



Chris Terzich
Environmental Project Manager
San Diego Gas & Electric Company
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(619) 838-8772

October 18, 2022

John Forsythe
Project Manager
California Public Utilities Commission
One Embarcadero Center, Suite 500
San Francisco, CA 94111

Re: Notice to Proceed (NTP) Request #2 for the Conversion of Circuit (C) 510 and C1448 and Removal of Transmission Line (TL) 666D of the Del Mar Reconfiguration Project (Project)

Dear Mr. Forsythe,

On June 13, 2019, the California Public Utilities Commission (CPUC) granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct the Project (Decision 19-06-013). The decision conditionally authorizes construction of the Project with the implementation of pre-construction mitigation measures and applicant-proposed measures identified in the Mitigation Monitoring and Reporting Program (MMRP).¹ In addition, a Coastal Development Permit was issued by the California Coastal Commission on October 11, 2020.

Activity Summary

SDG&E is formally requesting authorization from the CPUC to begin construction on the C510 and C1448 conversion portions of the Project, as well as the removal of TL666D. As depicted in Attachment A: NTP #2 Components Map, this work includes the following:

- **C510 Conversion:** Involves the conversion of approximately 3,900 feet of an existing overhead 12 kilovolt (kV) distribution circuit to an underground configuration within San Dieguito Drive and Racetrack View Drive, the removal of five existing distribution poles adjacent to Racetrack View Drive, and the installation of four new riser poles connecting the existing overhead to the new underground configuration.
- **C1448 Conversion:** Involves the conversion of approximately 630 feet of existing overhead 12 kV distribution line to an underground configuration within the Sorrento

¹ The MMRP is provided as Attachment 1 in Decision 19-06-013.

Valley Pedestrian/Multi-Use Path, as well as the removal of two existing wood distribution poles and installation of two new riser poles.

- **TL666D Removal:** Includes the removal of approximately six miles of overhead 69 kV transmission conductor and 34 existing poles between the Del Mar Substation and an existing riser pole at the intersection of Vista Sorrento Parkway and Pacific Plaza Drive. In addition to the removal, 51 existing wood poles and six existing steel poles will be topped, leaving the poles in place to support an existing 12 kV circuit and third-party telecommunications equipment.

Attachment B: Minor Project Refinement Request of this NTP request describes the Project design changes that were identified between the final engineering for the conversion of C510 and C1448 and the removal of TL666D, as well as the data utilized in the Project's Final Initial Study/Mitigated Negative Declaration (IS/MND).² In addition, the Minor Project Refinement Request provides justification for why these changes are needed, analyzes the environmental impacts of the changes, and includes a comparison mapbook of the changes. These changes have been incorporated into Attachment A: NTP #2 Components Map.

The conversion of C510 and C1448 and the removal of TL666D will occur in accordance with the Final IS/MND. The information provided in Sections 4.5 and 4.6 of the Final IS/MND includes specific details pertaining to underground and overhead construction methods, temporary work areas, and materials staging and storage. Upon completion of construction activities requested under this NTP, all areas of temporary disturbance will be recontoured and restored to near pre-construction conditions. Cleanup work will include the removal of any temporary facilities not required for other approved Project activities, as well as the collection and proper disposal of any waste, trash, or debris.

The conversion of C510 and C1448 and the removal of TL666D are anticipated to take approximately nine months from initial mobilization to construction completion, beginning in November 2022 and estimated to end in August 2023.

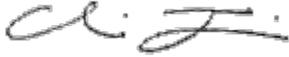
Pre-Construction Measures

A list of all pre-construction measures identified in the Project's MMRP is provided in Attachment C: Pre-Construction Status Report of this NTP request. Attachment C: Pre-Construction Status Report provides the full text of the measures, as well as the corresponding completion status with details. All applicable pre-construction measure obligations have been fulfilled, with the exception of pre-construction measures which must be implemented immediately prior to construction, as described in Attachment C: Pre-Construction Status Report.

SDG&E respectfully requests authorization of this NTP request by August 22, 2022 in order to begin establishing the staging yards and commencing construction activities in September 2022. Should you have any questions or need additional information, please do not hesitate to contact me at (619) 838-8772.

² TL674A Reconfiguration and TL666D Removal Project, Final IS/MND, March 2019.

Sincerely,



Chris Terzich
Environmental Project Manager
SDG&E

CC: Silvia Yanez, WSP USA
Fernando Guzman, WSP USA
Cassie Olivera, WSP USA
Gretchen Chaney, SDG&E
Todd Voorhees, SDG&E
Kelly Stallings, SDG&E
Gerard Ellison, SDG&E
Erin Keochekian, Insignia Environmental (Insignia)
Adam Lievers, Insignia

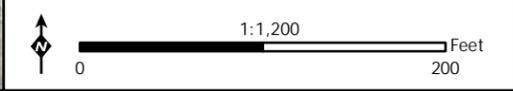
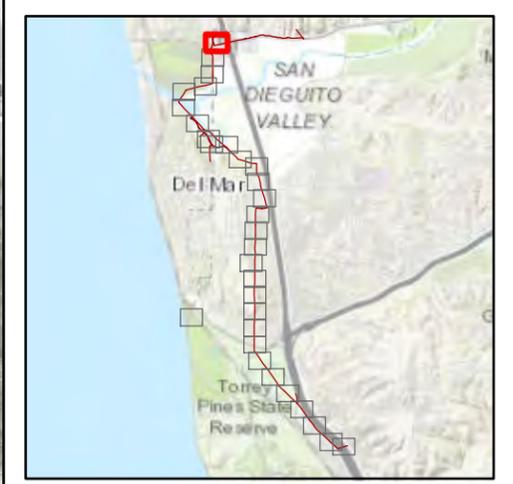
Enclosure:
Attachment A: NTP #2 Components Map
Attachment B: Minor Project Refinement Request
Attachment C: Pre-Construction Status Report

ATTACHMENT A: NTP #2 COMPONENTS MAP

**Attachment A:
NTP #2 Components Map
Map 1 of 31**

Del Mar Reconfiguration Project

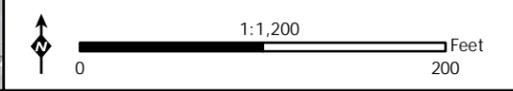
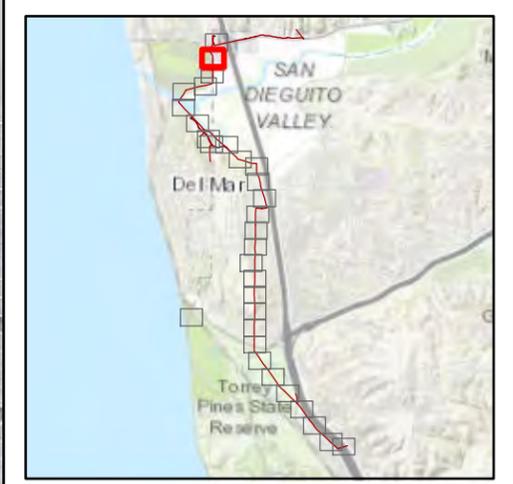
-  Del Mar Substation
-  Top Existing Wood Pole
-  Top and Replace with Steel Pole
-  Remove Pole from Service
-  Guard Structure
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Underground Power Line
-  Stringing Site
-  Work Area



