




Sycamore to Peñasquitos 230 kV Transmission Line Project

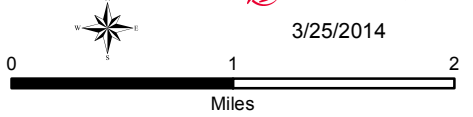
Detailed Route Index Map

Appendix 3-B

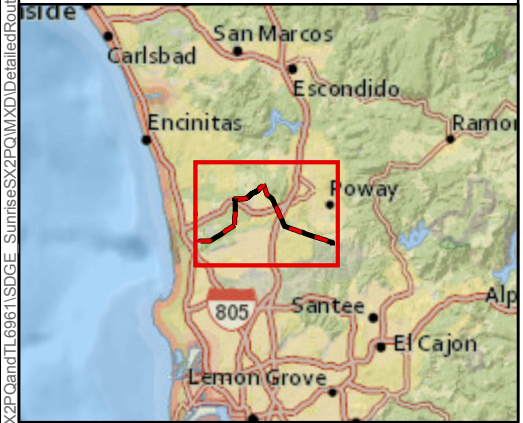
-  Proposed Route
-  Map Page Index



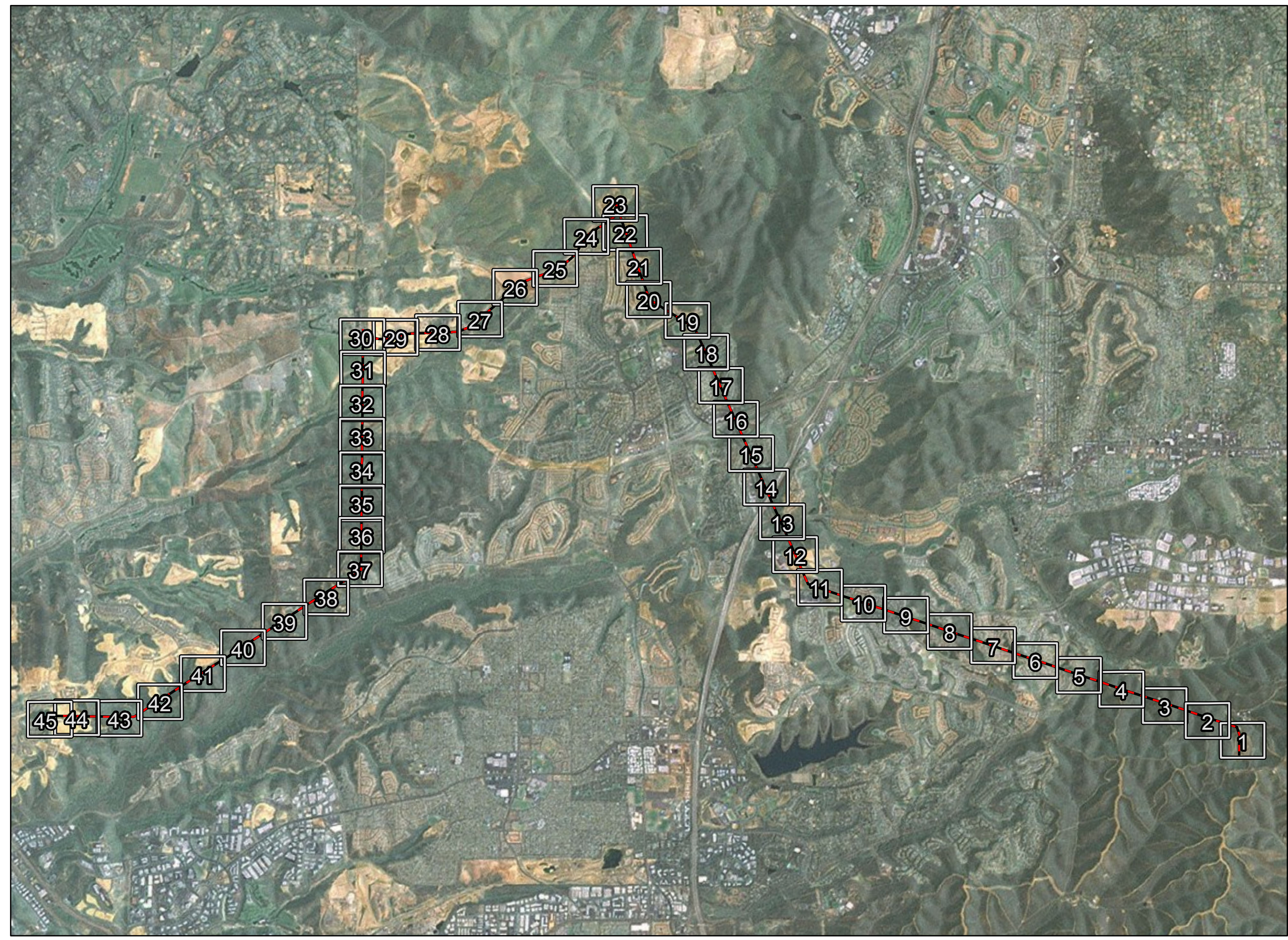
3/25/2014

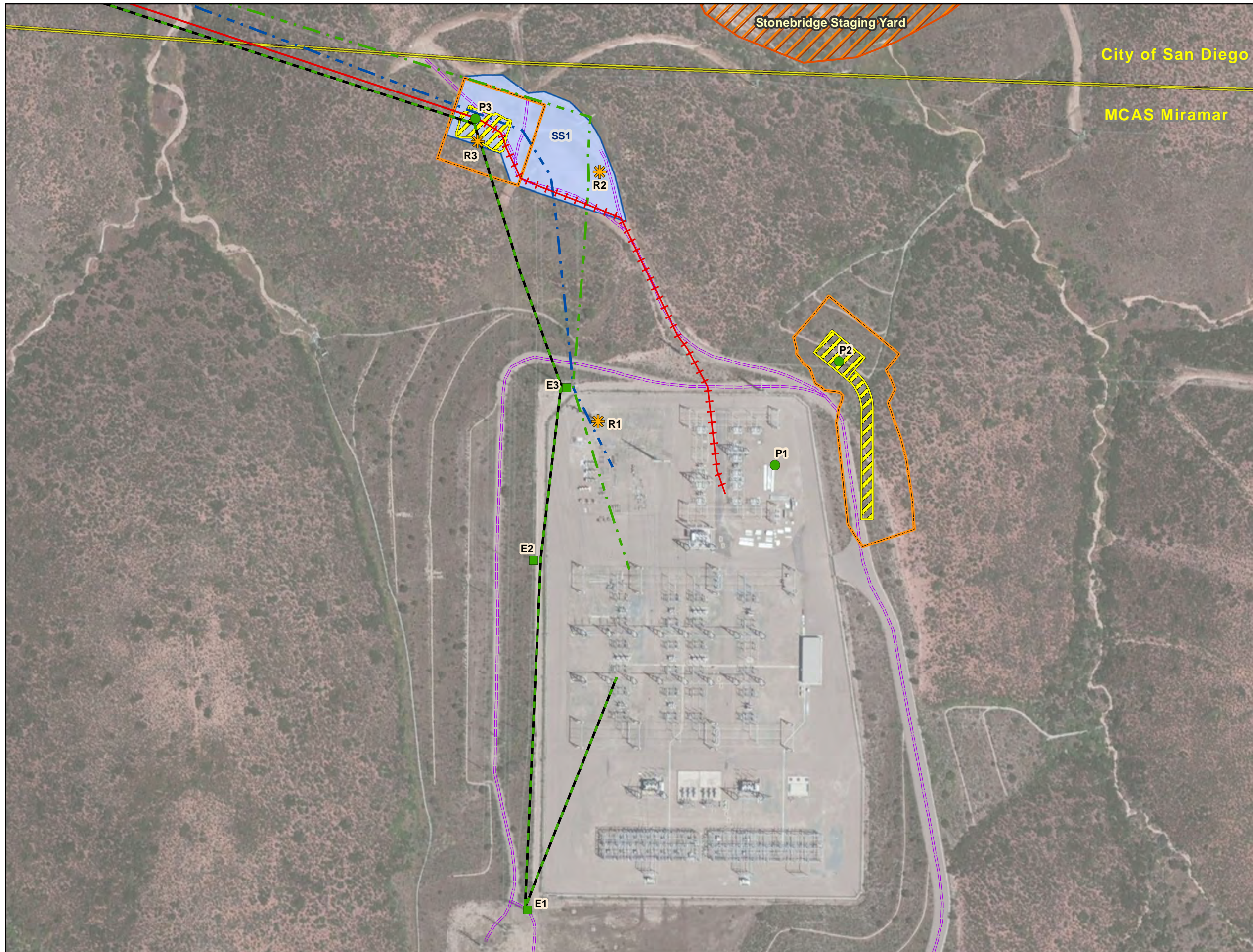


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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

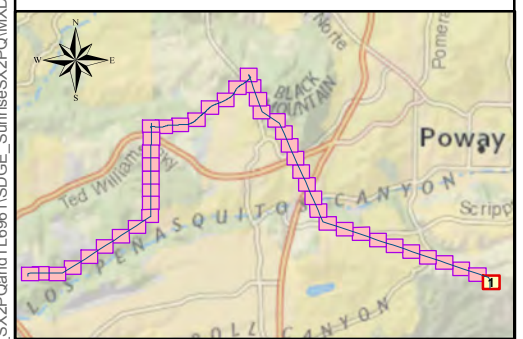
- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- - - SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▨ Guard Structure
 - ▨ Stringing Site * Not all access necessarily shown

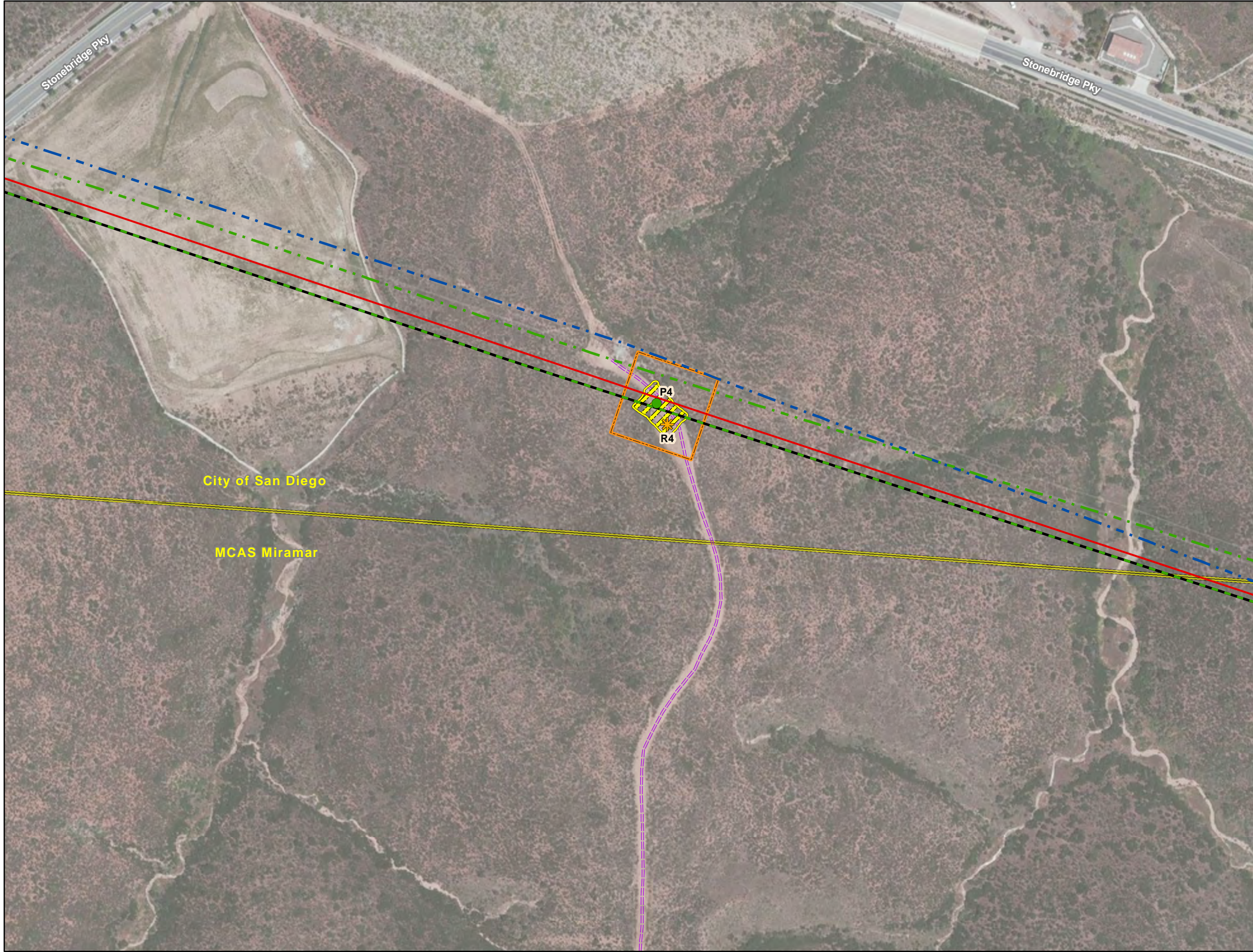
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

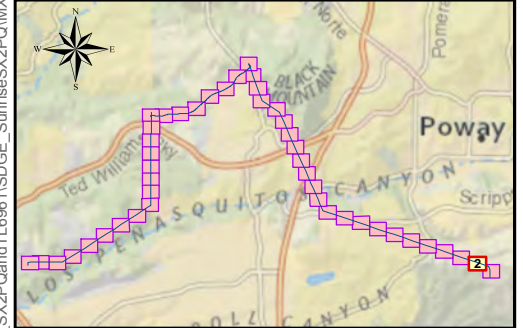
- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

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- Proposed 230 kV Cable Pole
- Proposed 230 kV Standard Pole
- Existing 230 kV Standard Pole
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- Proposed 69 kV Cable Pole
- Proposed 69 kV Standard Pole
- Structures to be Removed

Transmission Lines

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- Reconductor 138 kV
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- Reconductor 230 kV
- New 230 kV Underground
- Existing 69 kV
- Reconductor 69 kV

Project Features

- SDG&E Access Road
- Staging Yard

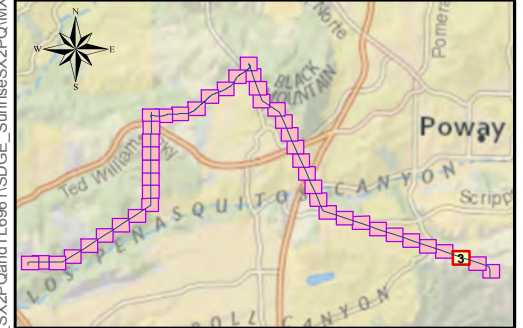
Work Areas

- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

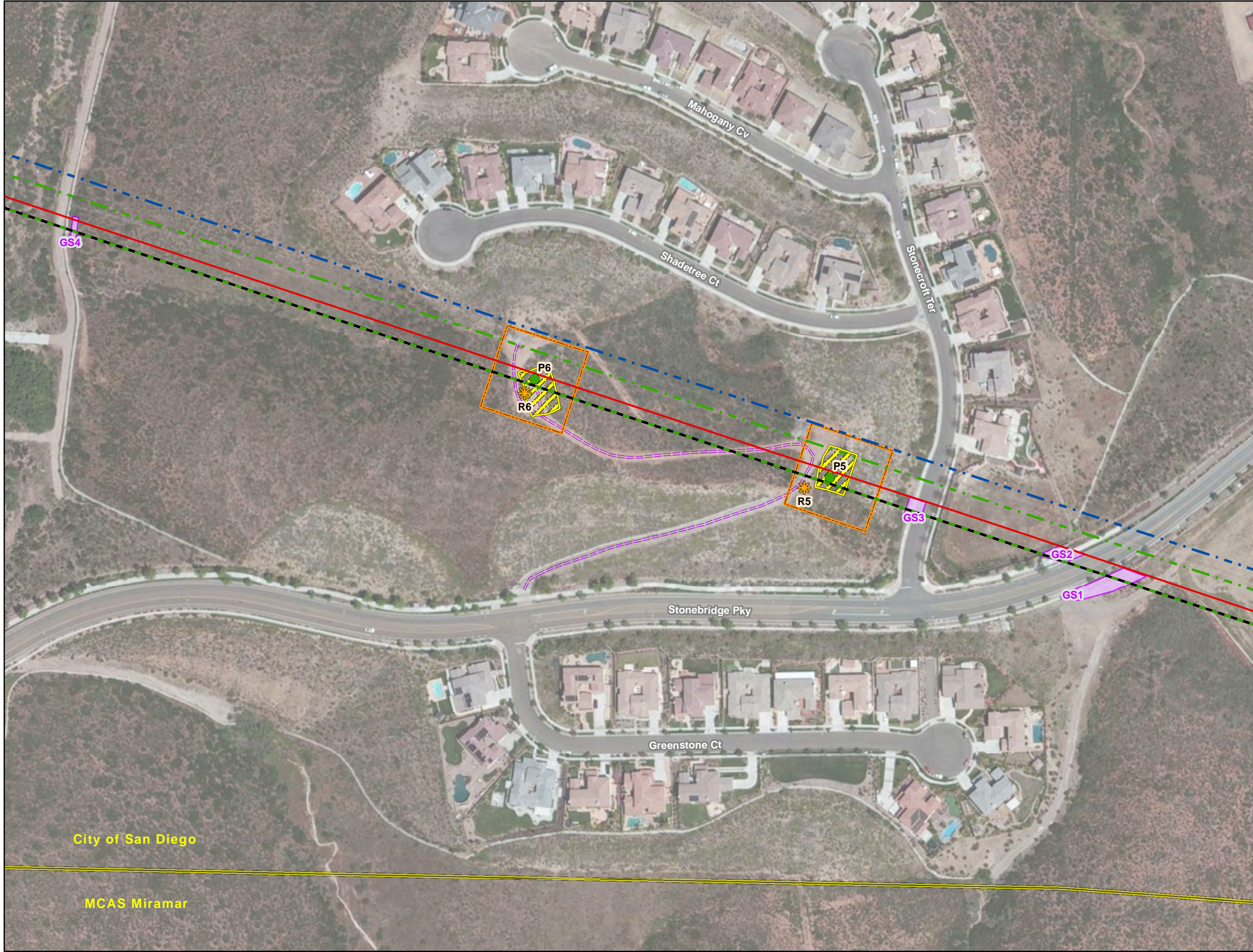
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0 90 180 270 Feet










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 Detailed Route Map
Appendix 3-B



Structures

-  Proposed 230 kV Cable Pole
-  Proposed 230 kV Standard Pole
-  Existing 230 kV Standard Pole
-  Proposed Underground 230 kV Vaults
-  Proposed 69 kV Cable Pole
-  Proposed 69 kV Standard Pole
-  Structures to be Removed





