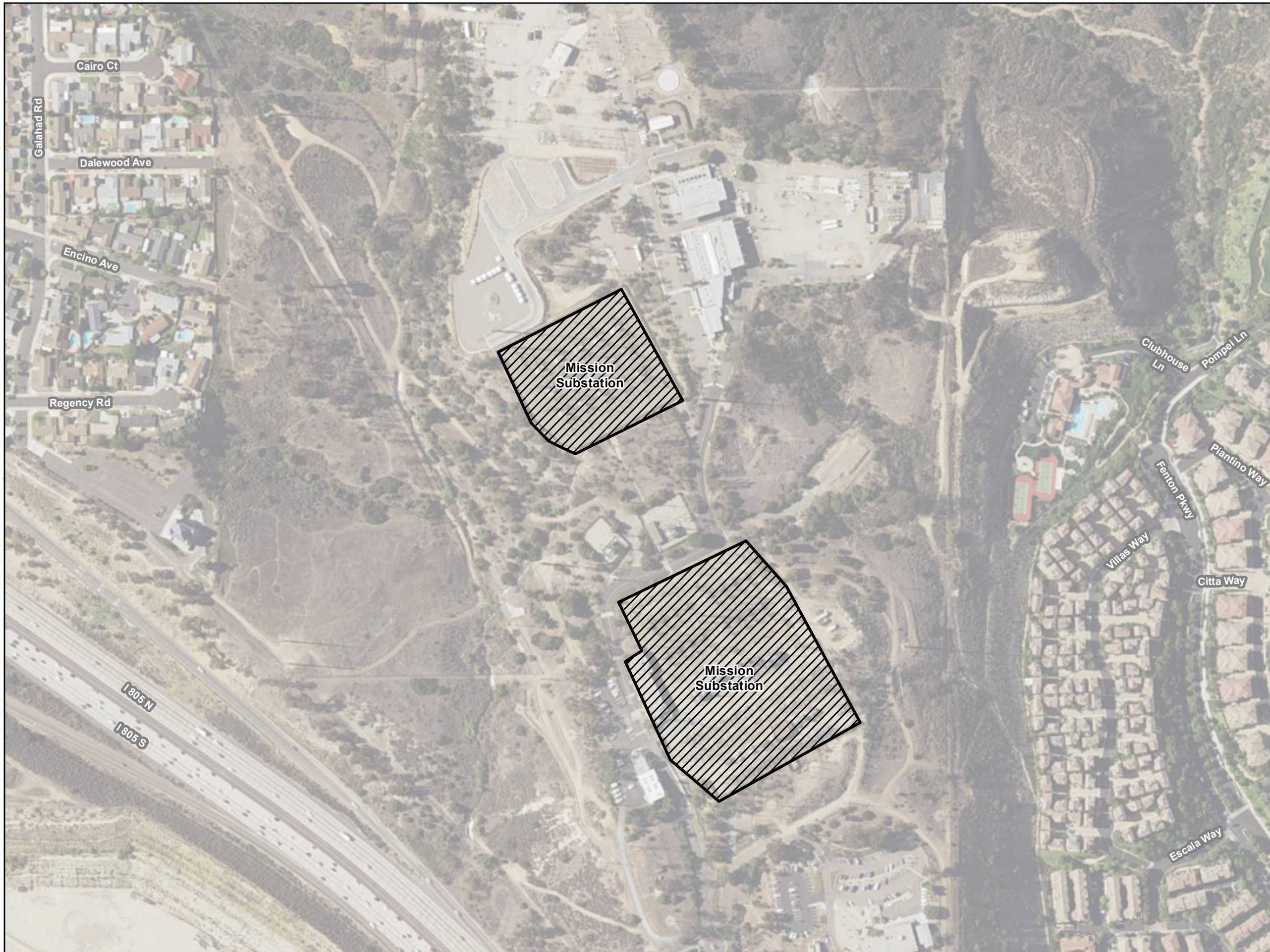
Figure A-1: Proposed Project Detail
(Map 45 of 45)

Legend

 Substation

Work Areas

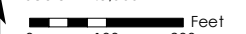
 Substation Storage



Map Extent Indicator



Scale = 1:3,000



Aerial Imagery: 2014

Date Created: 6/12/2015



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