**Attachment A:
NTP #2 Components Map
Map 2 of 31**

Del Mar Reconfiguration Project

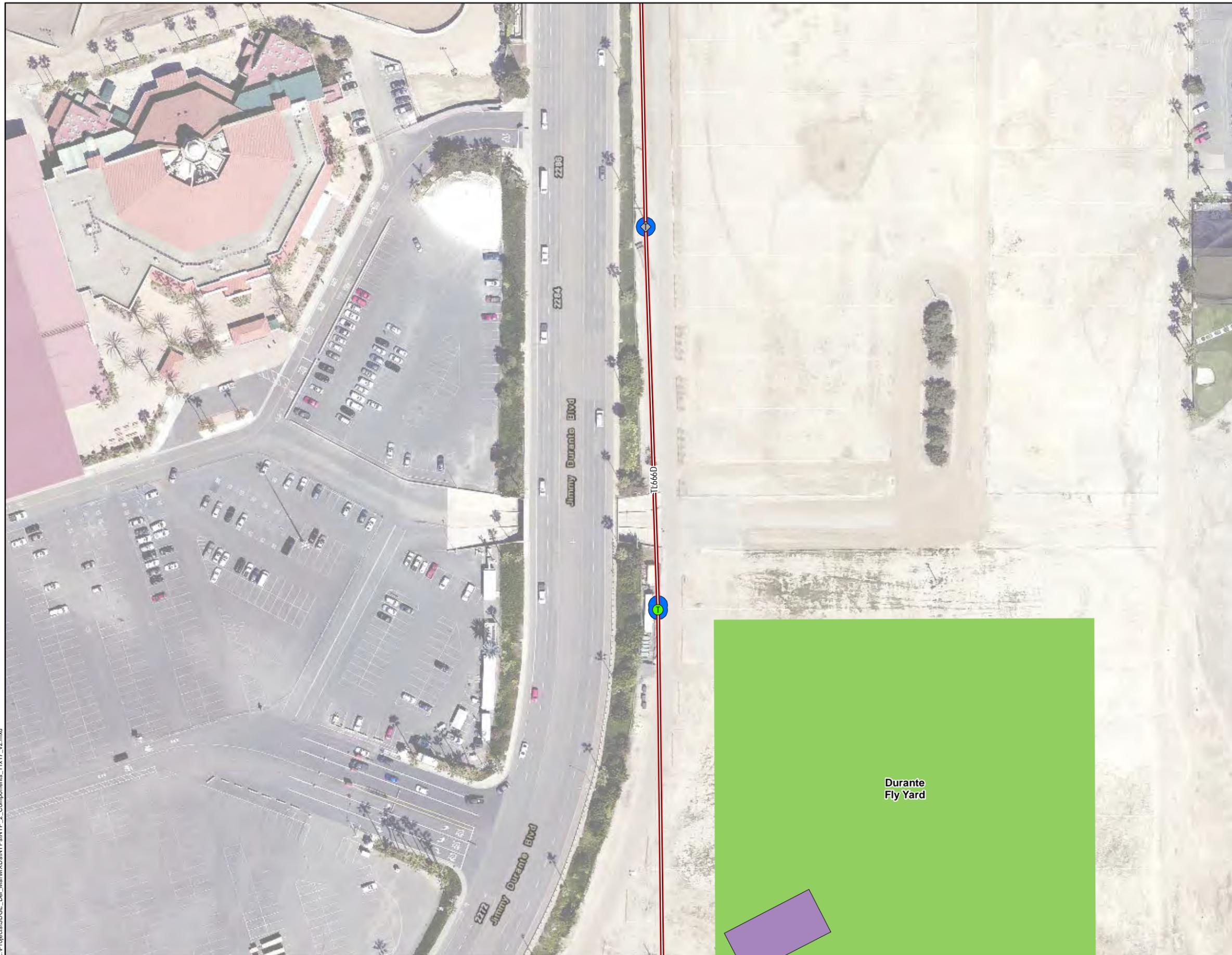
-  Top Existing Wood Pole
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Stringing Site
-  Work Area



Attachment A: NTP #2 Components Map Map 3 of 31

Del Mar Reconfiguration Project

-  Top Existing Steel Pole
-  Top and Replace with Steel Pole
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Stringing Site
-  Fly Yard/Staging Yard
-  Work Area

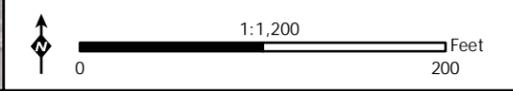


**Attachment A:
NTP #2 Components Map
Map 4 of 31**

Del Mar Reconfiguration Project

-  Top and Replace with Steel Pole
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Stringing Site
-  Fly Yard/Staging Yard
-  Work Area

Durante
Fly Yard

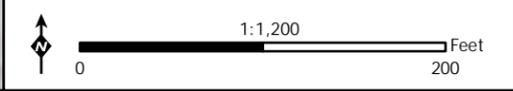


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**Attachment A:
NTP #2 Components Map
Map 5 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Top and Replace with Steel Pole
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Temporary Footpath
-  Stringing Site
-  Work Area

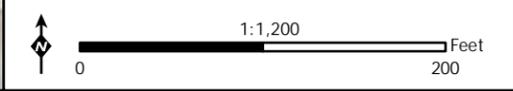


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**Attachment A:
NTP #2 Components Map
Map 6 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Replace Wood Pole with Steel
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area



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**Attachment A:
NTP #2 Components Map
Map 7 of 31**

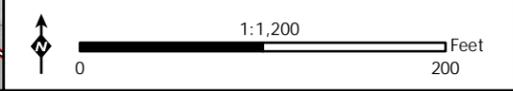
Del Mar Reconfiguration Project

- Ⓡ New Wood Riser Pole
- Ⓢ Remove Pole from Service
- Ⓜ Remove Pole from Service with Helicopter
- H New Hand Hole
- T New Transformer
- H Remove Existing Hand Hole
- New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
- Remove 12 kV Overhead
- Remove 69 kV Overhead, Retain 12 kV Overhead
- Remove 69 kV and 12 kV Overhead
- ⋯ Existing Access Road
- ⋯ Temporary Footpath
- Drop Zone
- Work Area



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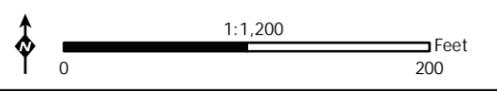
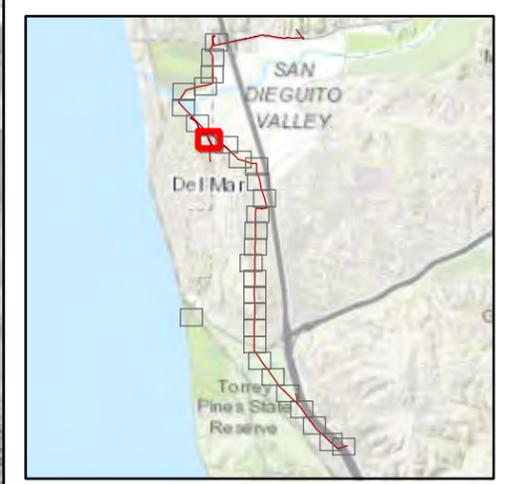


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**Attachment A:
NTP #2 Components Map
Map 8 of 31**

Del Mar Reconfiguration Project

-  Existing Wood Pole
-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  Existing Hand Hole
-  New Hand Hole
-  Existing 12 kV Overhead
-  New 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area

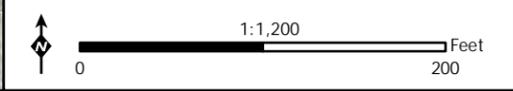
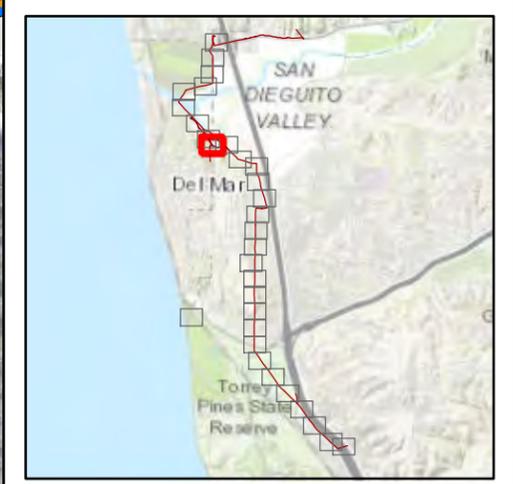


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**Attachment A:
NTP #2 Components Map
Map 9 of 31**

Del Mar Reconfiguration Project

-  Existing Wood Pole
-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  Existing Hand Hole
-  New Hand Hole
-  Existing 12 kV Overhead
-  New 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area