Transmission Lines

-  Existing 138 kV
-  Reconductor 138 kV
-  Reconductor 138 kV Underground
-  New 230 kV
-  Existing 230 kV
-  Reconductor 230 kV
-  New 230 kV Underground
-  Existing 69 kV
-  Reconductor 69 kV


Project Features


-  SDG&E Access Road
-  Staging Yard


Work Areas

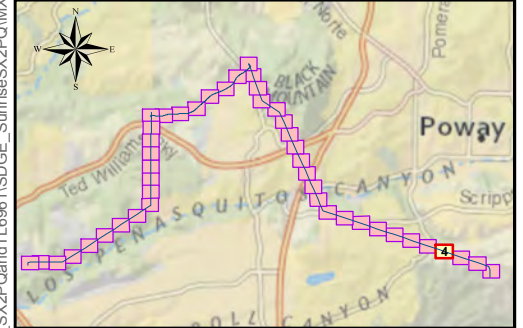
-  Permanent
 -  Temporary Work Areas
 -  Guard Structure
 -  Stringing Site
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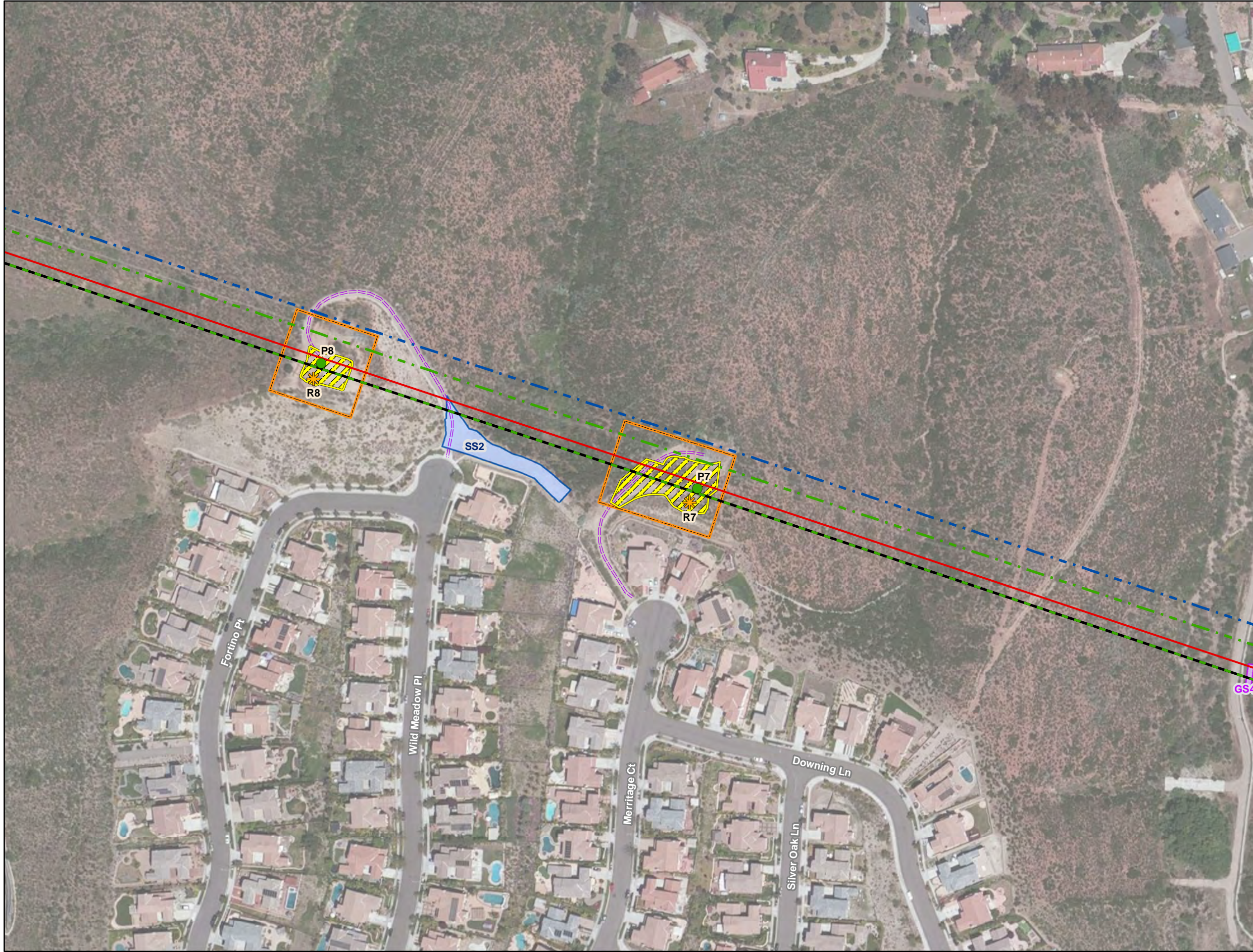

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 A Sempra Energy utility

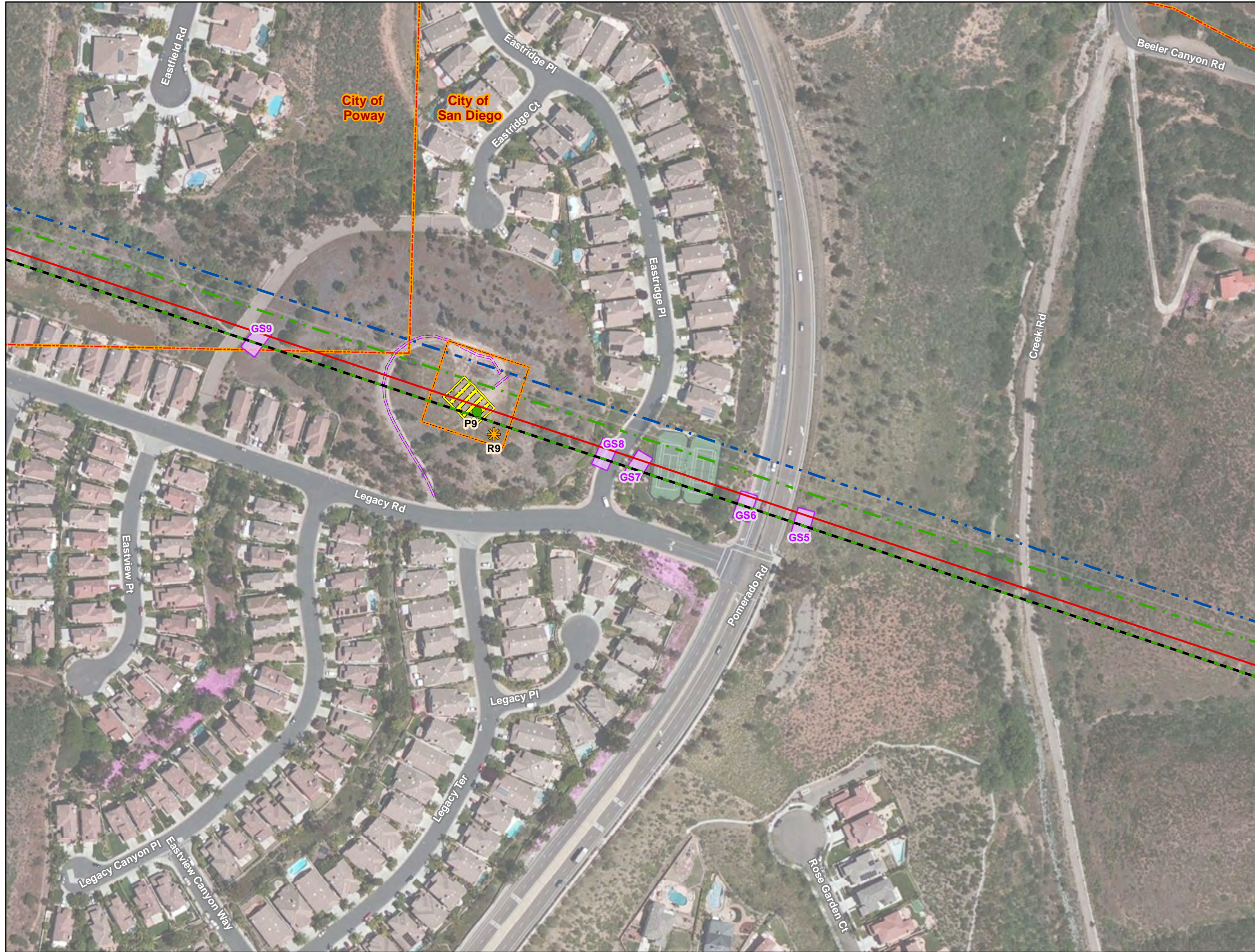




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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B



- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

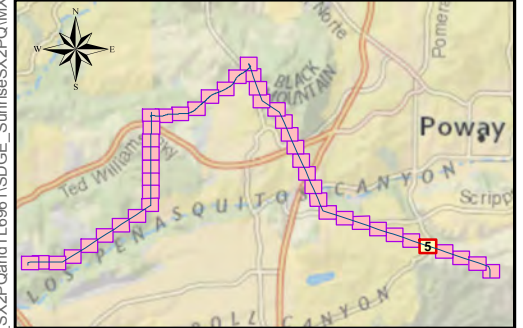
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 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
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 - ▭ Stringing Site
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 0 90 180 270 Feet



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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
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 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
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 - Reconductor 230 kV
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 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
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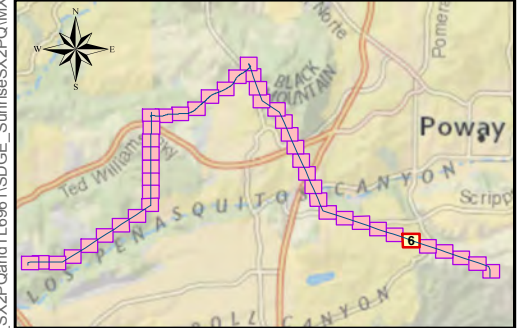


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 - +— New 230 kV Underground
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 - Reconductor 69 kV

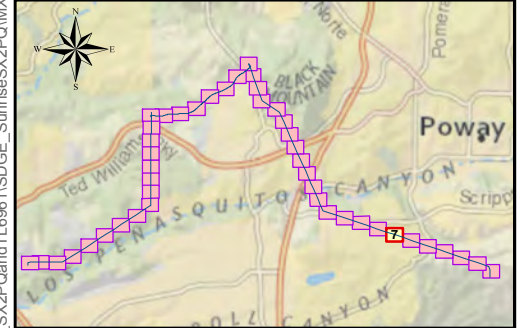
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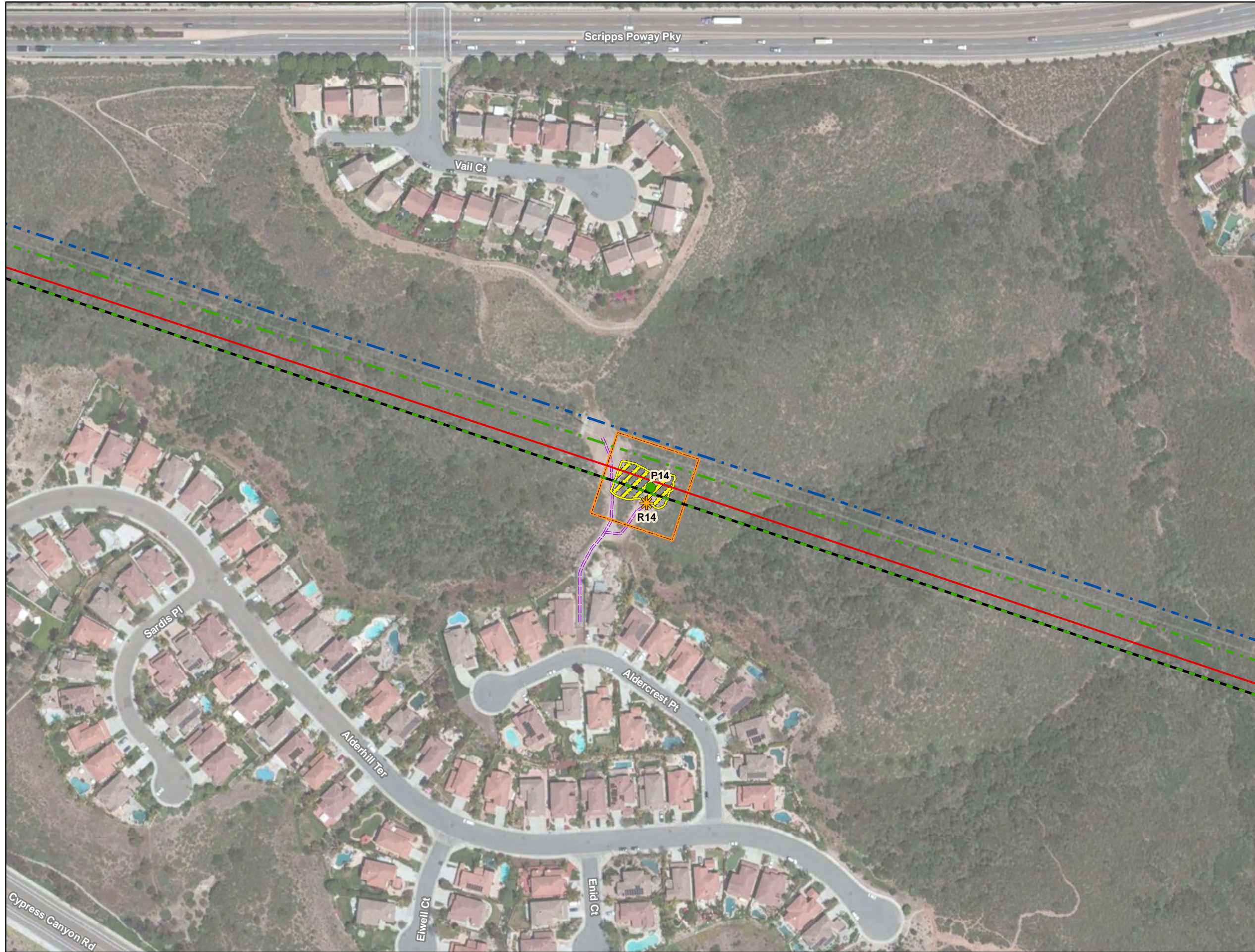



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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

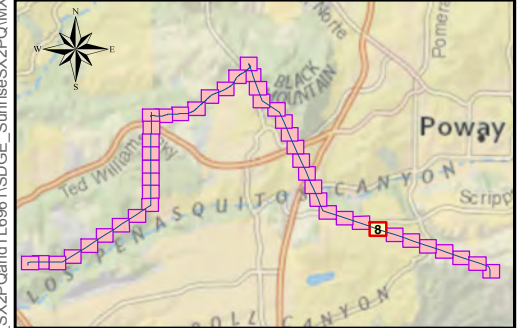
- Structures**
- ⊕ Proposed 230 kV Cable Pole
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- Transmission Lines**
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 - Reconductor 230 kV
 - +— New 230 kV Underground
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 - Reconductor 69 kV

- Project Features**
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Appendix 3-B



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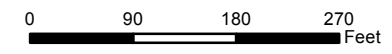
- Project Features**
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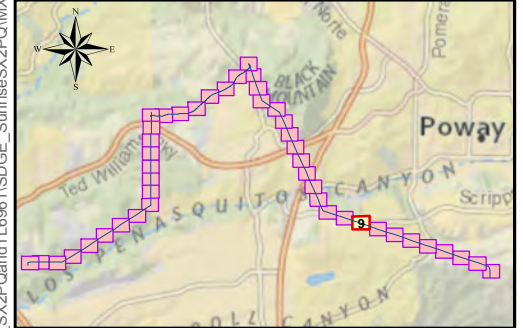
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

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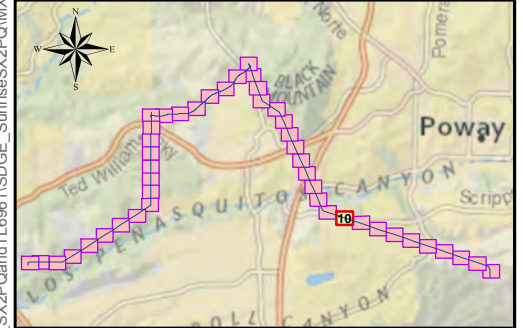
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Sycamore to Peñasquitos 230 kV Transmission Line Project
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Appendix 3-B