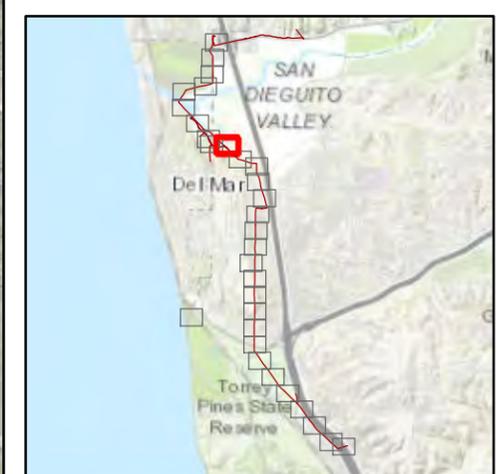


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**Attachment A:
NTP #2 Components Map
Map 10 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  New Steel Riser Pole
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  New Hand Hole
-  Guard Structure
-  Relocated 12 kV Overhead
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Existing Access Road
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area

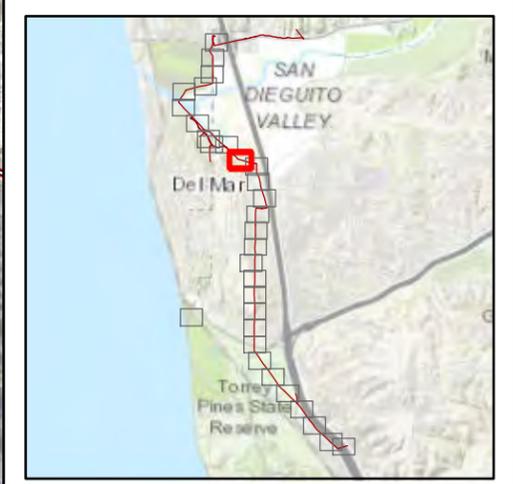


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**Attachment A:
NTP #2 Components Map
Map 11 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Relocated 12 kV Overhead
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Existing Footpath
-  Work Area

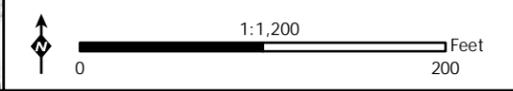
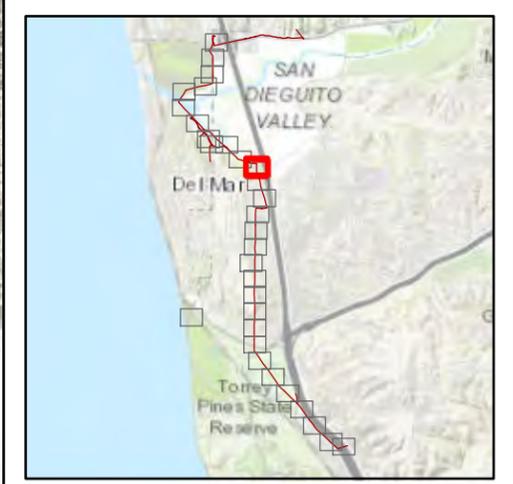
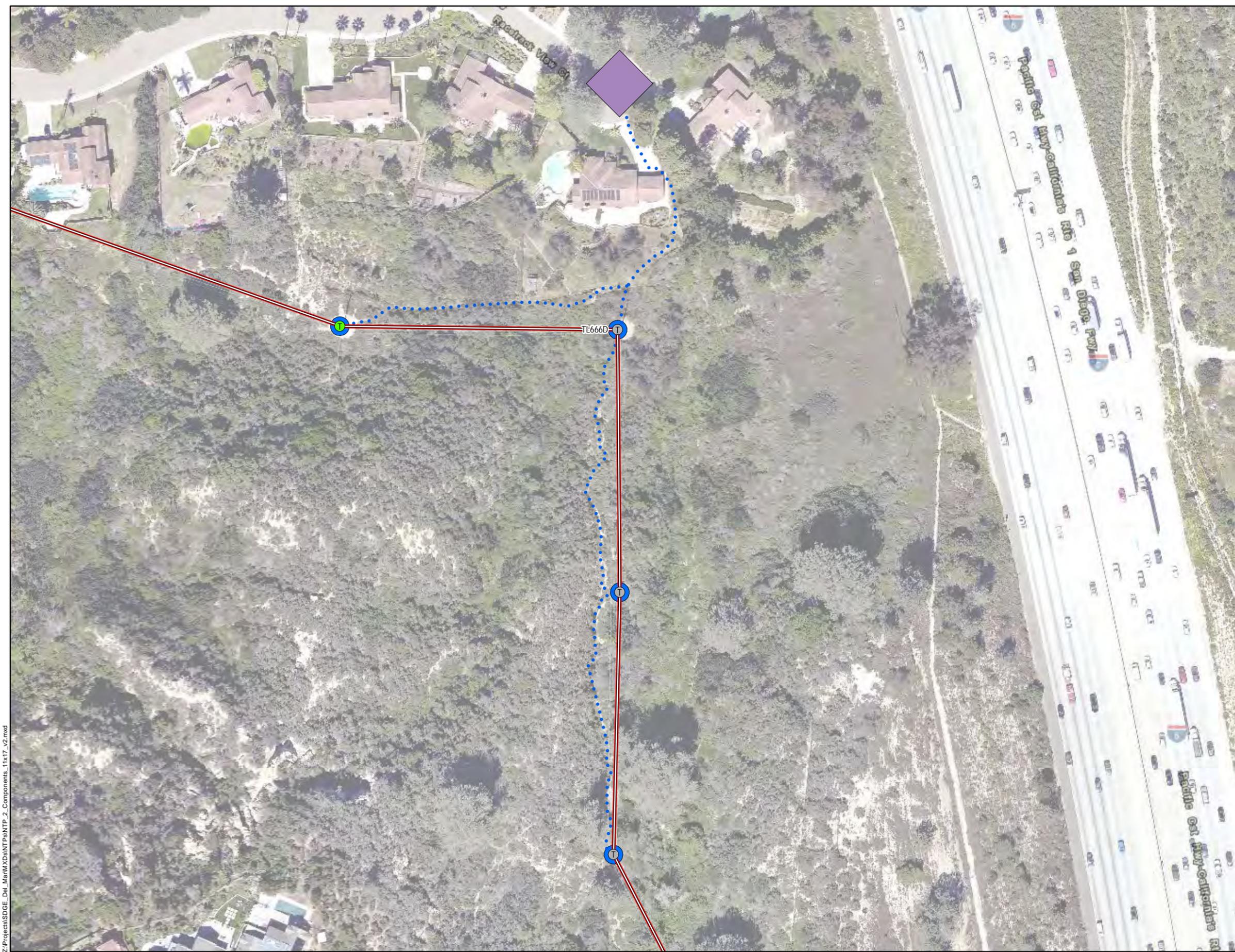


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**Attachment A:
NTP #2 Components Map
Map 12 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Top and Replace with Steel Pole
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Footpath
-  Stringing Site
-  Work Area

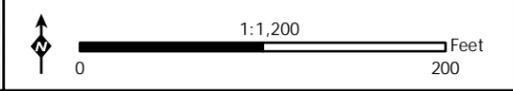
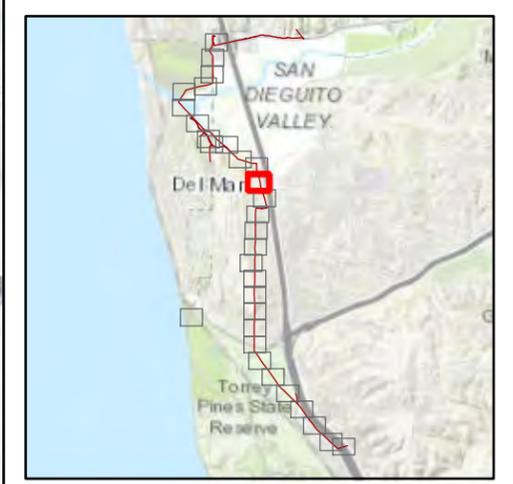


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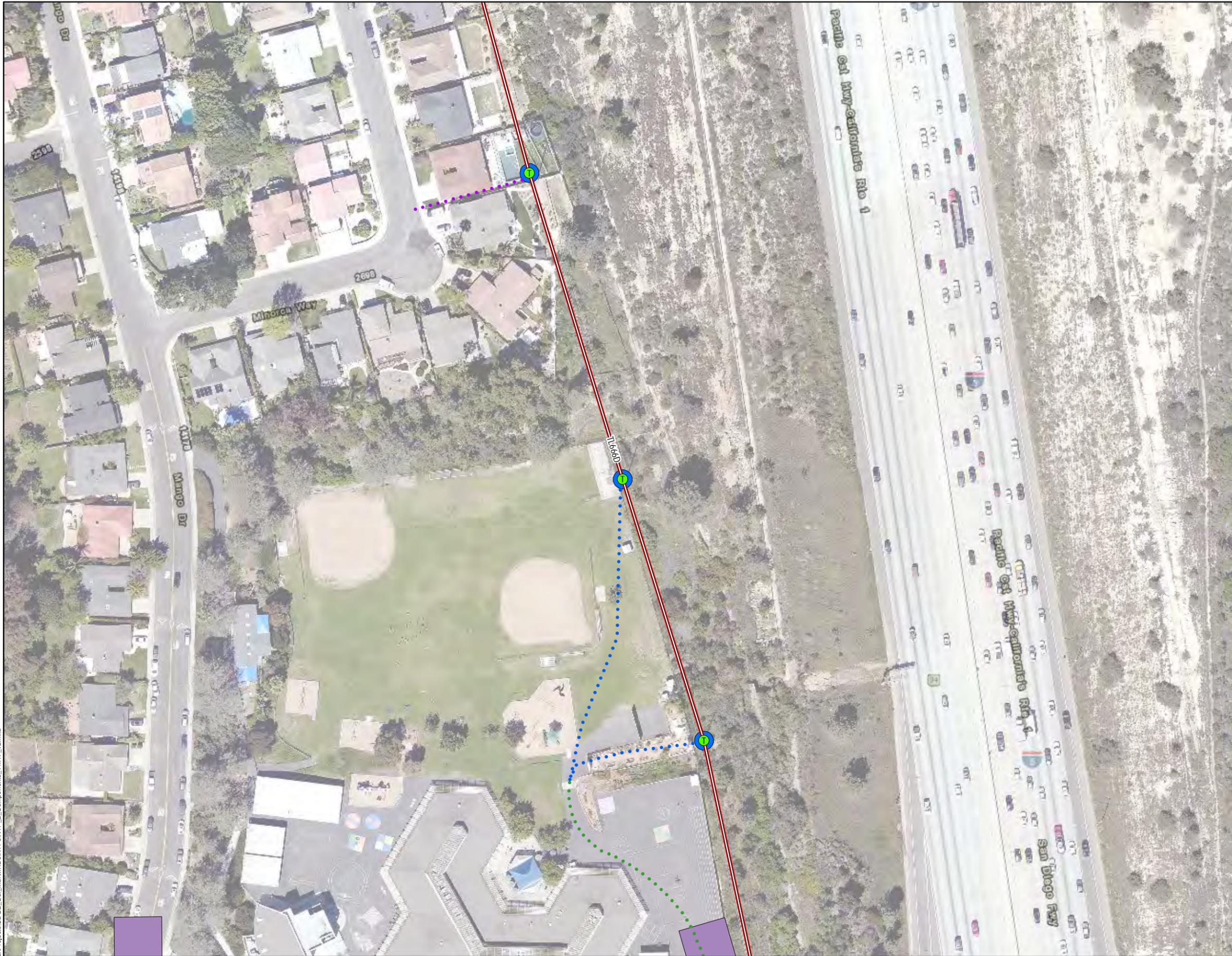
**Attachment A:
NTP #2 Components Map
Map 13 of 31**

Del Mar Reconfiguration Project

-  Top Existing Steel Pole
-  Top Existing Wood Pole
-  Top and Replace with Steel Pole
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Footpath
-  Temporary Footpath
-  Work Area



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**Attachment A:
NTP #2 Components Map
Map 14 of 31**

Del Mar Reconfiguration Project

- T Top and Replace with Steel Pole
- Remove 69 kV Overhead, Retain 12 kV Overhead
- Existing Access Road
- Existing Footpath
- Temporary Footpath
- Stringing Site
- Work Area



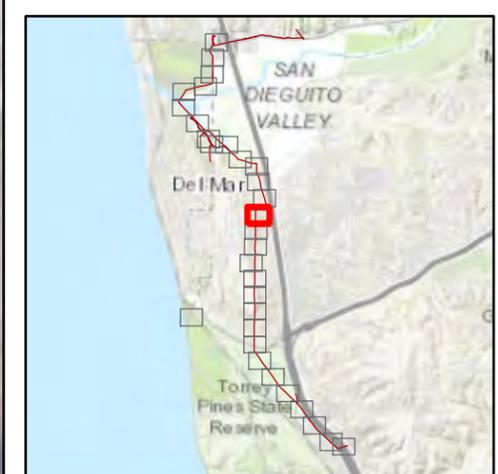
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**Attachment A:
NTP #2 Components Map
Map 15 of 31**

Del Mar Reconfiguration Project

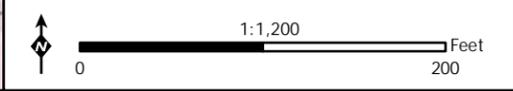
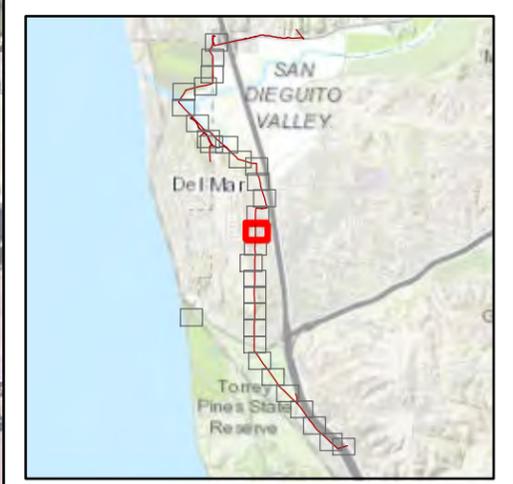
-  Top Existing Steel Pole
-  Top and Replace with Steel Pole
-  Replace Wood Stub Pole
-  Remove Wood Stub Pole
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Existing Footpath
-  Stringing Site
-  Work Area



**Attachment A:
NTP #2 Components Map
Map 16 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Top and Replace with Steel Pole
-  Guard Structure
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Work Area

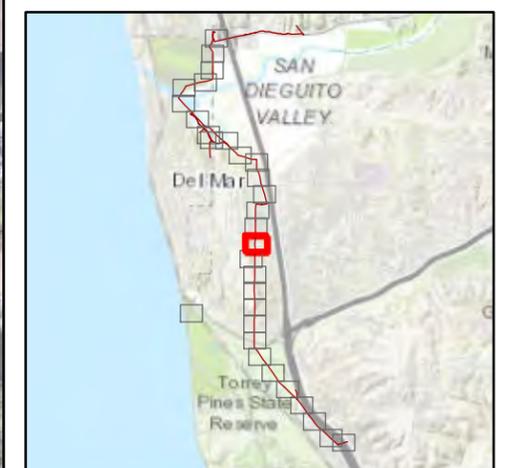


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**Attachment A:
NTP #2 Components Map
Map 17 of 31**

Del Mar Reconfiguration Project

-  Top Existing Wood Pole
-  Remove Pole from Service
-  Remove 69 kV Overhead
-  Existing Access Road
-  Work Area