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Project Features

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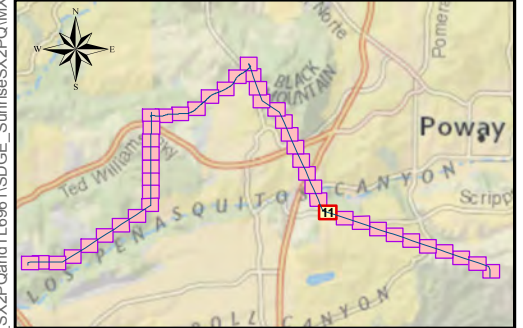
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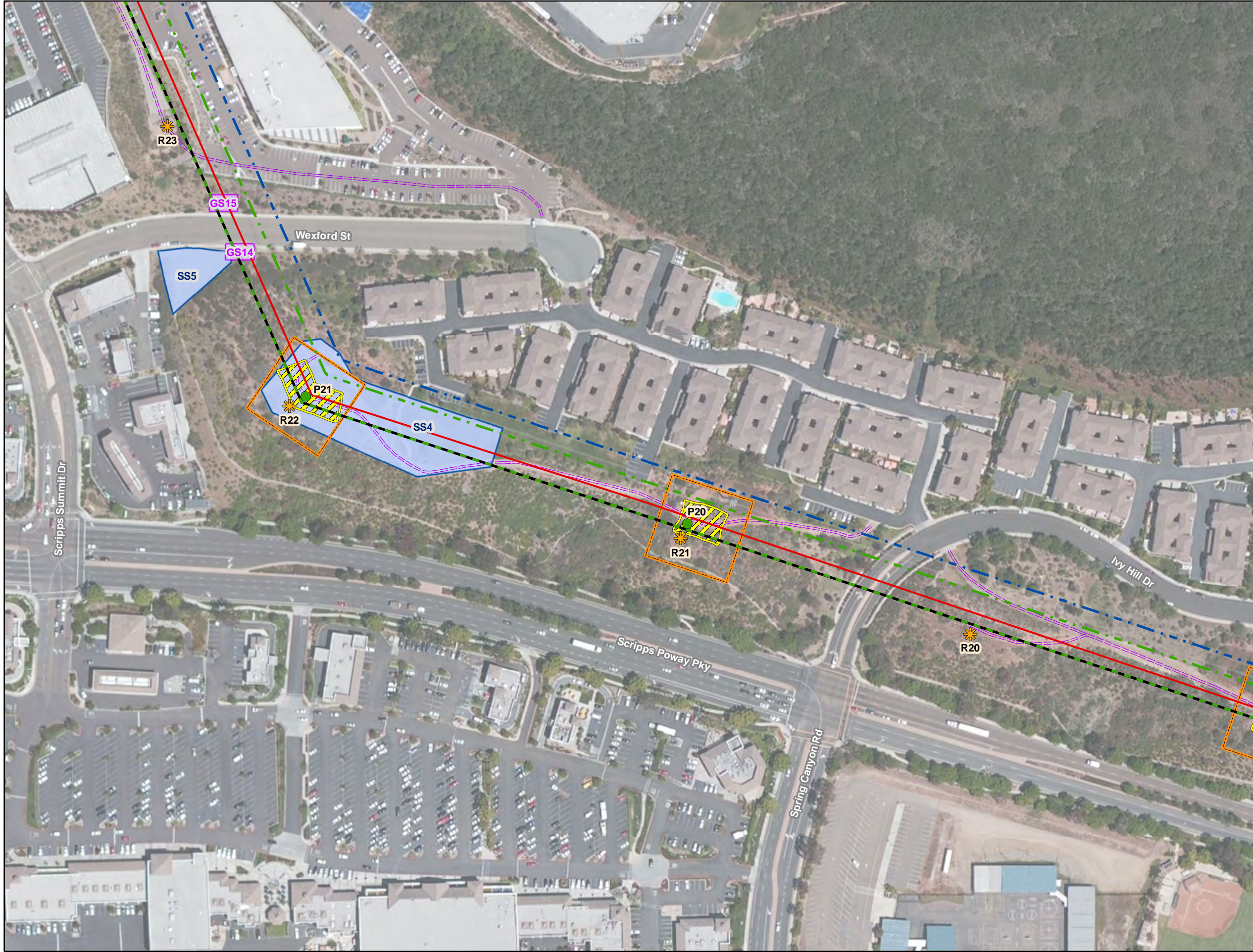
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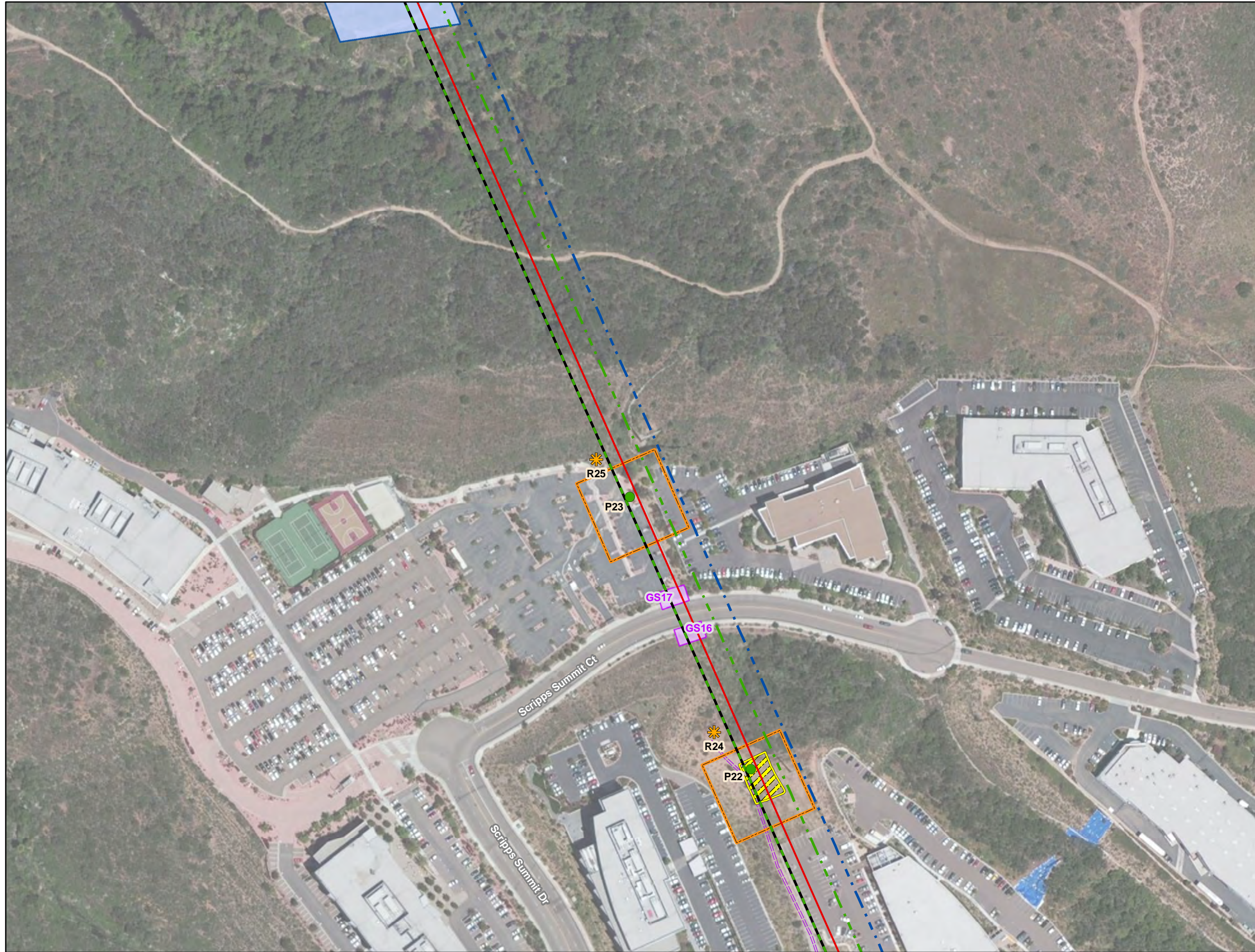
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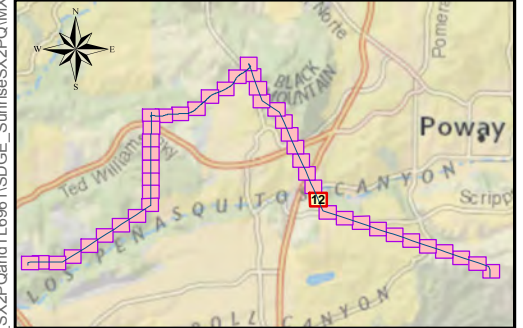
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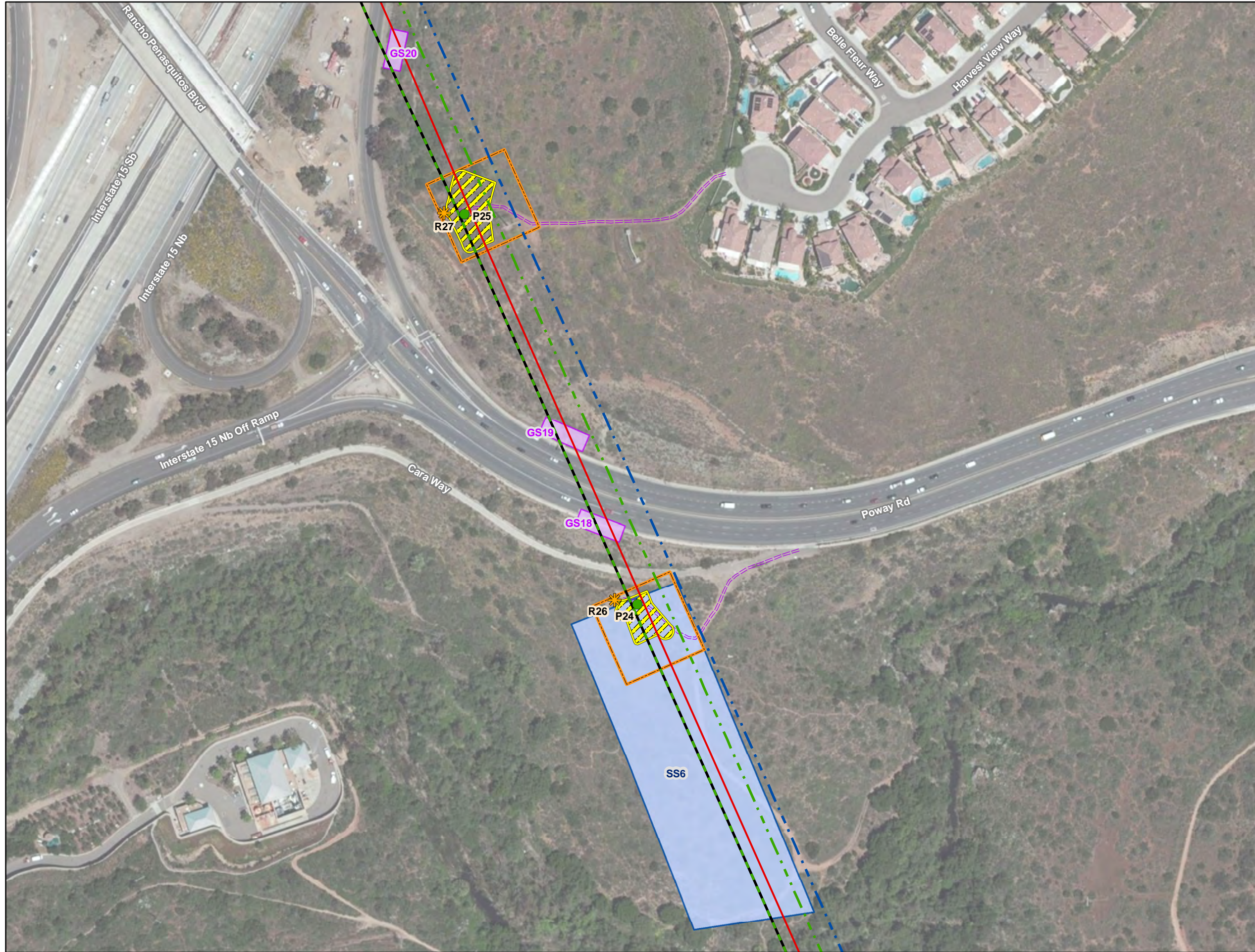
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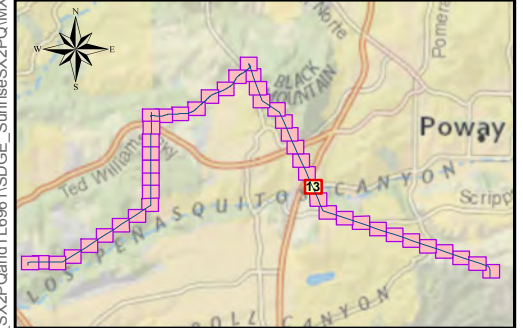
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 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - + — Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard
- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard

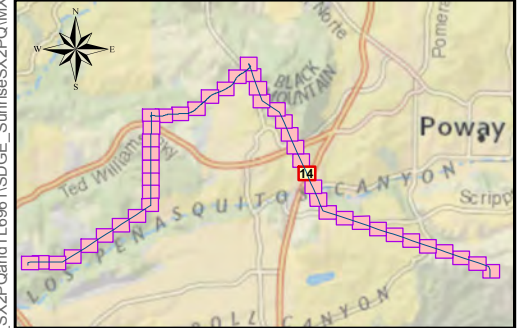
- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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A Sempra Energy utility

0 90 180 270 Feet



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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

Structures

- Proposed 230 kV Cable Pole
- Proposed 230 kV Standard Pole
- Existing 230 kV Standard Pole
- Proposed Underground 230 kV Vaults
- Proposed 69 kV Cable Pole
- Proposed 69 kV Standard Pole
- Structures to be Removed

Transmission Lines

- Existing 138 kV
- Reconductor 138 kV
- Reconductor 138 kV Underground
- New 230 kV
- Existing 230 kV
- Reconductor 230 kV
- New 230 kV Underground
- Existing 69 kV
- Reconductor 69 kV

Project Features

- SDG&E Access Road
- Staging Yard

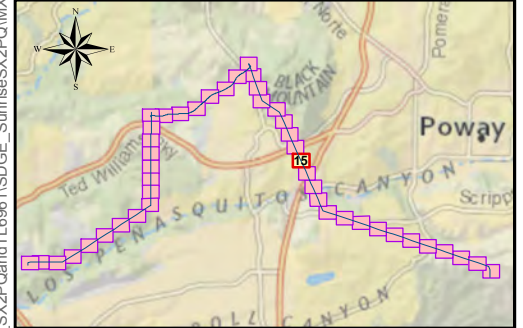
Work Areas

- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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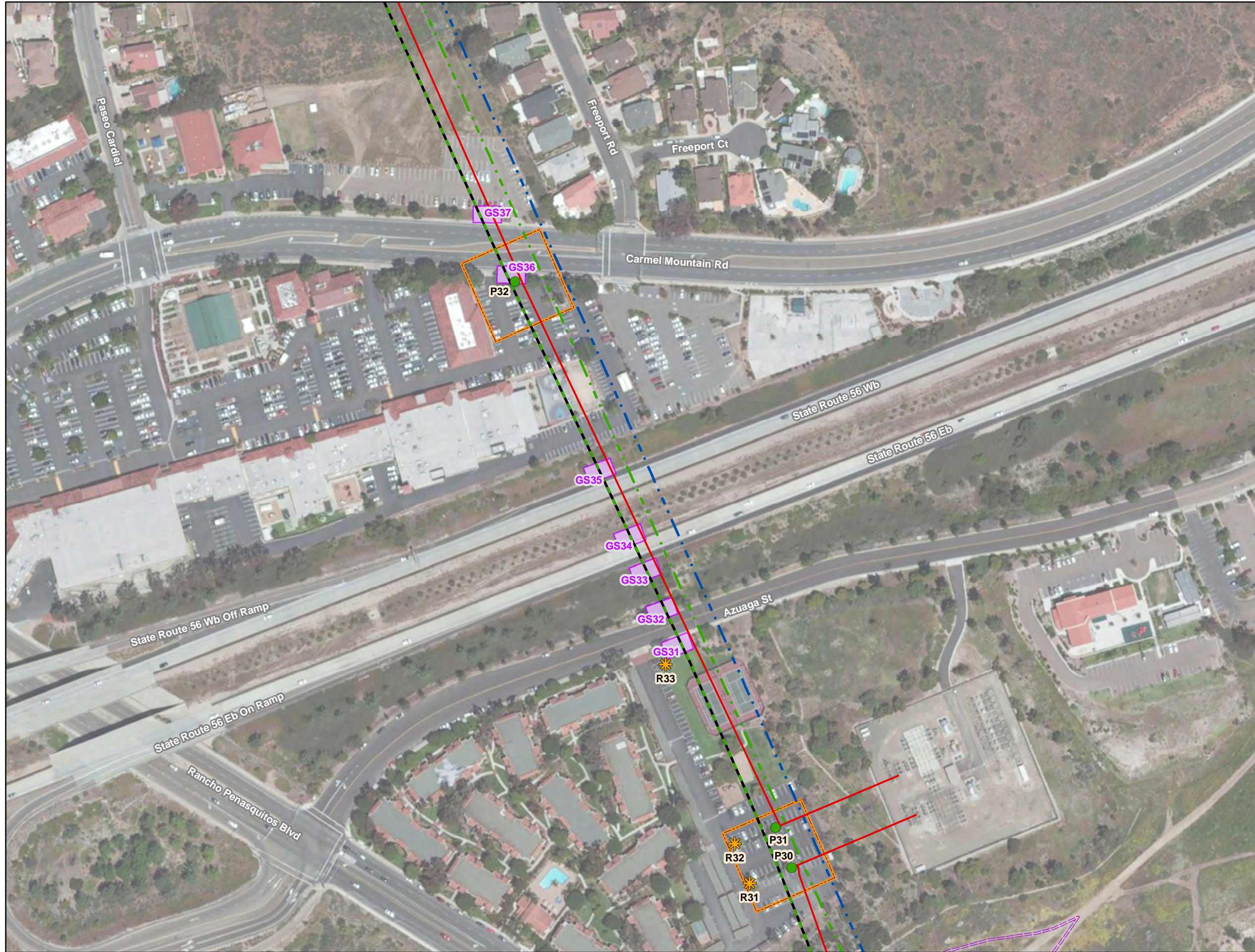
4/1/2014

0 90 180 270 Feet



Sources: SDGE, 2013; TRC, 2013; 2013 Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community/National Geographic, DeLorme, NAVTEQ, UNEP/WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC





Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

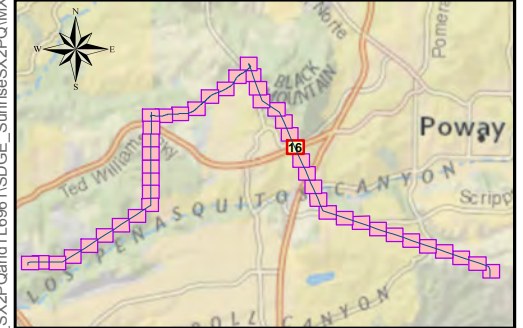
- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard
- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
 - Reductor 138 kV
 - +— Reductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reductor 69 kV

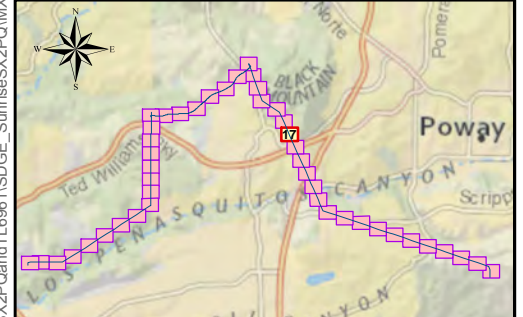
- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard
- Work Areas**
- ▭ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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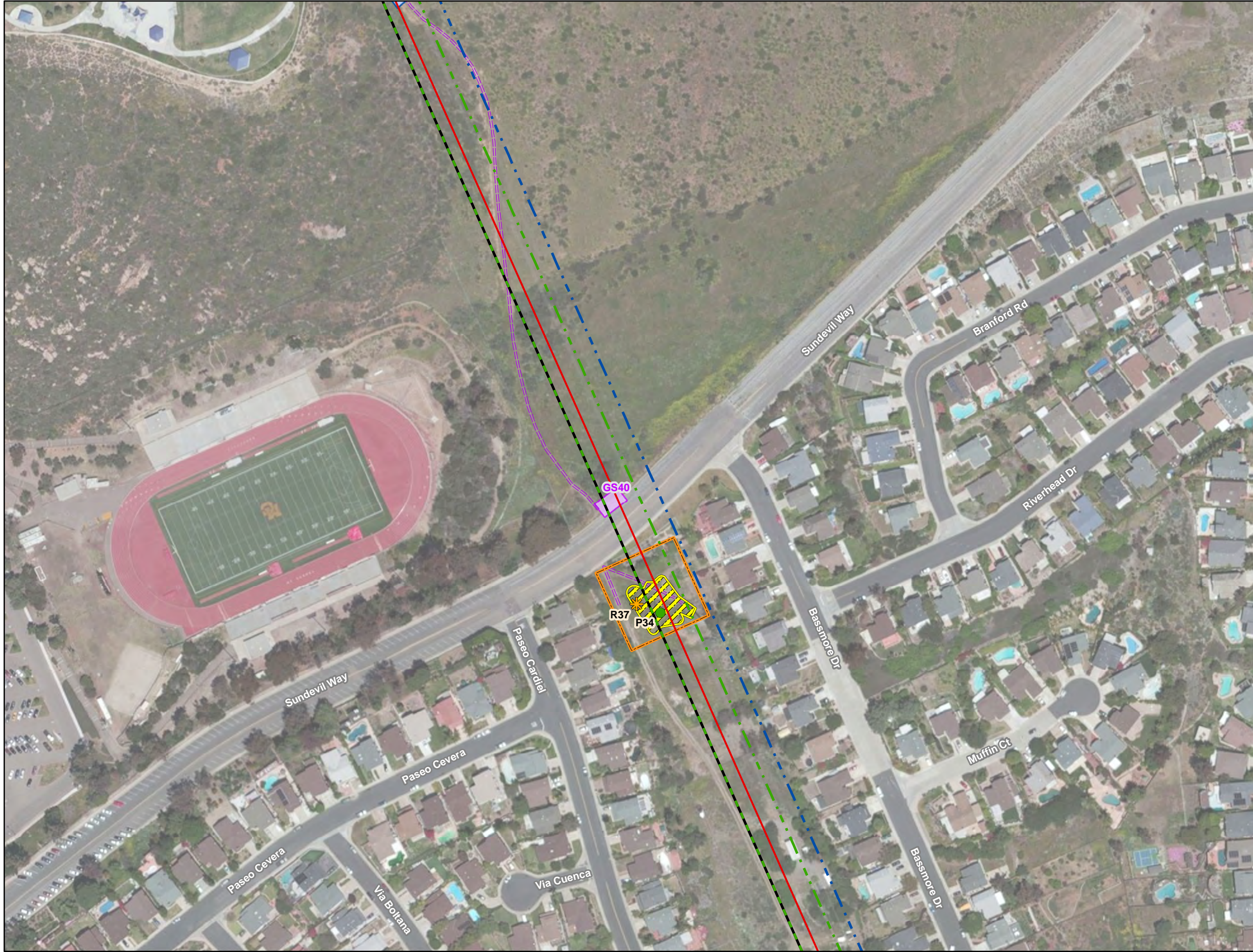
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B



- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconstructor 138 kV
 - +— Reconstructor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconstructor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconstructor 69 kV

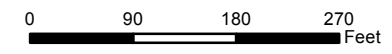
- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

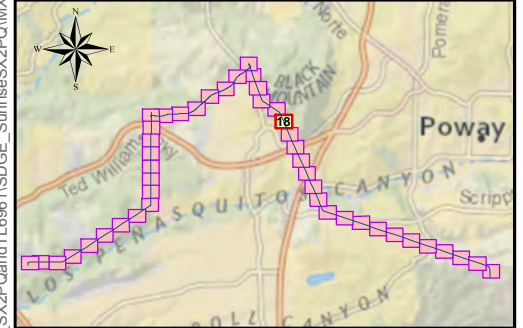
- Work Areas**
- ▭ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

Structures

- Proposed 230 kV Cable Pole
- Proposed 230 kV Standard Pole
- Existing 230 kV Standard Pole
- Proposed Underground 230 kV Vaults
- Proposed 69 kV Cable Pole
- Proposed 69 kV Standard Pole
- Structures to be Removed

Transmission Lines

- Existing 138 kV
- Reconductor 138 kV
- Reconductor 138 kV Underground
- New 230 kV
- Existing 230 kV
- Reconductor 230 kV
- New 230 kV Underground
- Existing 69 kV
- Reconductor 69 kV

Project Features

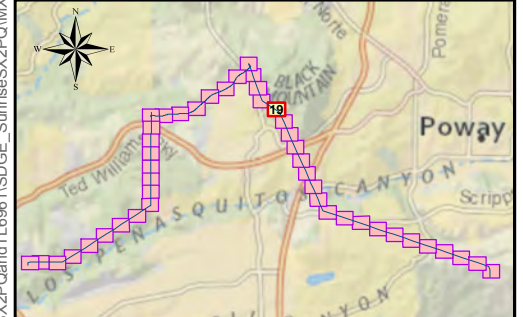
- SDG&E Access Road
- Staging Yard

Work Areas

- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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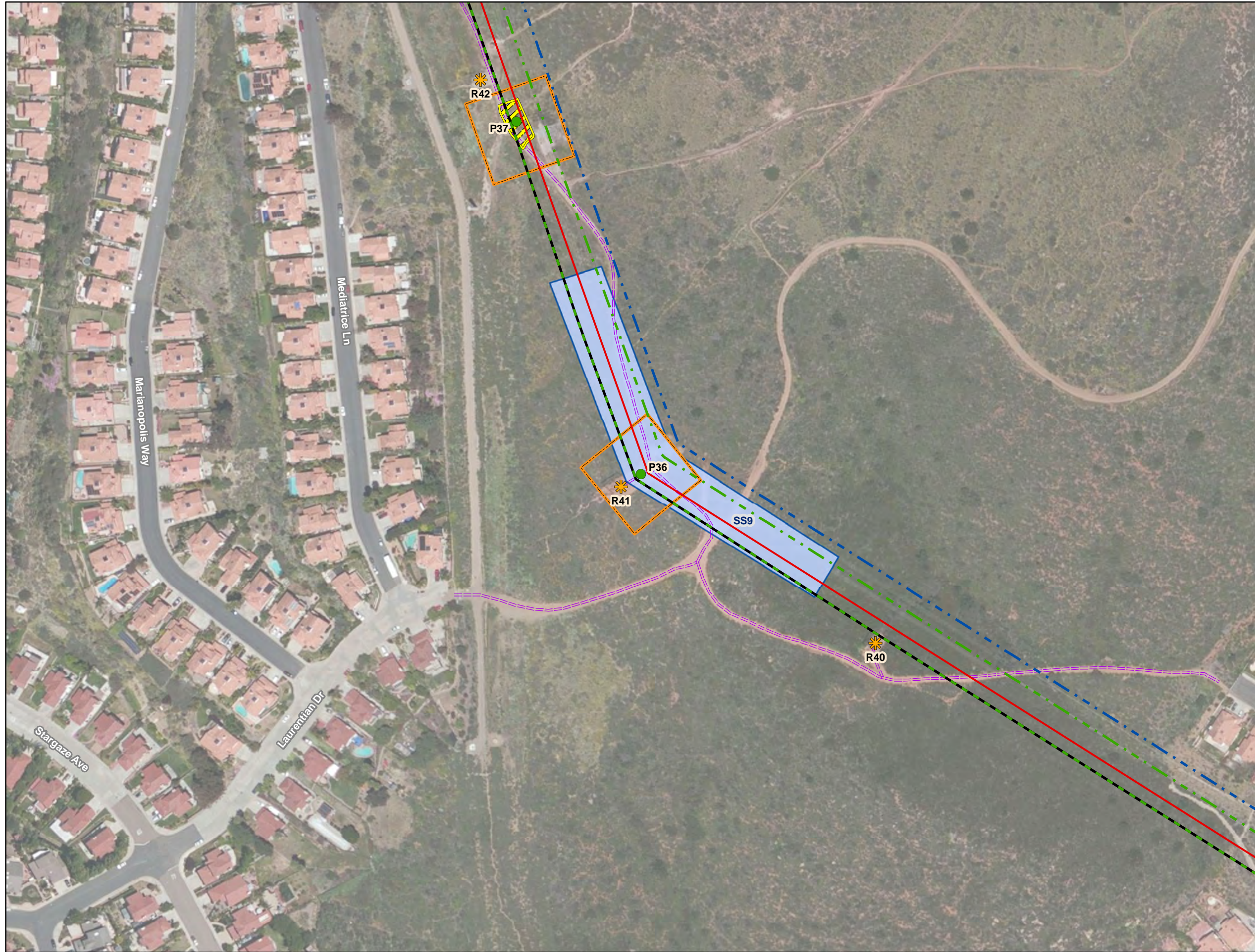
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

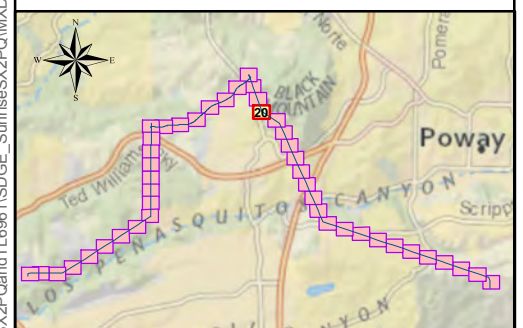
- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

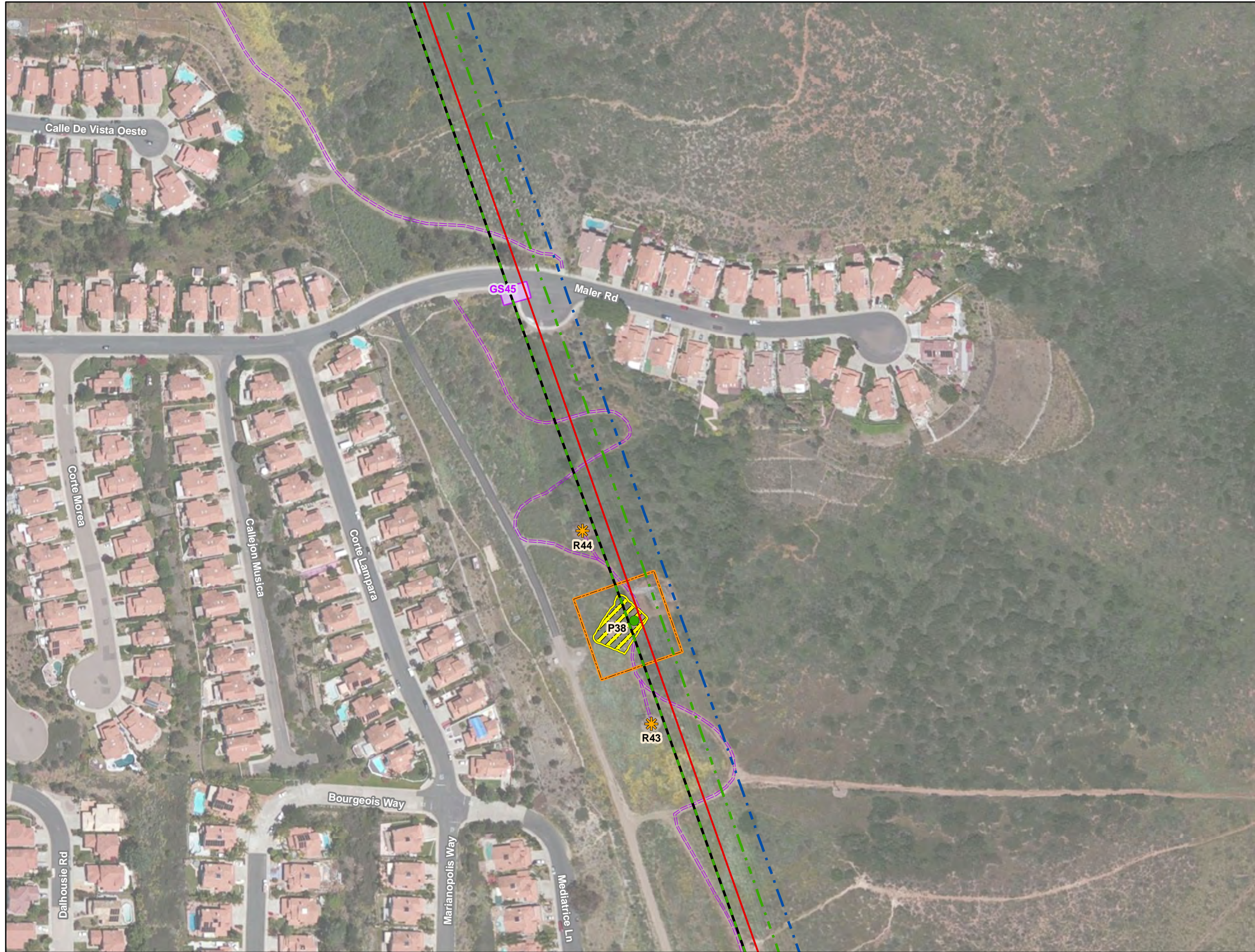
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

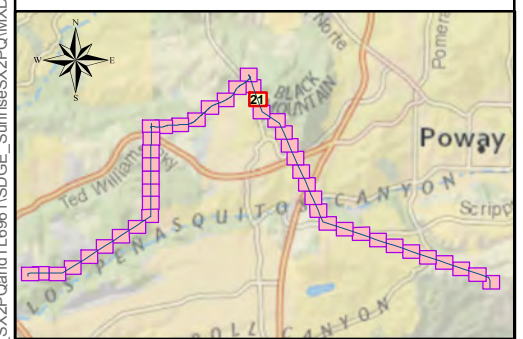
- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

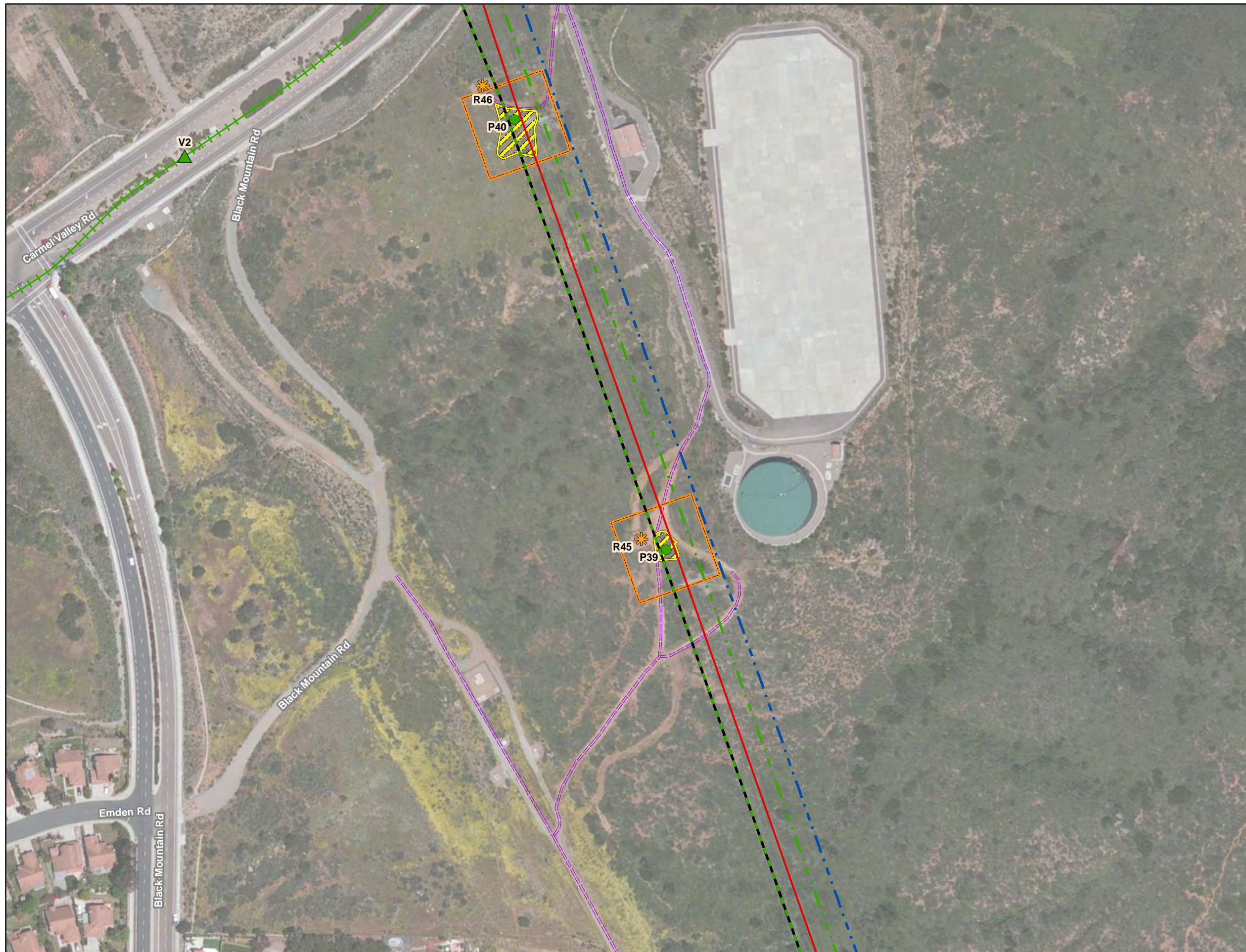
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**Sycamore to Peñasquitos 230 kV
Transmission Line Project**
Proposed Route
Detailed Route Map
Appendix 3-B

- Structures**
- Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - Proposed Underground 230 kV Vaults
 - Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - Structures to be Removed

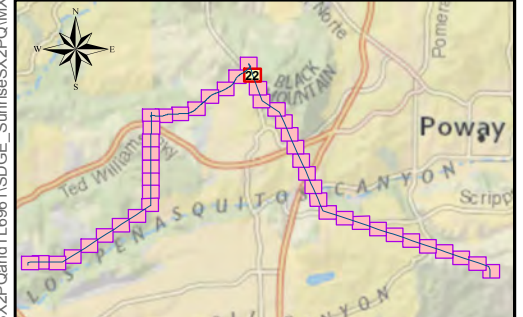
- Transmission Lines**
- Existing 138 kV
 - Reconductor 138 kV
 - Reconductor 138 kV Underground
 - New 230 kV
 - Existing 230 kV
 - Reconductor 230 kV
 - New 230 kV Underground
 - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard

- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

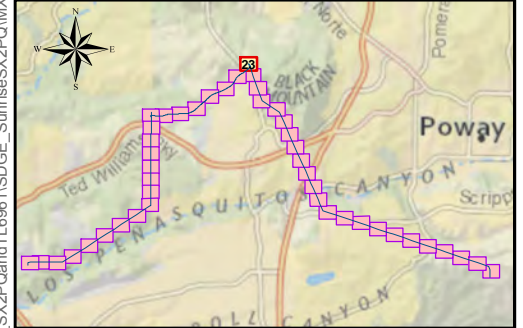
- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - Proposed Underground 230 kV Vaults
 - Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - Structures to be Removed

- Transmission Lines**
- Existing 138 kV
 - Reconductor 138 kV
 - Reconductor 138 kV Underground
 - New 230 kV
 - Existing 230 kV
 - Reconductor 230 kV
 - New 230 kV Underground
 - Existing 69 kV
 - Reconductor 69 kV

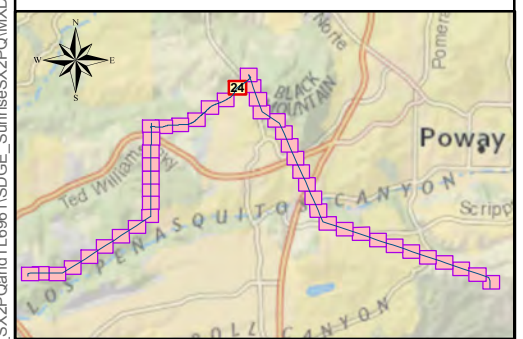
- Project Features**
- SDG&E Access Road
 - Staging Yard

- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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 0 90 180 270 Feet












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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B



Structures

-  Proposed 230 kV Cable Pole
-  Proposed 230 kV Standard Pole
-  Existing 230 kV Standard Pole
-  Proposed Underground 230 kV Vaults
-  Proposed 69 kV Cable Pole
-  Proposed 69 kV Standard Pole
-  Structures to be Removed





Transmission Lines

-  Existing 138 kV
-  Reconductor 138 kV
-  Reconductor 138 kV Underground
-  New 230 kV
-  Existing 230 kV
-  Reconductor 230 kV
-  New 230 kV Underground
-  Existing 69 kV
-  Reconductor 69 kV




Project Features

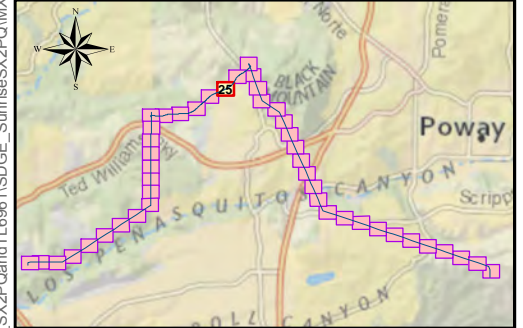
-  SDG&E Access Road
-  Staging Yard

Work Areas

-  Permanent
 -  Temporary Work Areas
 -  Guard Structure
 -  Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B



- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

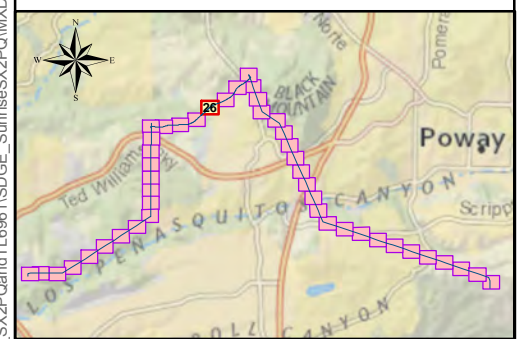
- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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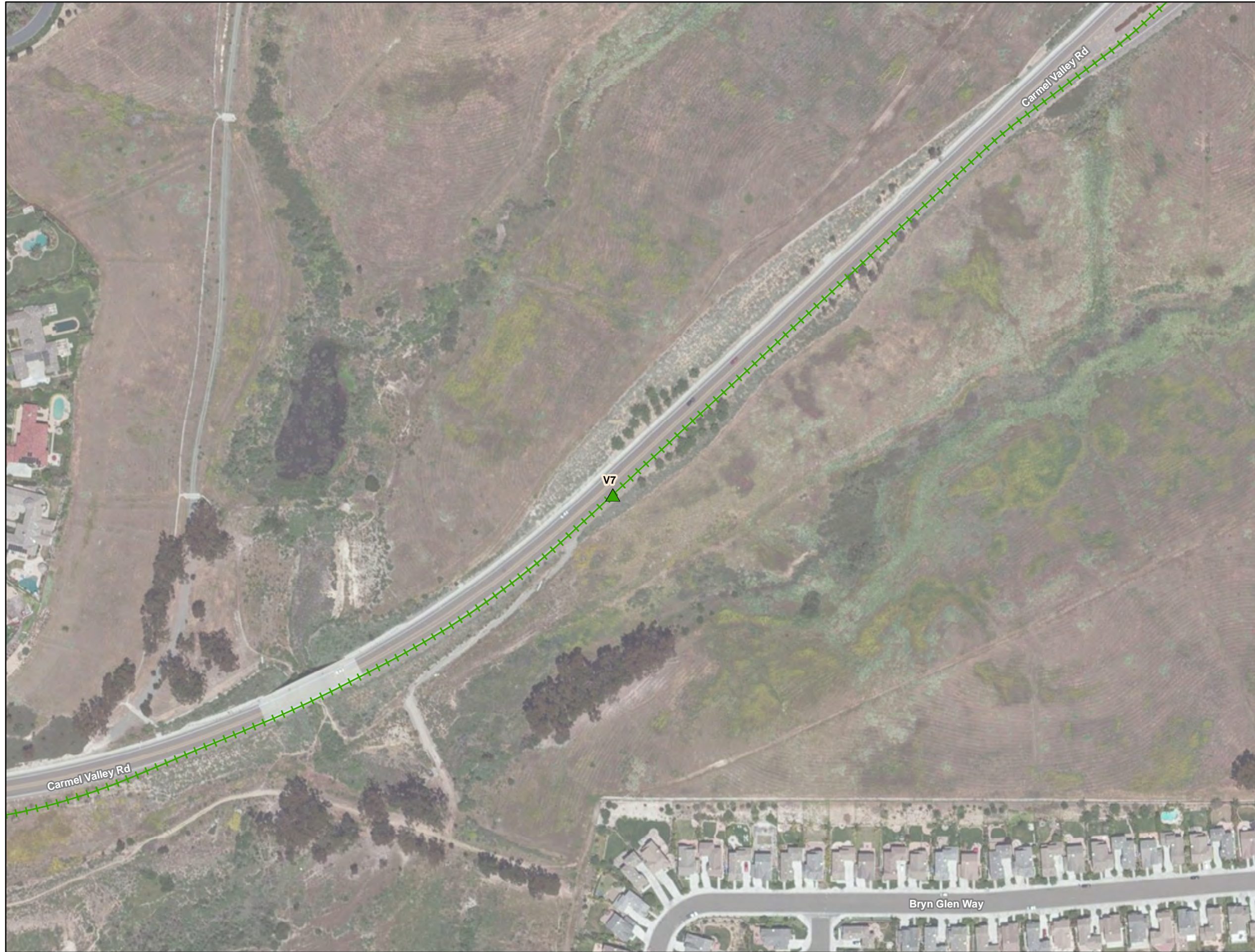



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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

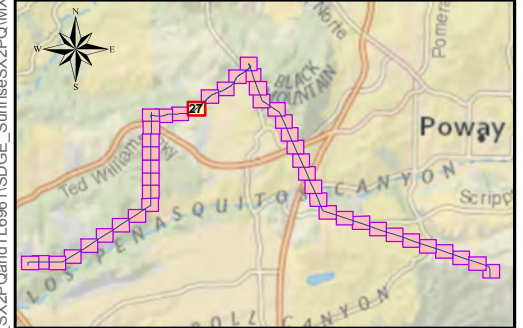
- Transmission Lines**
- · - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - · - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - · - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

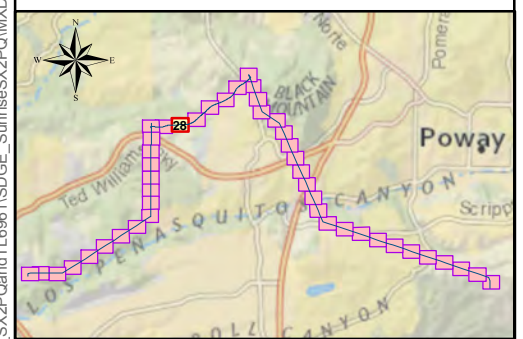
- Transmission Lines**
- · - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - · - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - · - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

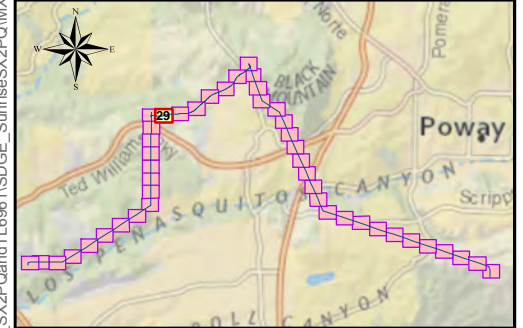
- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

Structures

- Proposed 230 kV Cable Pole
- Proposed 230 kV Standard Pole
- Existing 230 kV Standard Pole
- Proposed Underground 230 kV Vaults
- Proposed 69 kV Cable Pole
- Proposed 69 kV Standard Pole
- Structures to be Removed

Transmission Lines

- Existing 138 kV
- Reconductor 138 kV
- Reconductor 138 kV Underground
- New 230 kV
- Existing 230 kV
- Reconductor 230 kV
- New 230 kV Underground
- Existing 69 kV
- Reconductor 69 kV

Project Features

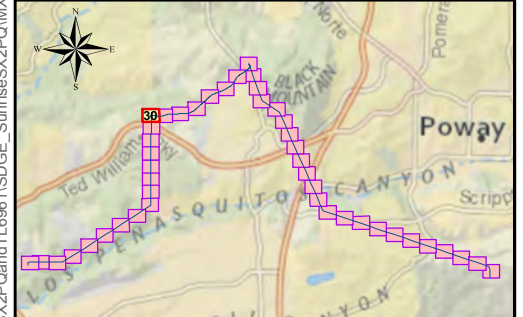
- SDG&E Access Road
- Staging Yard

Work Areas

- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B


- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- · - · Existing 138 kV
 - Reconductor 138 kV
 - + + Reconductor 138 kV Underground
 - New 230 kV
 - · - · Existing 230 kV
 - Reconductor 230 kV
 - + + New 230 kV Underground
 - · - · Existing 69 kV
 - Reconductor 69 kV


- Project Features**
- SDG&E Access Road
 - Staging Yard

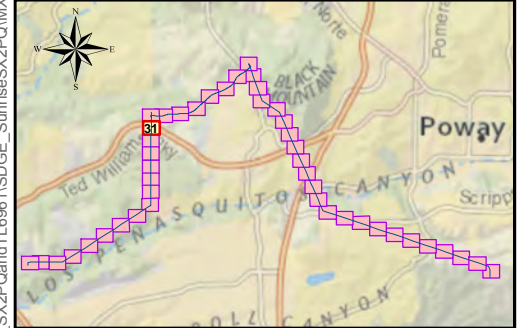
- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site * Not all access necessarily shown

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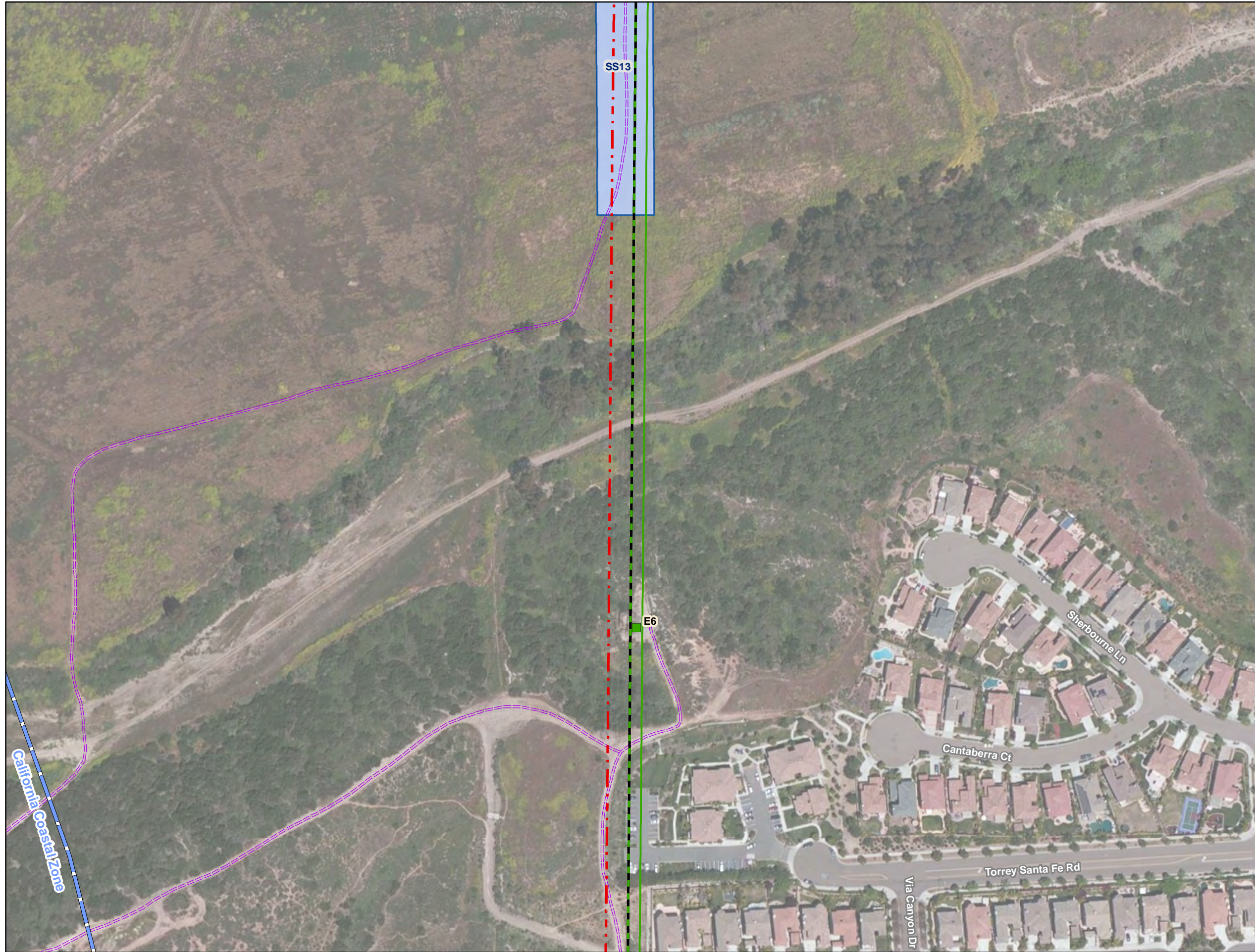

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B


- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- · - · Existing 138 kV
 - Reconductor 138 kV
 - + — Reconductor 138 kV Underground
 - New 230 kV
 - · - · Existing 230 kV
 - Reconductor 230 kV
 - + — New 230 kV Underground
 - · - · Existing 69 kV
 - Reconductor 69 kV


- Project Features**
- SDG&E Access Road
 - Staging Yard

- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site * Not all access necessarily shown


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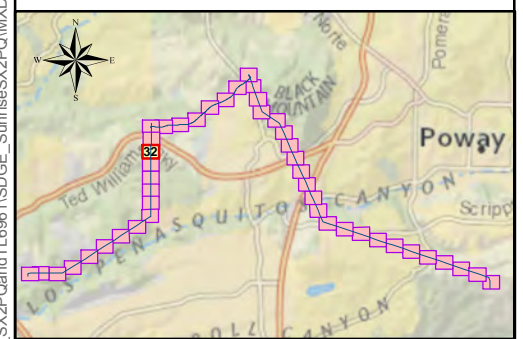


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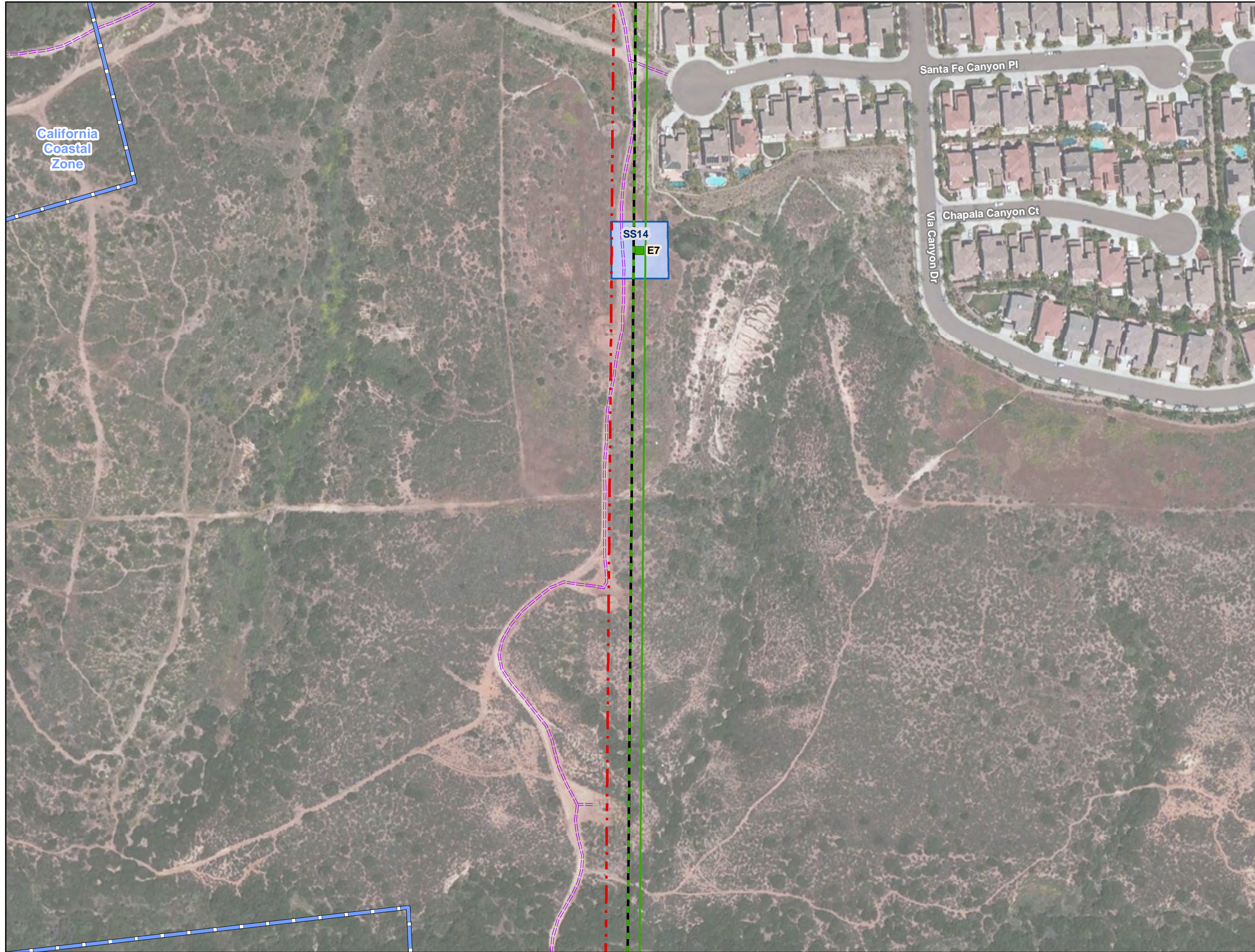
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B


- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- · - · Existing 138 kV
 - Reconductor 138 kV
 - + + Reconductor 138 kV Underground
 - New 230 kV
 - · - · Existing 230 kV
 - Reconductor 230 kV
 - + + New 230 kV Underground
 - · - · Existing 69 kV
 - Reconductor 69 kV


- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site * Not all access necessarily shown