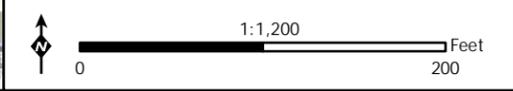
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**Attachment A:
NTP #2 Components Map
Map 18 of 31**

Del Mar Reconfiguration Project

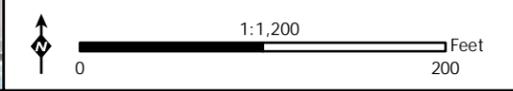
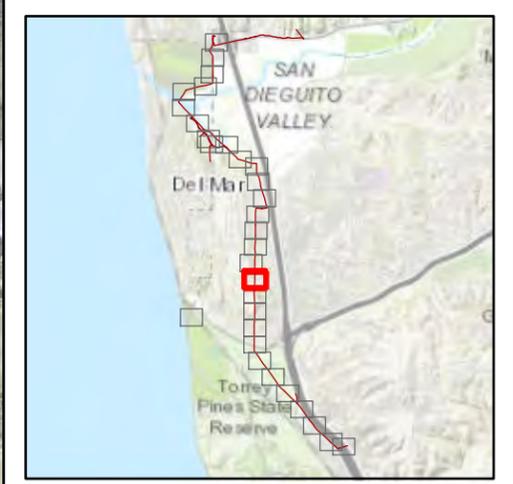
-  Remove Pole from Service
-  Remove 69 kV Overhead
-  Existing Access Road
-  Fly Yard/Staging Yard
-  Work Area



**Attachment A:
NTP #2 Components Map
Map 19 of 31**

Del Mar Reconfiguration Project

-  Remove Pole from Service with Helicopter
-  Remove 69 kV Overhead
-  Existing Footpath
-  Existing Footpath/ATV Access
-  Work Area

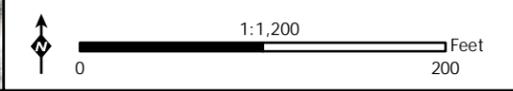
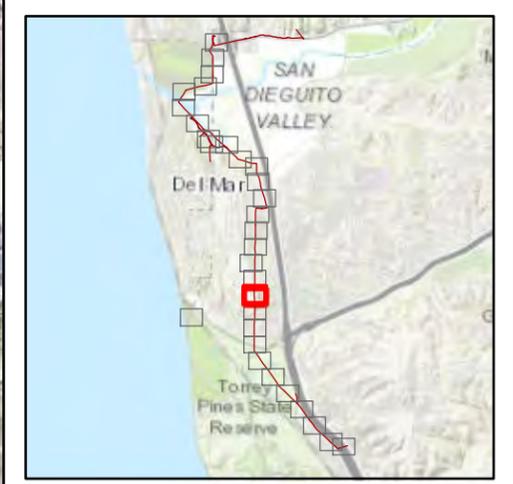


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**Attachment A:
NTP #2 Components Map
Map 20 of 31**

Del Mar Reconfiguration Project

-  Remove Pole from Service with Helicopter
-  Remove 69 kV Overhead
-  Existing Footpath
-  Existing Footpath/ATV Access
-  Work Area

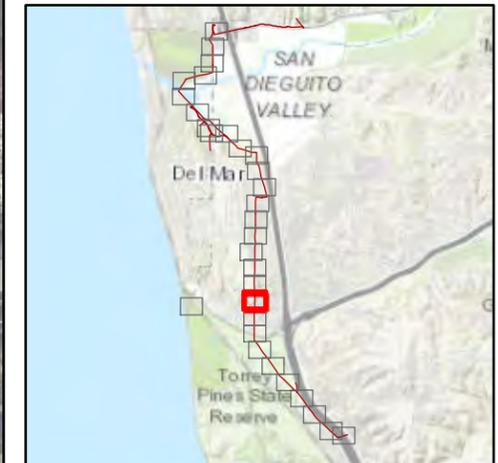


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**Attachment A:
NTP #2 Components Map
Map 21 of 31**

Del Mar Reconfiguration Project

-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  Remove 69 kV Overhead
-  Existing Footpath
-  Work Area



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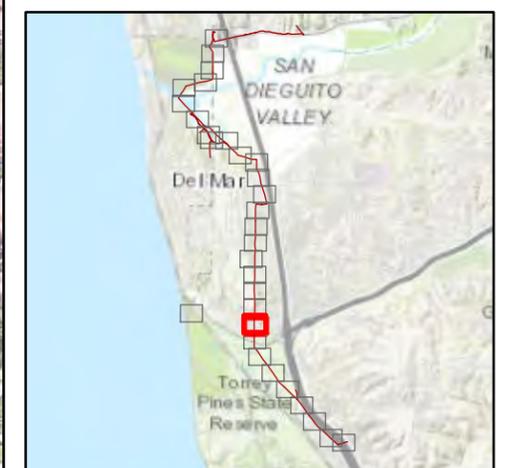
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**Attachment A:
NTP #2 Components Map
Map 22 of 31**

Del Mar Reconfiguration Project

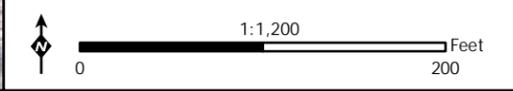
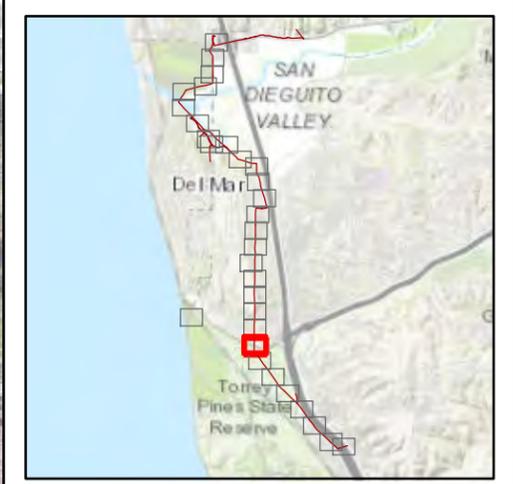
- Remove Pole from Service
- Remove 69 kV Overhead
- ⋯ Existing Footpath
- Work Area



**Attachment A:
NTP #2 Components Map
Map 23 of 31**

Del Mar Reconfiguration Project

- Remove Pole from Service
- ⊖ Remove Pole from Service with Helicopter
- ✕ Guard Structure
- Remove 69 kV Overhead
- ⋯ Temporary Footpath
- Drop Zone
- Stringing Site
- Work Area

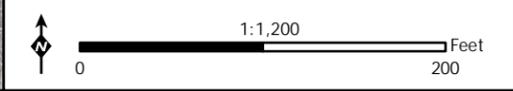
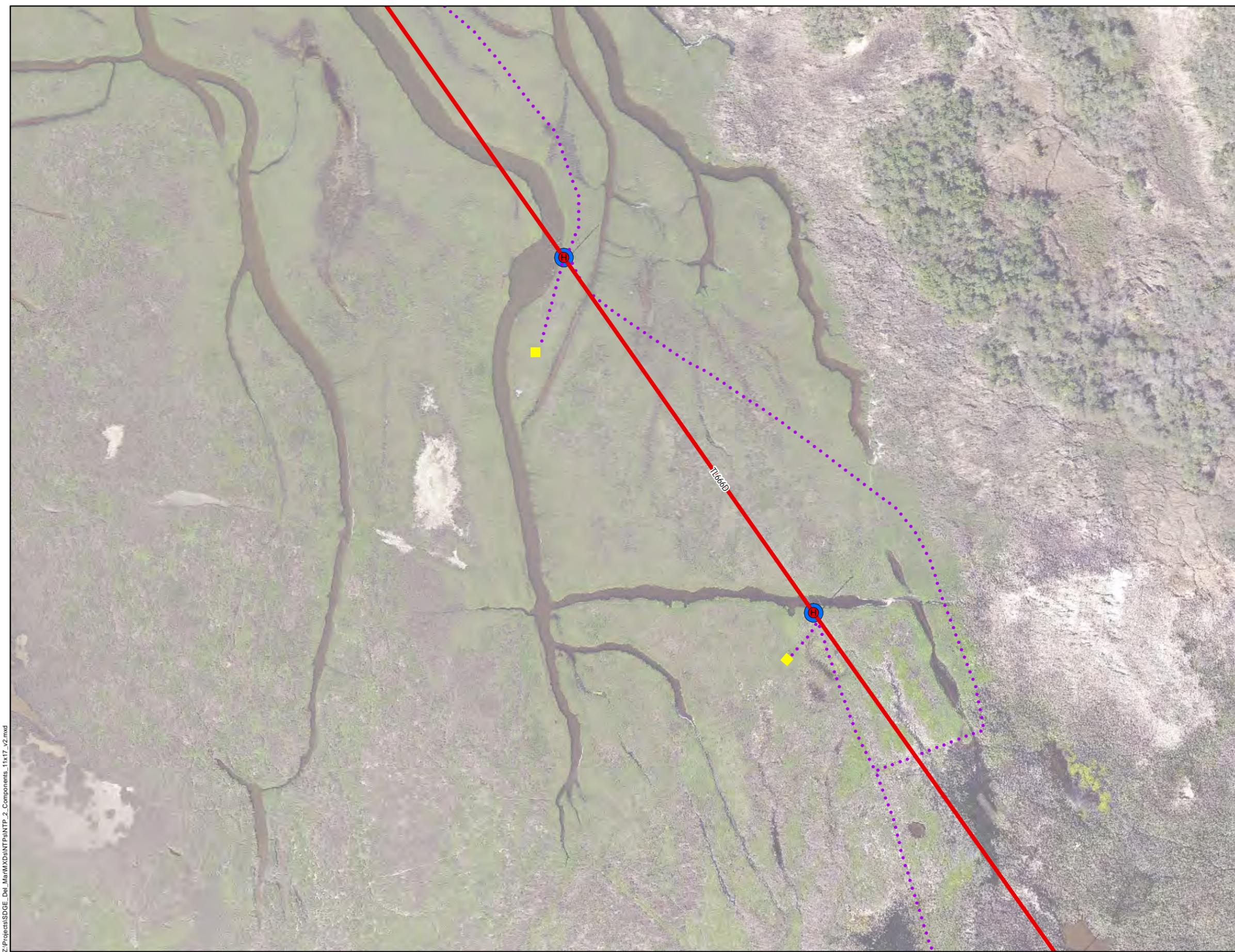


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**Attachment A:
NTP #2 Components Map
Map 24 of 31**

Del Mar Reconfiguration Project

-  Remove Pole from Service with Helicopter
-  Remove 69 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area

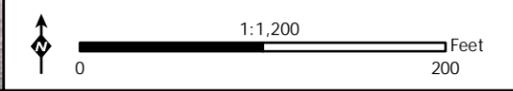


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Attachment A:
NTP #2 Components Map
Map 25 of 31

Del Mar Reconfiguration Project

-  Remove Pole from Service with Helicopter
-  Remove 69 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area

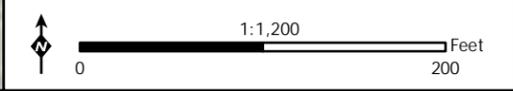


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**Attachment A:
NTP #2 Components Map
Map 26 of 31**

Del Mar Reconfiguration Project

- Ⓡ New Wood Riser Pole
- Ⓡ Remove Pole from Service with Helicopter
- Ⓜ New Hand Hole
- - - New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
- Remove 69 kV Overhead
- · · Temporary Footpath
- Drop Zone
- Stringing Site
- Work Area

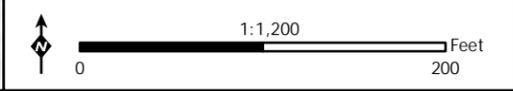
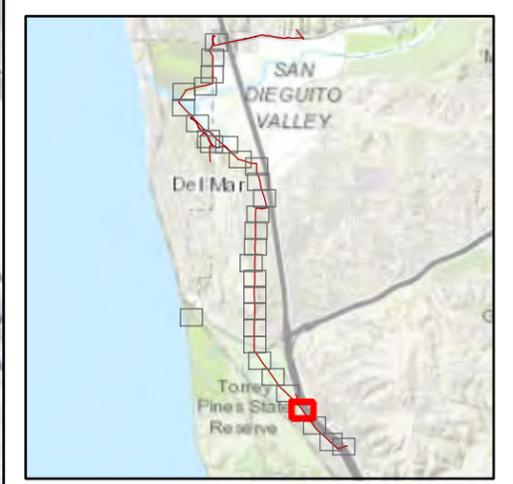


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**Attachment A:
NTP #2 Components Map
Map 27 of 31**

Del Mar Reconfiguration Project

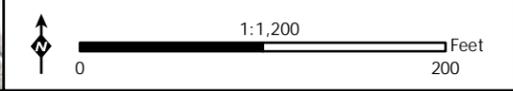
-  Reconfigure Wood Pole Hardware
-  Top Existing Steel Pole
-  New Wood Riser Pole
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Temporary Footpath
-  Stringing Site
-  Work Area



**Attachment A:
NTP #2 Components Map
Map 28 of 31**

Del Mar Reconfiguration Project

-  Top Existing Steel Pole
-  Top Existing Wood Pole
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Temporary Footpath
-  Work Area



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**Attachment A:
NTP #2 Components Map
Map 29 of 31**

Del Mar Reconfiguration Project

-  Reconfigure Wood Pole Hardware
-  Top Existing Steel Pole
-  Top Existing Wood Pole
-  Replace Wood Pole with Steel
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Stringing Site
-  Work Area