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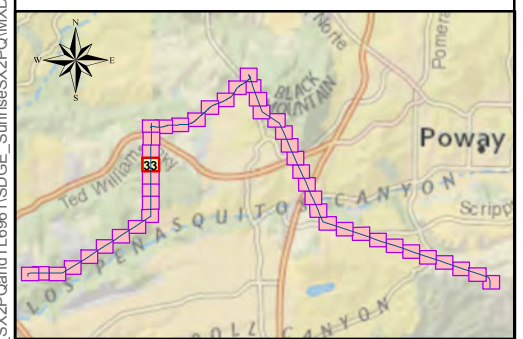


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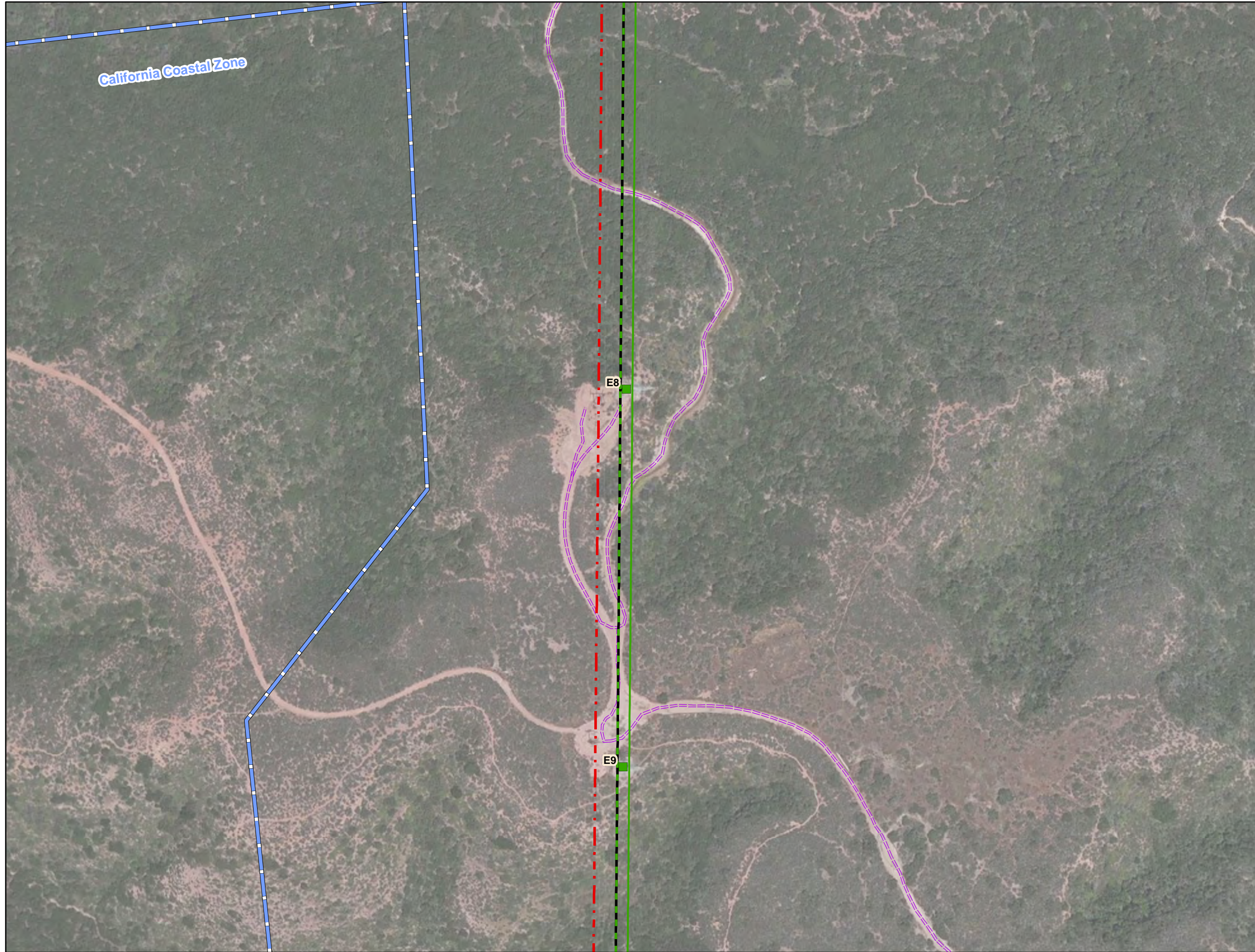
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - Proposed Underground 230 kV Vaults
 - Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - Structures to be Removed

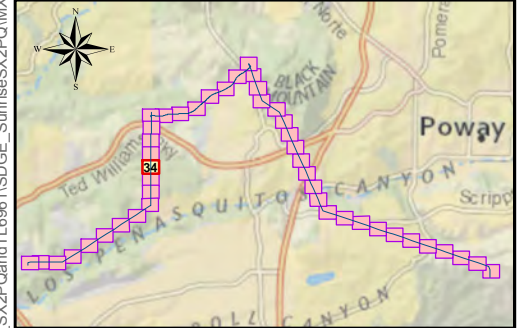
- Transmission Lines**
- Existing 138 kV
 - Reconstructor 138 kV
 - Reconstructor 138 kV Underground
 - New 230 kV
 - Existing 230 kV
 - Reconstructor 230 kV
 - New 230 kV Underground
 - Existing 69 kV
 - Reconstructor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard

- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site
- * Not all access necessarily shown

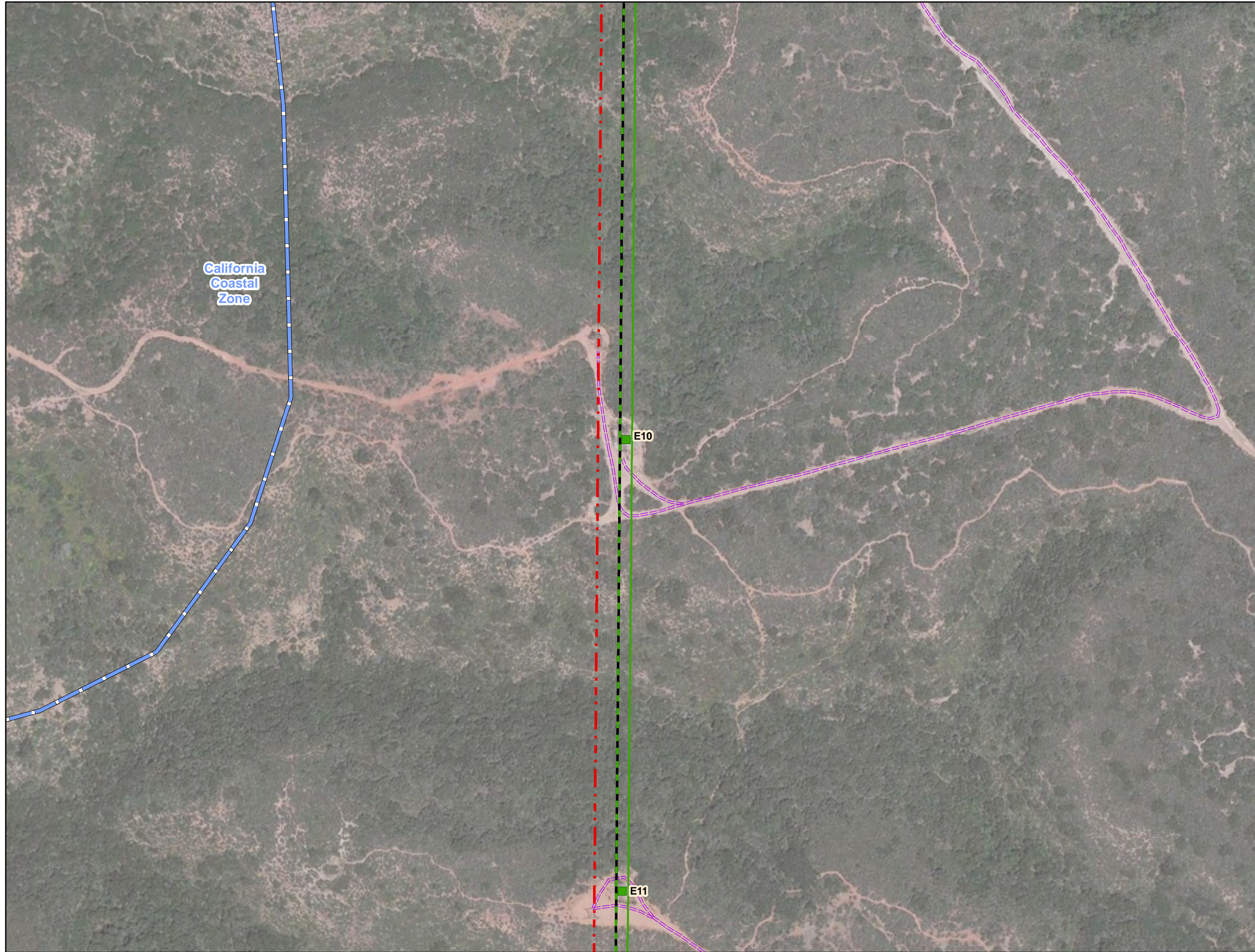
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B


- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV


- Project Features**
- - - SDG&E Access Road
 - ▭ Staging Yard

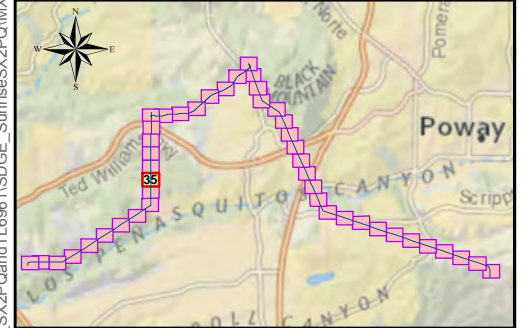
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

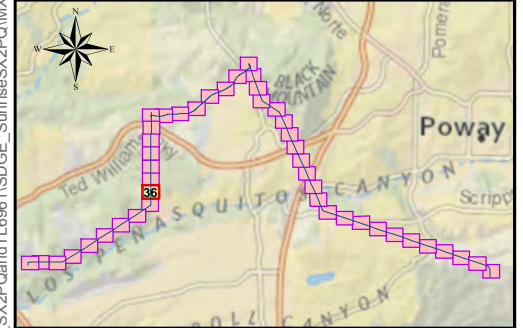
- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

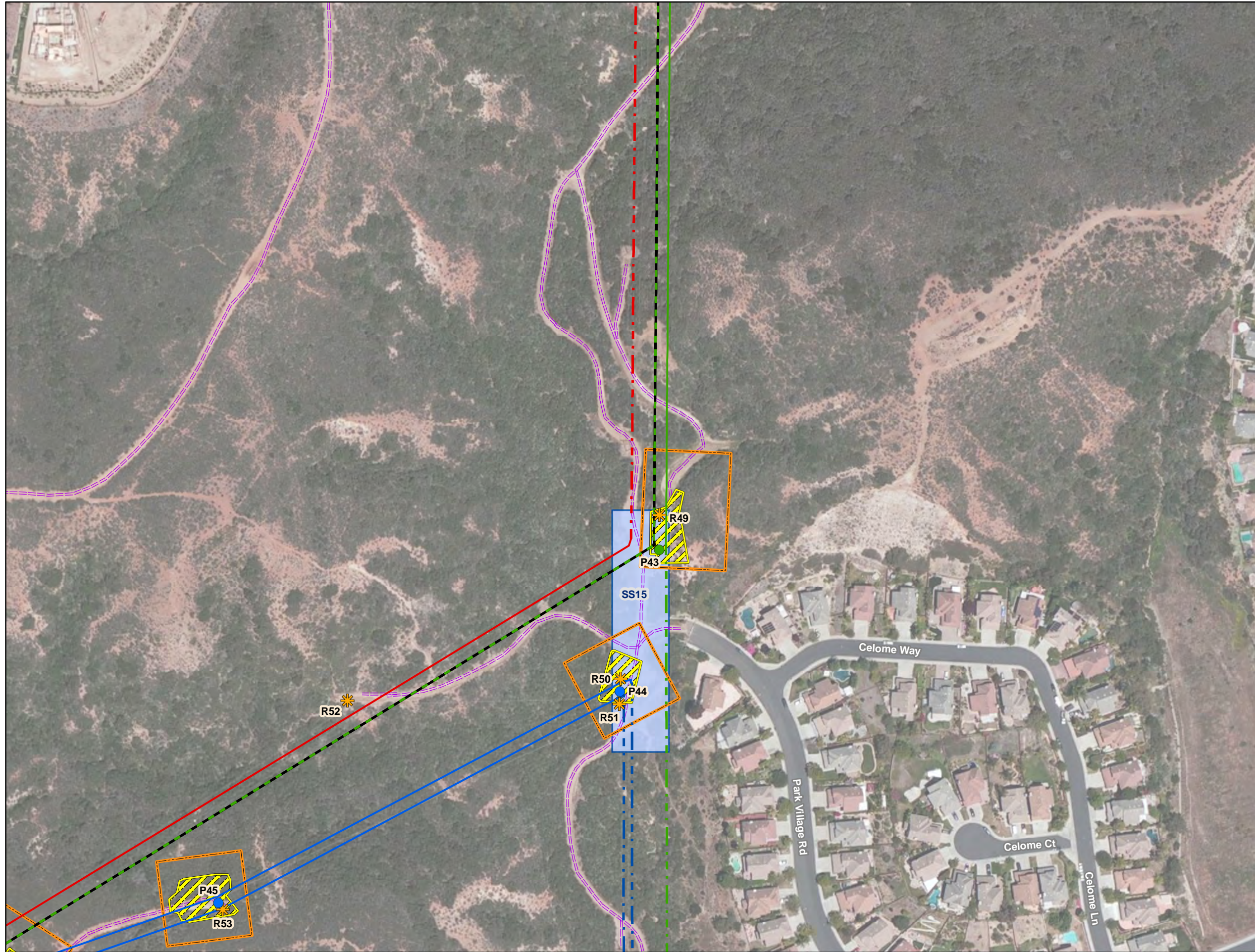
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- · - · Existing 138 kV
 - Reconductor 138 kV
 - + - + Reconductor 138 kV Underground
 - New 230 kV
 - · - · Existing 230 kV
 - Reconductor 230 kV
 - + - + New 230 kV Underground
 - · - · Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - Staging Yard
- Work Areas**
- Permanent
 - Temporary Work Areas
 - Guard Structure
 - Stringing Site * Not all access necessarily shown


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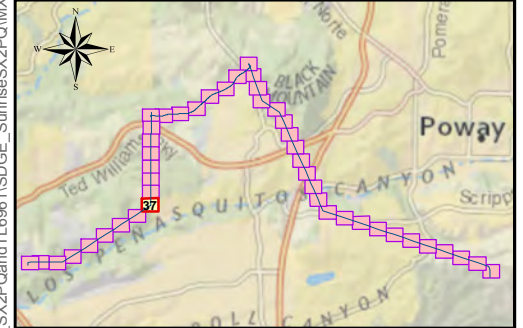


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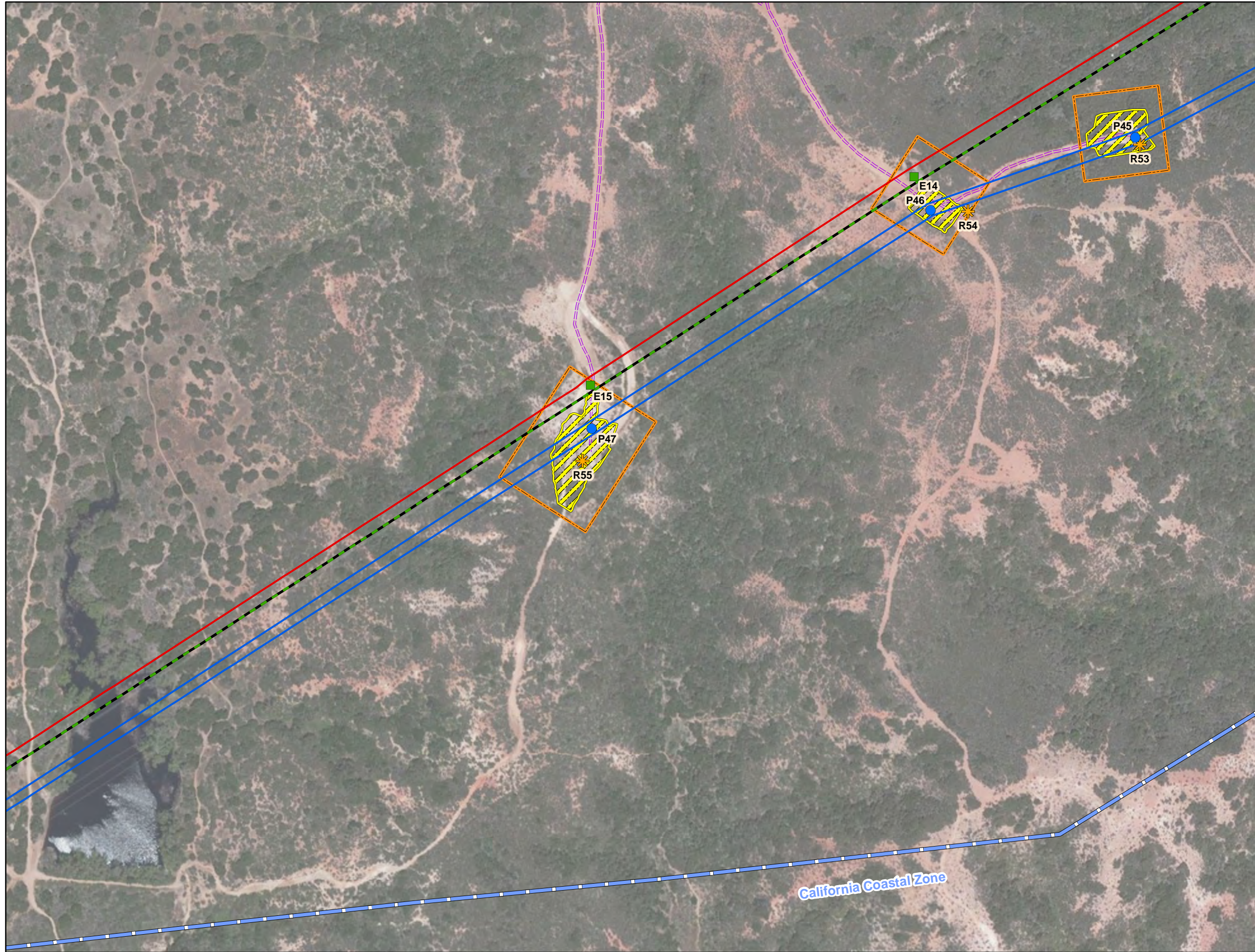


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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed


- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

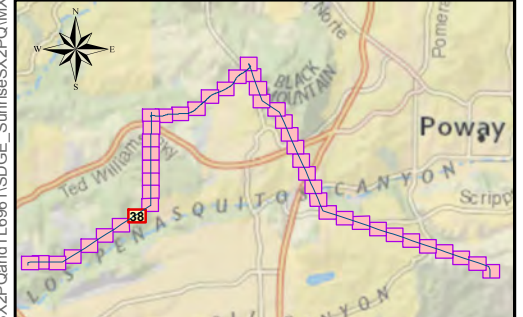
- Project Features**
- - - SDG&E Access Road
 - ▭ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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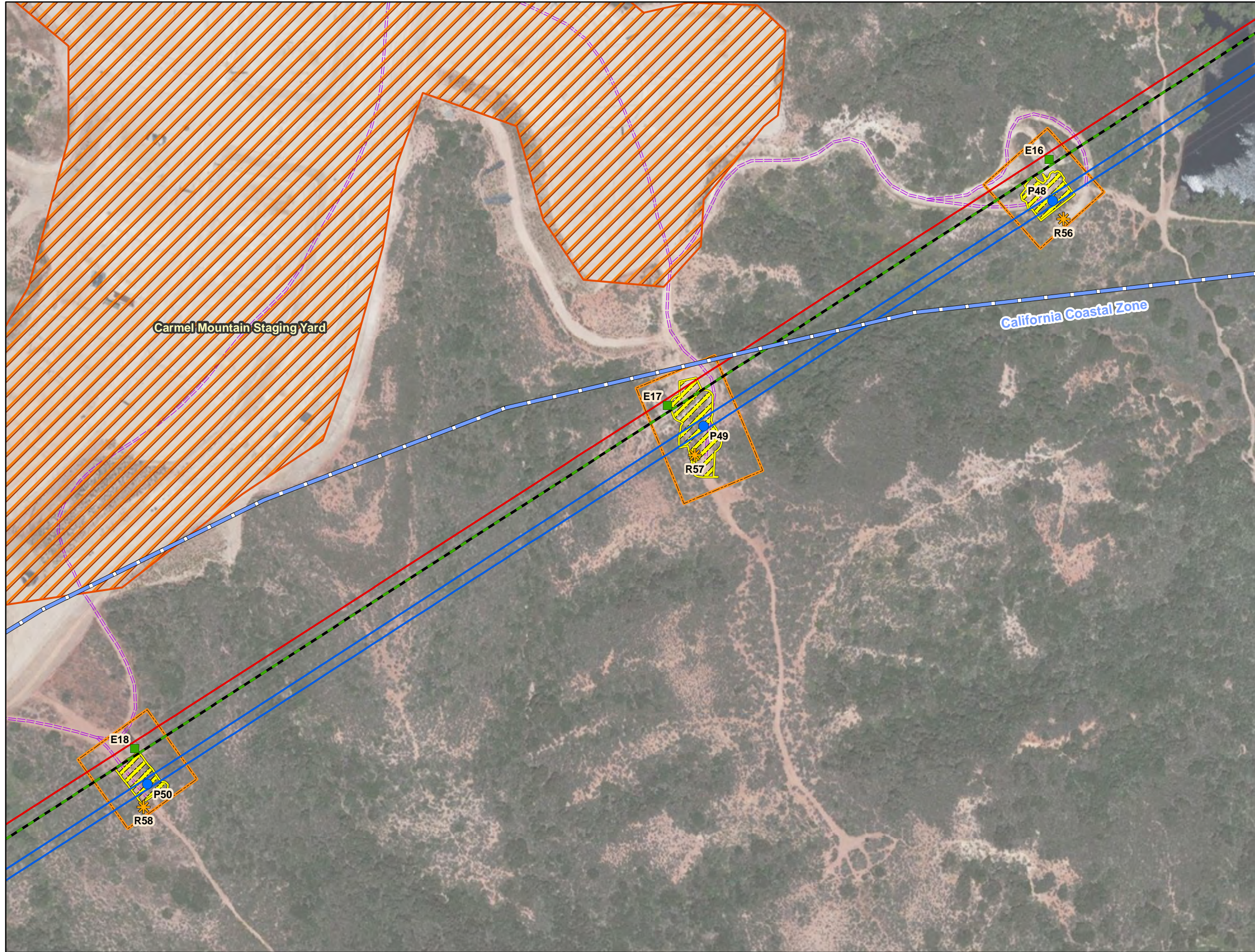
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

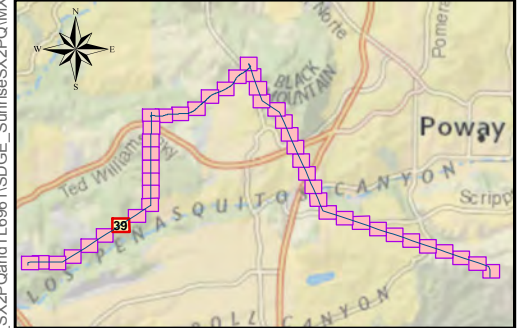
- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B


- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - + - Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - + - New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV


- Project Features**
- SDG&E Access Road
 - ▨ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▨ Guard Structure
 - ▨ Stringing Site * Not all access necessarily shown


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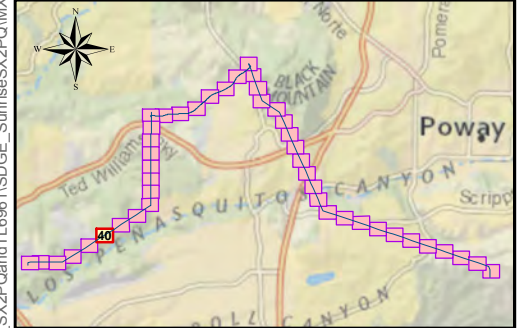


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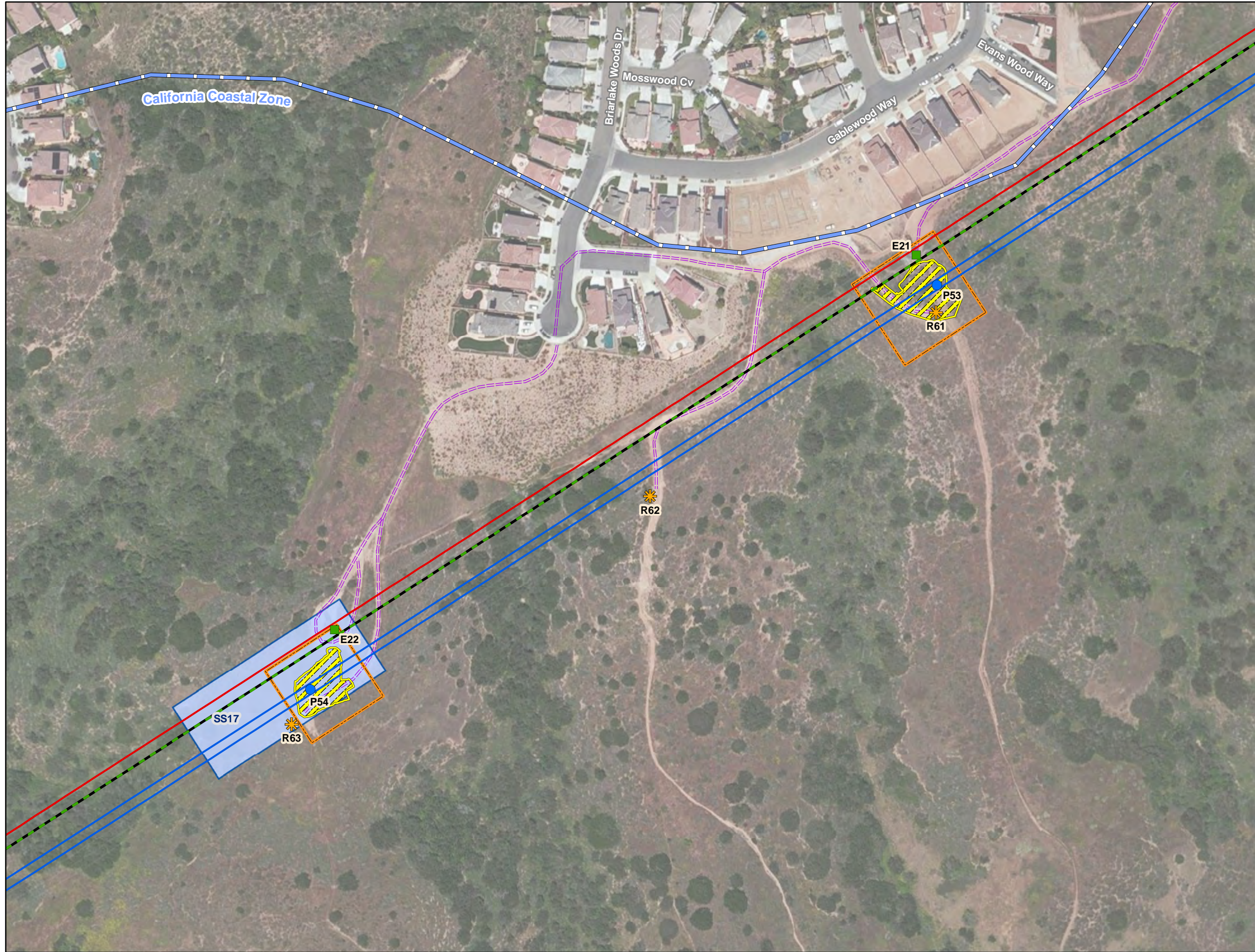
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B




- Structures**
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 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

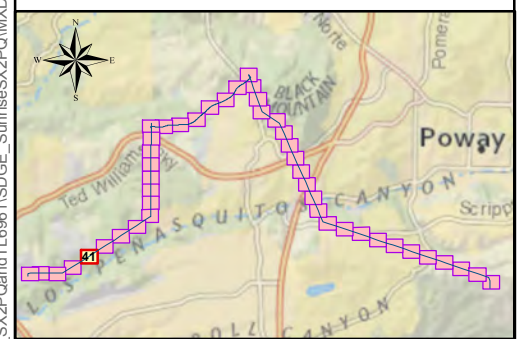
- Transmission Lines**
- - - Existing 138 kV
 - Reconductor 138 kV
 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- SDG&E Access Road
 - ▭ Staging Yard

- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

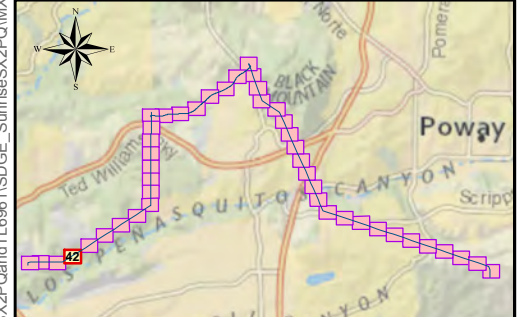
- Structures**
- + Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - + Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- · - · Existing 138 kV
 - Reconductor 138 kV
 - + - + Reconductor 138 kV Underground
 - New 230 kV
 - · - · Existing 230 kV
 - Reconductor 230 kV
 - + - + New 230 kV Underground
 - · - · Existing 69 kV
 - Reconductor 69 kV

- Project Features**
- - - - SDG&E Access Road
 - ▨ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site
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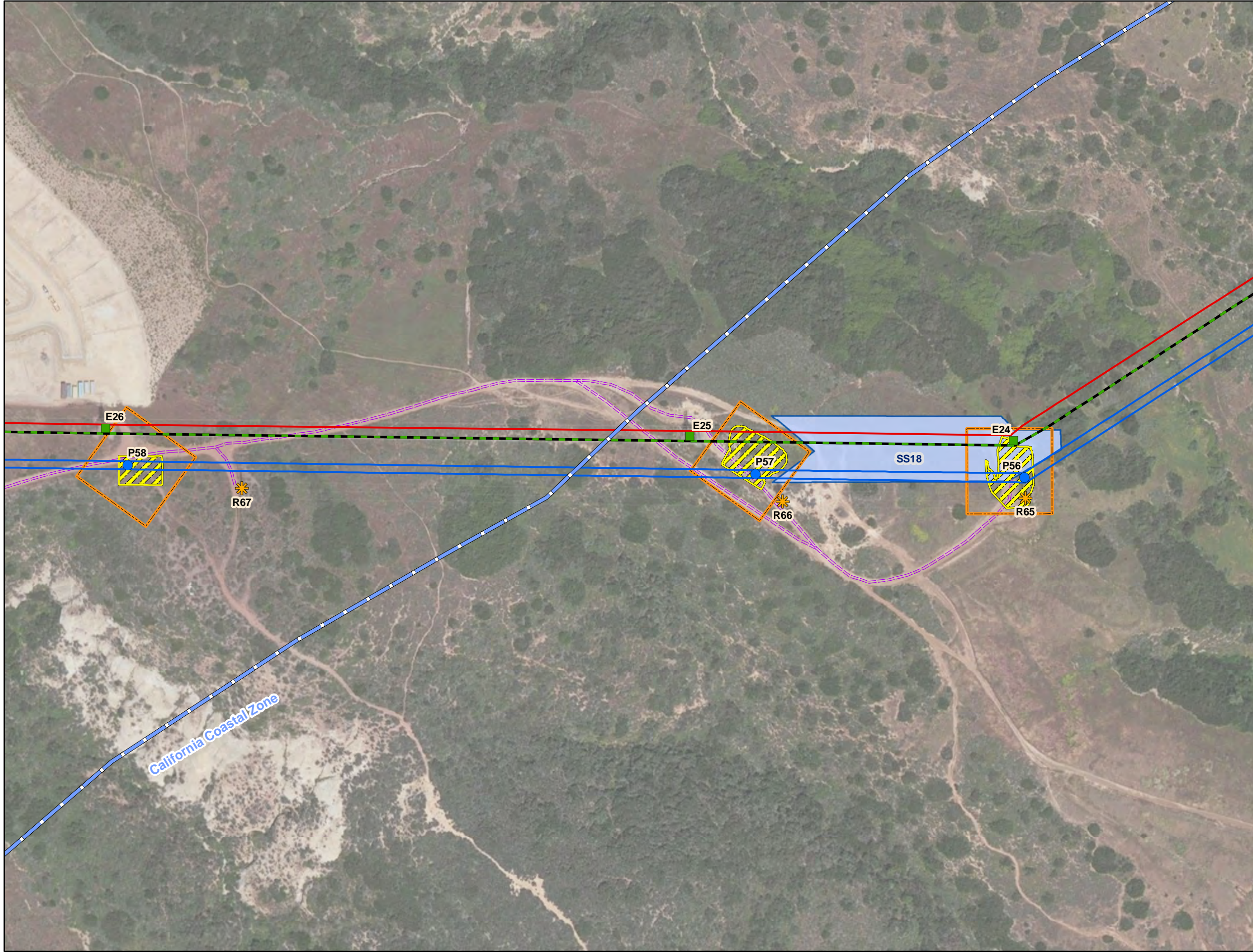
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

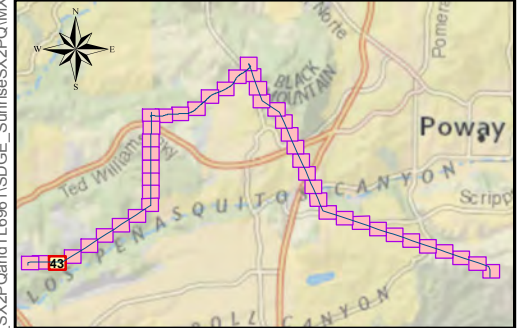
- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
 - Proposed 69 kV Standard Pole
 - ✱ Structures to be Removed

- Transmission Lines**
- - - Existing 138 kV
 - Reconstructor 138 kV
 - +— Reconstructor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconstructor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconstructor 69 kV

- Project Features**
- - - SDG&E Access Road
 - ▨ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▭ Temporary Work Areas
 - ▭ Guard Structure
 - ▭ Stringing Site * Not all access necessarily shown

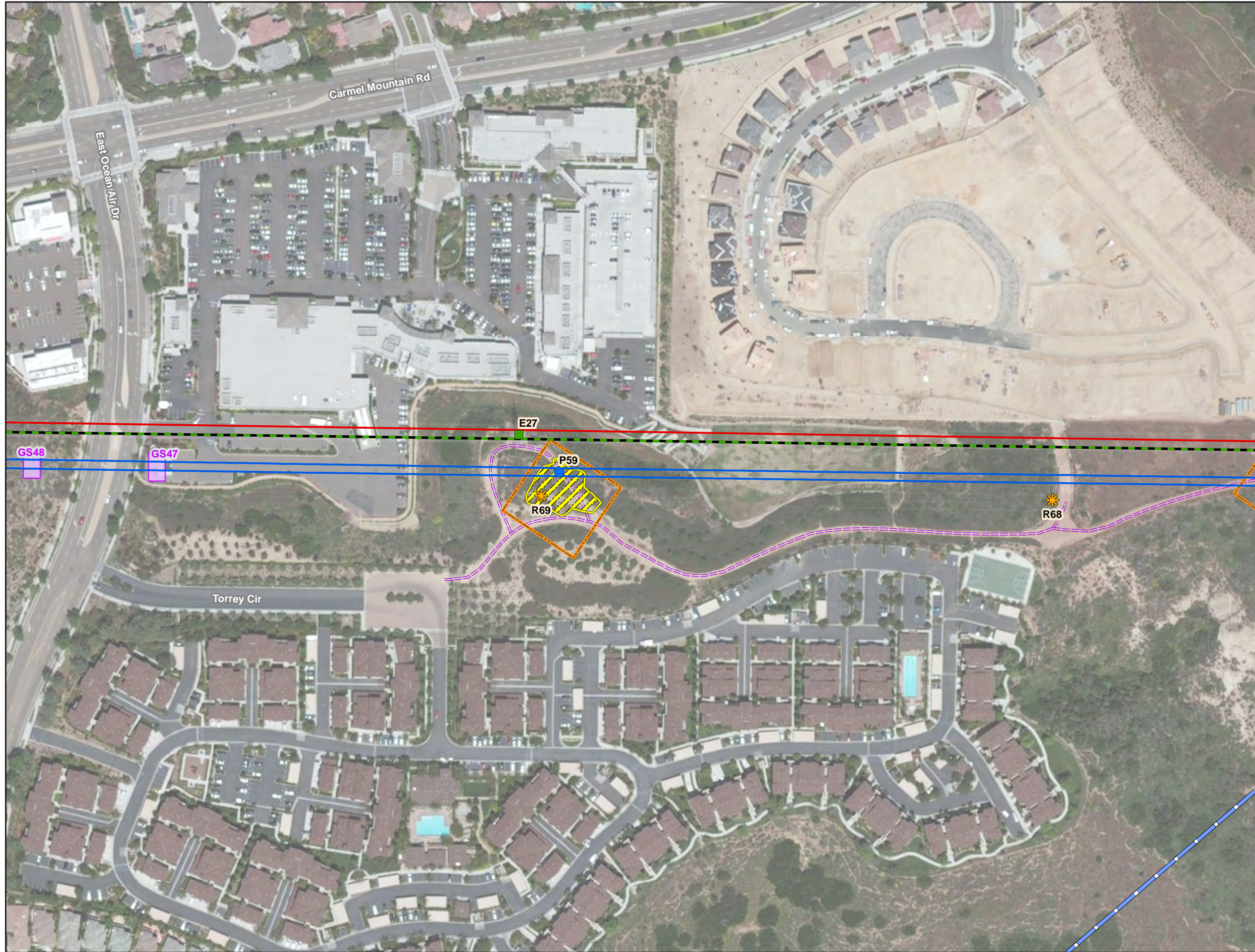
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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