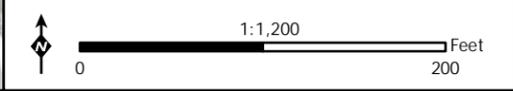
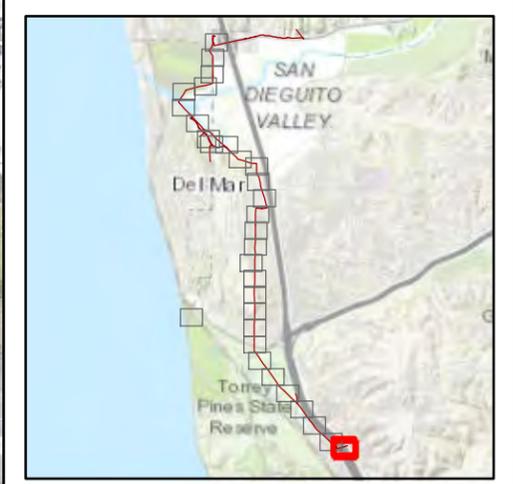
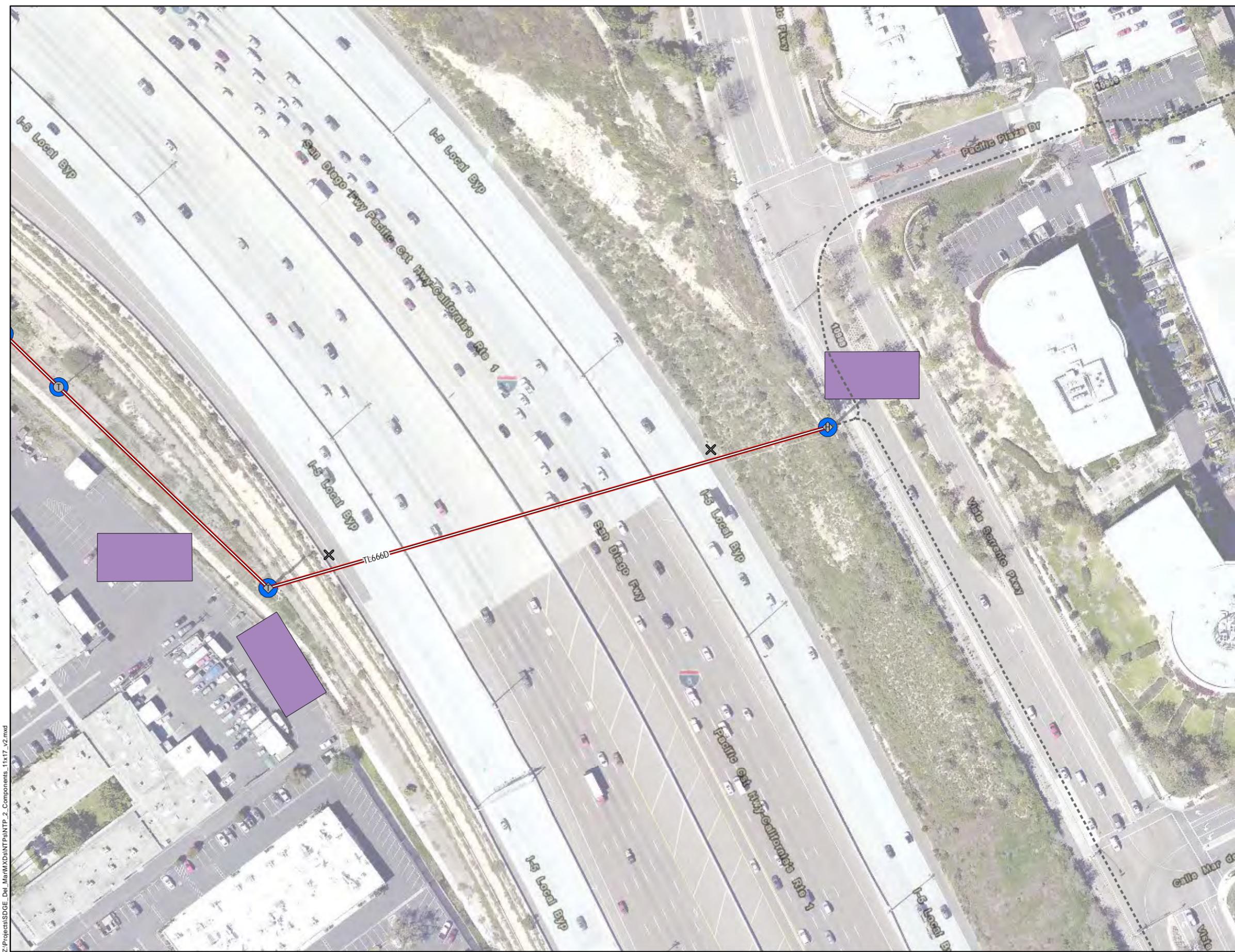
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ENVIRONMENTAL



**Attachment A:
NTP #2 Components Map
Map 30 of 31**

Del Mar Reconfiguration Project

-  Reconfigure Steel Pole Hardware
-  Top Existing Steel Pole
-  Top Existing Wood Pole
-  Guard Structure
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Underground Power Line
-  Stringing Site
-  Work Area



Attachment A:
NTP #2 Components Map
Map 31 of 31

Del Mar Reconfiguration Project

 Fly Yard/Staging Yard



ATTACHMENT B: MINOR PROJECT REFINEMENT REQUEST



Del Mar Reconfiguration Project CPUC Minor Project Refinement Form

Minor project refinements are strictly limited to changes that will not trigger an additional permit requirement (except local government ministerial permits and associated requirements), do not substantially increase the severity of a previously identified significant impact based on criteria used in the Final ISMND, create a new significant impact, are located within the geographic boundary of the study area of the Final ISMND, and that don't conflict with any mitigation measure or applicable law or policy.

Date Requested: October 18, 2022

Report No.: 4

Date Approval Requested By: November 11, 2022

Approval Agency: California Public Utilities Commission (CPUC)

Property Owner(s):

City of Del Mar, State of California, San Dieguito River Valley Land Conservancy, City of San Diego, Del Mar Union School District, and Boys and Girls Club of San Dieguito.

Location/Milepost: Circuit (C) 510 Handholes 115, 116, and 117; C510 Poles 13, 28, 45, 41, 59, 63, and 109; C510 Station Number (SN) 21+00 to SN 52+00; C1448 SN 100+00 to SN 106+00

Land Use/Vegetative Cover:

Urban/developed areas, disturbed habitat, Diegan coastal sage scrub, southern mixed chaparral, and valley and foothill grassland.

Sensitive Resources: The requested refinements will not result in any new impacts to sensitive resources beyond those identified in the Final Initial Study/Mitigated Negative Declaration (IS/MND).

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

Describe how project refinement deviates from current project.

This minor project refinement request includes the following 12 distinct changes from what was presented and/or described in the Final IS/MND for the Transmission Line (TL) 674A Reconfiguration and TL666D Removal Project (referred to herein as the Del Mar Reconfiguration Project [Project]):

- C510
 1. Shifting Handhole H133131 (Handhole 115) approximately six feet northwest.
 2. Shifting Handhole H133133 (Handhole 117) approximately eight feet northwest.
 3. Shifting Handhole H133134 (Handhole 118) approximately eight feet southeast.
 4. Adjusting the 12 kilovolt (kV) underground alignment and the associated work area within San Dieguito Drive to avoid existing utilities and to accommodate the relocation of an existing 2-inch natural gas main, including:
 - i. west from Handhole 115 to Transformer 114,
 - ii. east from SN 21+00 to SN 22+00,
 - iii. west from SN 25+00 to SN 38+00,
 - iv. south from SN 43+00 to SN 44+00,
 - v. addition of expanded work areas at three handhole locations (i.e., Handhole 115, 116, and 117) to accommodate the relocation of 158 linear feet of an existing 2-inch natural gas main located within San Dieguito Drive.
 5. Shifting Pole P253204 (Pole 28) approximately four feet southeast.
 6. Shifting Pole P61738 (Pole 109) approximately 10 feet east.
 7. Shifting Pole P252427 (Pole 41) approximately 45 feet west.
 8. Shifting Pole P294713 (Pole 35) approximately two feet west and reducing the foundation to a six-foot diameter to avoid a utility conflict.
- C1448
 9. Adjustments to the 12 kV underground alignment and the associated work areas, including shifting parts of the alignment farther east along Sorrento Valley Road.
- TL666D Removal from Service
 10. Shifting the conduit package approximately 10 feet of trenching east to extend to the new Pole Z97305 (Pole 13) location.
 11. Shifting the angle of approximately five feet of conduit to the new Pole Z95786 (Pole 59) location.
 12. Shifting the conduit package approximately 25 feet east to the new Pole Z90272 (Pole 63) location.

Construction activities associated with the proposed refinements will occur in accordance with the descriptions provided in Sections 4.5 and 4.6 of the Final IS/MND. The proposed C510 and C1448 refinements are required to avoid conflicts with

existing utilities and as a result of final engineering refinements. The proposed TL666D Removal from Service refinements are required to extend the existing conduit package to the new pole locations.

Attachment A: Compare Maps shows the Project components included in the Final IS/MND and the locations of the requested refinement areas.

As shown in Table 1: Temporary and Permanent Impacts, the refinements will result in a net increase of approximately 0.18 acre of temporary impacts and a net increase of approximately 0.01 acre of permanent impacts.

Table 1: Temporary and Permanent Impacts

Component	Approximate Dimensions		
	Length (feet)	Width (feet)	Acres
C510 Underground and Cable Poles	Various	Various	0.17
C1448 Underground	Various	Various	0.02
TL666D Removal	N/A	Various	-0.01

Applicable Project requirements that will be implemented during construction of the proposed refinements include the following mitigation measures (MMs) and applicant-proposed measures (APMs): APM BIO-05, APM PS-01, APM REC-01, APM REC-02, MM BR-1, MM BR-2, MM BR-3, MM BR-4, MM BR-5, MM BR-6, MM BR-7, MM BR-8, MM CUL-1, MM CUL-2, MM CUL-3, MM CUL-4, MM CUL-5, MM CUL-6, MM HAZ-1, MM NOI-1, MM NOI-2, and MM NOI-3.

Construction activities within the proposed refinement areas will be conducted in accordance with the applicable MMs and APMs listed previously, as well as all other applicable Project requirements, laws, regulations, and policies.