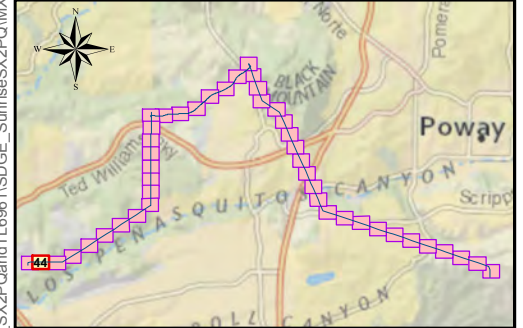
- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
 - Existing 230 kV Standard Pole
 - ▲ Proposed Underground 230 kV Vaults
 - ⊕ Proposed 69 kV Cable Pole
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 - +— Reconductor 138 kV Underground
 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

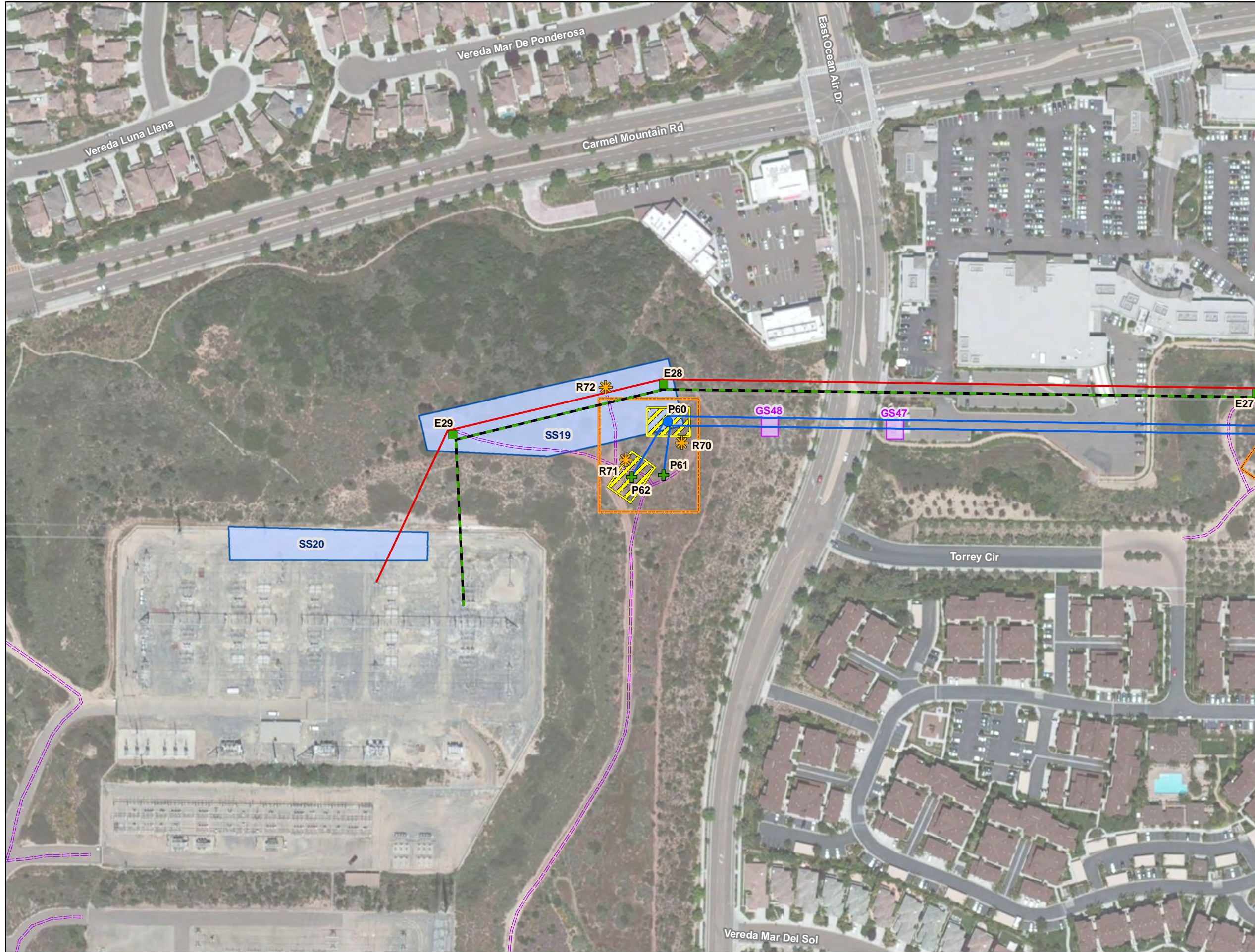
- Project Features**
- - - SDG&E Access Road
 - ▨ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - ▨ Guard Structure
 - ▨ Stringing Site
- * Not all access necessarily shown

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Sycamore to Peñasquitos 230 kV Transmission Line Project
 Proposed Route
 Detailed Route Map
Appendix 3-B

- Structures**
- ⊕ Proposed 230 kV Cable Pole
 - Proposed 230 kV Standard Pole
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 - New 230 kV
 - - - Existing 230 kV
 - Reconductor 230 kV
 - +— New 230 kV Underground
 - - - Existing 69 kV
 - Reconductor 69 kV

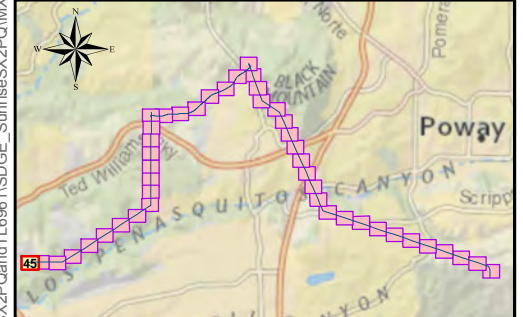
- Project Features**
- - - SDG&E Access Road
 - ▨ Staging Yard
- Work Areas**
- ▨ Permanent
 - ▨ Temporary Work Areas
 - Guard Structure
 - Stringing Site
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**Sycamore to Peñasquitos 230 kV
Transmission Line Project**

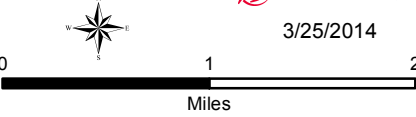
Detailed Route Map
(Staging Yards)

Appendix 3-B

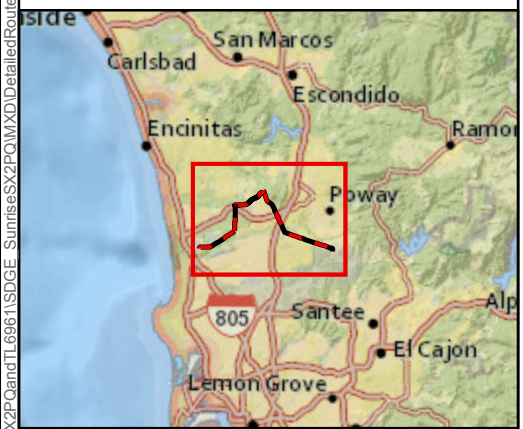
-  Proposed Route
-  Staging Yards Page Index



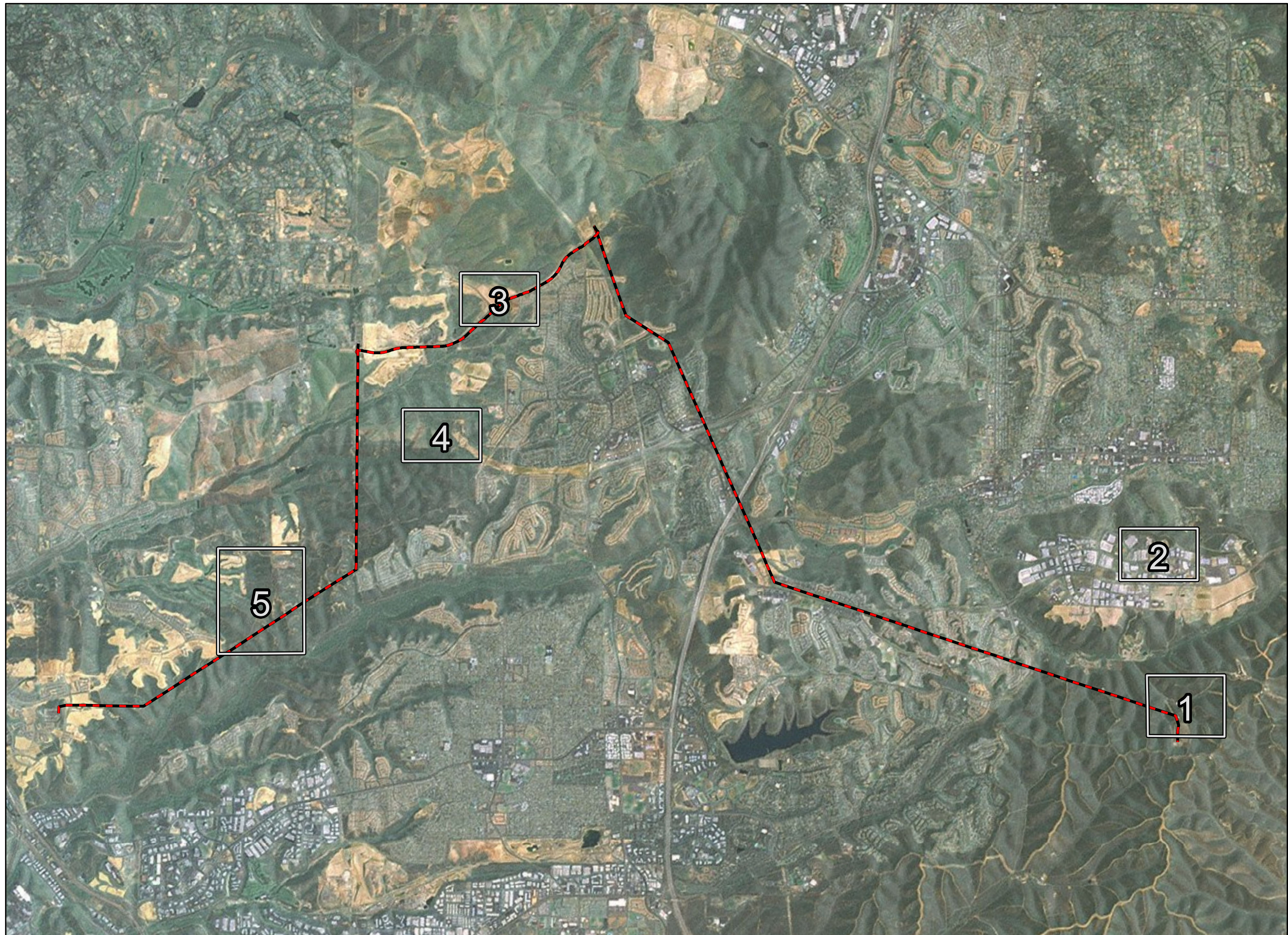
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**Sycamore to Peñasquitos 230 kV
Transmission Line Project**


Proposed Route

Detailed Route Map
(Staging Yards)


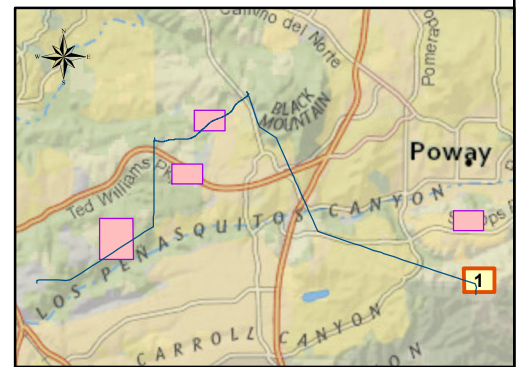
Appendix 3-B

-  Proposed Route
-  Staging Yards

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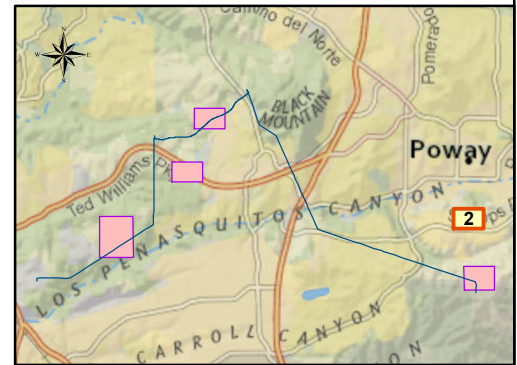


**Sycamore to Peñasquitos 230 kV
Transmission Line Project**
Proposed Route
 Detailed Route Map
 (Staging Yards)
Appendix 3-B

-  Proposed Route
-  Staging Yards

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 0 280 560 840
 Feet



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

Proposed Route

Detailed Route Map
(Staging Yards)

Appendix 3-B

-  Proposed Route
-  Staging Yards

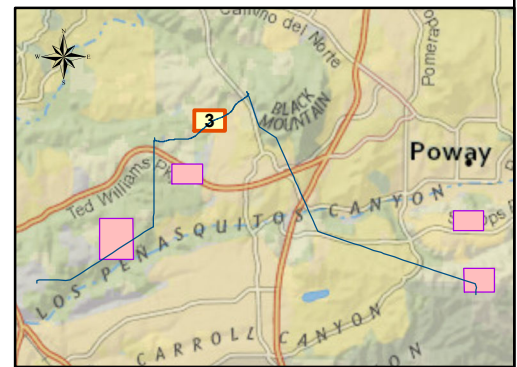
Carmel Valley Road Staging Yard

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

Proposed Route




Detailed Route Map
(Staging Yards)

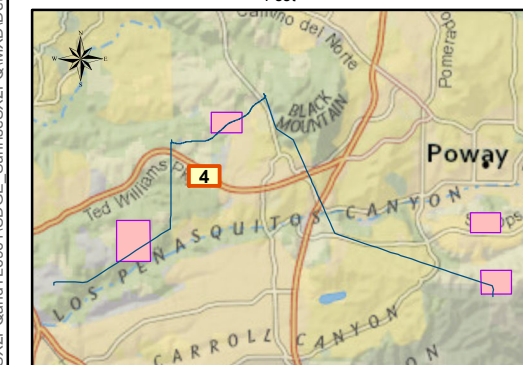
Appendix 3-B

-  Proposed Route
-  Staging Yards

Torrey Sante Fe Staging Yard

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




Proposed Route

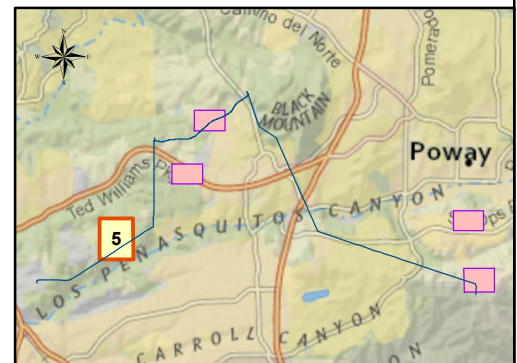
Detailed Route Map
(Staging Yards)

Appendix 3-B

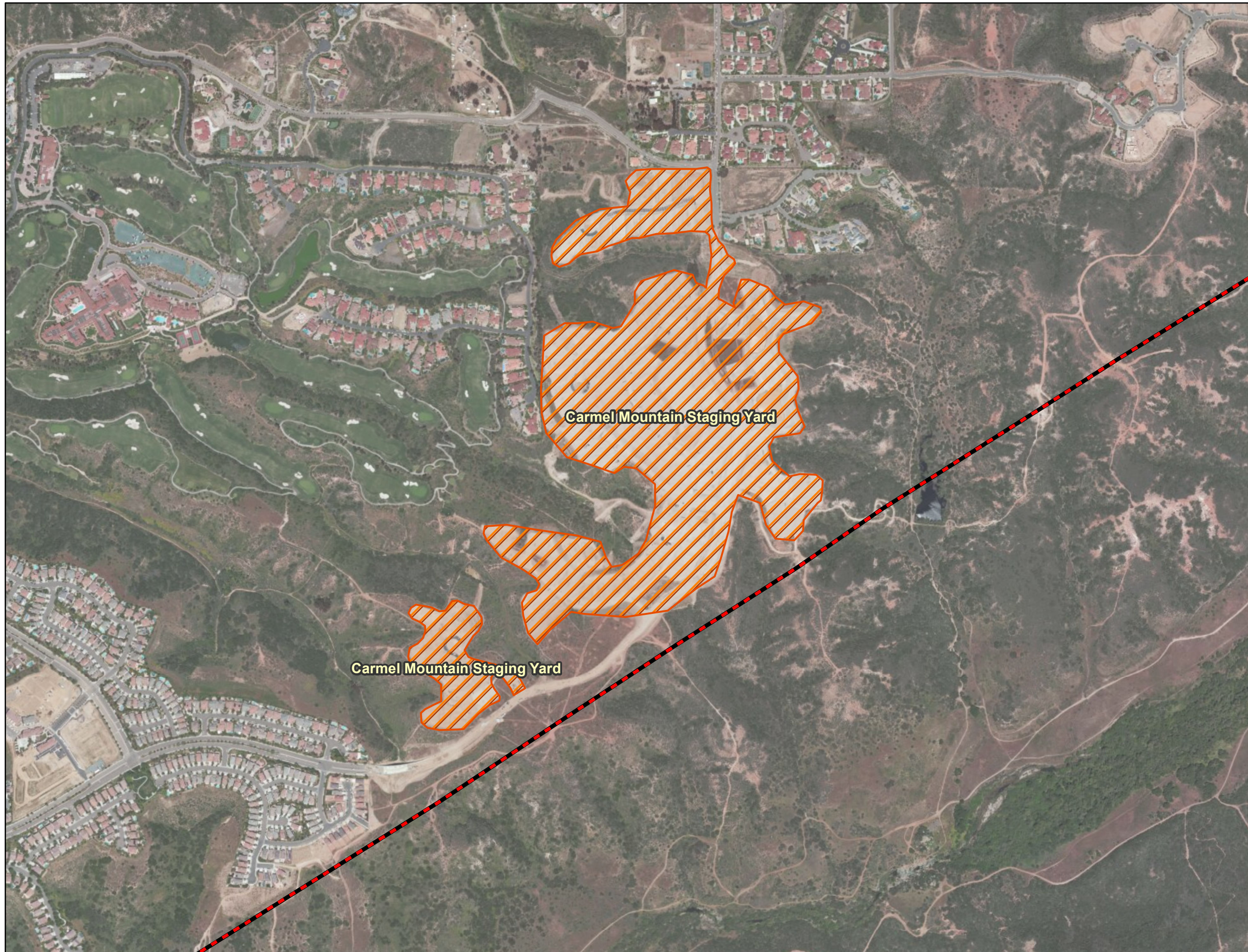
-  Proposed Route
-  Staging Yards

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A  utility
3/25/2014
0 500 1,000 1,500
Feet



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