Resources:			
Biological	<input type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input checked="" type="checkbox"/> N/A, changes would not affect resources
<p>Previous Biological Survey Report Reference: As detailed in the <i>Biological Technical Report for the San Diego Gas & Electric Company TL674A Reconfiguration and TL666D Removal Project</i> (AECOM 2017), the requested refinement areas were included in baseline biological surveys and a jurisdictional waters assessment conducted in 2013; floristic-level rare plant surveys conducted in 2014, 2016, 2017, 2020, 2021, and 2022; focused surveys for western snowy plover and California least tern in 2014; focused surveys for light-footed clapper rail and Belding's savannah sparrow in 2014 and 2017; protocol-level surveys for California coastal gnatcatcher conducted in 2014 and 2017; protocol-level surveys for least Bell's vireo conducted in 2014; and Pacific pocket mouse surveys conducted in 2014.</p> <p>The Project area, including the refinement areas, were also included in focused surveys conducted for wandering skipper butterfly in 2017, as detailed in the <i>Survey Results for Wandering Skipper Butterfly for San Diego Gas & Electric Company TL674A Reconfiguration and TL666D Removal Project, Cities of San Diego and Del Mar, San Diego County, California</i> (Blackhawk Environmental, Inc. [Blackhawk] 2017).</p> <p>A pre-construction rare plant survey of the proposed refinement areas was conducted by Insignia Environmental in April 2022 and no resource concerns were observed. Additionally, biological monitoring was conducted during potholing activities for C510 and C1448 in February and March 2022. No resource concerns were observed.</p>			
Cultural	<input type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input checked="" type="checkbox"/> N/A, changes would not affect resources
<p>Previous Cultural Survey Report Reference: Cultural surveys of the Project area, including the refinement areas, were performed in 2017, as detailed in the <i>Cultural Resources Survey Report for the Proposed San Diego Gas & Electric TL674A Reconfiguration & TL666D Removal Project</i> (AECOM 2017). Five previously recorded resources are located within 100 feet of the proposed refinements (P-37-000193, P-37-036412, P-37-036413, P-37-036415, and P-37-036423). The resources include one multi-component site and four historic built environment resources. As described in the Final IS/MND, the Project was anticipated to potentially impact these five resources. With the implementation of MM CUL-1 through MM CUL-4, MM CUL 6, and the Project's Cultural Resources Monitoring Plan, the proposed changes would not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to cultural resources as identified in the Final IS/MND.</p>			
<p>Disturbance Acreage Changes: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Original disturbance acreage: 1.49 acres New disturbance acreage: 1.67 acres</p>			

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Geology, Soils, and Seismicity	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Geology, Soils, and Seismicity: The same geological conditions and hazards present along the Project right-of-way will be encountered within the requested refinement areas. As a result, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to geology, soils, and seismicity as identified in the Final IS/MND.</p> <p>Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to paleontological resources as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
		<p>The refined project components and the trench alignments are located in formations previously analyzed in the Final IS/MND, the Paleontological Technical Study, and the Project's Paleontological Monitoring Plan. Should significant paleontological resources be present in the geologic units impacted by the refinement's ground disturbance, their damage or destruction could constitute an adverse impact under the California Environmental Quality Act (CEQA).</p> <p>In accordance with MM CUL-5 and the Project's Paleontological Monitoring Plan, monitoring of all ground disturbance, including trenching, grading, cutting, and drilling that is 36-inches in diameter or greater, into previously undisturbed areas mapped as high paleontological potential is required. The implementation of this mitigation recommendation for ground disturbance associated with the proposed refinement will avoid adverse impacts to paleontological resources. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to paleontological resources as identified in the Final IS/MND.</p>
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No additional agency consultation is required to implement these refinements.
Hazards and Hazardous Materials	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>Summary of Proposed Project Refinement Impacts on Hazards and Hazardous Materials:</p> <p>The requested refinements do not overlay any areas included on a list of hazardous materials sites compiled pursuant to California Government Code Section 65962.5. Activities associated with construction and utilization of the refinement areas may generate hazardous waste materials or uncover contaminated soils and groundwater; however, in accordance with MM HAZ-1, a Hazardous Materials and Waste Management Plan was prepared for the Project, and implementation of this plan will minimize any potential impacts due to hazardous materials. In addition, implementation of SDG&E's Operations and Maintenance Wildland Fire Protection Plan will minimize impacts from wildland fires. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to hazards and hazardous materials as identified in the Final IS/MND.</p>
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No additional agency consultation is required to implement these refinements.
Hydrology and Water Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>Summary of Proposed Project Refinement Impacts on Hydrology and Water Quality:</p> <p>The requested refinements are located within an area already included in the Project's Storm Water Pollution Prevention Plan. In addition, the refinements will not substantially alter the drainage patterns of the area; redirect water flow; or increase the risk of exposure to tsunamis, seiches, or mudflows. As a result, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to hydrology and water quality as identified in the Final IS/MND.</p>
	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Agency Consultation?	<input checked="" type="checkbox"/> N	
Cultural Resources	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Cultural Resources:
	<input checked="" type="checkbox"/> N	<p>The requested refinements are located with the survey area of the <i>Cultural Resources Survey Report for the Proposed San Diego Gas & Electric TL674A Reconfiguration & TL666D Removal Project</i> (AECOM 2017).</p> <p>Five previously recorded resources are located within 100 feet of the proposed refinements (P-37-000193, P-37-036412, P-37-036413, P-37-036415, and P-37-036423). The resources include one multi-component site and four historic built environment resources. Three of these resources, P-37-000193 (multi-component site: historic debris and marine shell scatter), P-37-036415 (Transmission Line 666D), and P-37-036423 (Old Grand Avenue Bridge), are in an area of direct impact for refinement of the proposed 12kV underground line, while the remaining two should not be impacted.</p> <p>P-37-036412 (Historic single-family structure), P-37-036413 (Historic single-family structure), P-37-036415, and P-37-036423 were evaluated for the Project and found to be not eligible for the California Register of Historic Resources (CRHR). P-37-000193 was considered a historical resource pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15064.5.</p> <p>As described in the Final IS/MND, the Project was anticipated to potentially impact these five resources, however, only P-37-000193 is considered a historical resource. With the implementation of MM CUL-1 through MM CUL-4, MM CUL-6, and the Project's Cultural Resources Monitoring Plan, construction will not significantly impact cultural resources within and near the proposed refinements. In accordance with MM CUL-1, buffers will be placed around known archaeological sites of significance, and monitors will be present in these locations to ensure that damage to these resources is avoided or minimized.</p> <p>Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to cultural resources as identified in the Final IS/MND.</p>
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No additional agency consultation is required to implement these refinements.

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Transportation and Traffic	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Transportation and Traffic:</p> <p>Temporary lane closures of Mango Drive, San Dieguito Drive, Racetrack View Drive, and Jimmy Durante Boulevard and disruptions to bicycle and pedestrian access on the Sorrento Valley Pedestrian/Multi-Use Path were contemplated in the Final IS/MND. Construction activities and lane/sidewalk closures associated with the requested refinement areas will be conducted in accordance with Traffic Control Permits obtained from the City of San Diego and City of Del Mar, which will minimize potential disruptions to emergency vehicle access and traffic flow. A travel lane will be maintained on Racetrack View Drive and San Dieguito Drive at all times. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to transportation and traffic as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Air Quality	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Air Quality:</p> <p>Activities associated with utilization of the requested refinement areas (e.g., the types of equipment used and the number of truck trips) will be consistent with those discussed in the Final IS/MND and will not result in additional air emissions beyond what was analyzed. Additional trenching may result in a minor increase in air quality impacts for the localized area; however, this activity will be short-term and temporary, and no additional sensitive receptors will be affected. The requested refinement areas are located within 100 feet of previously identified sensitive receptors (i.e., residences on Racetrack View Drive, San Dieguito Drive, and Mango Drive as well as the Del Mar Hills Academy school); however, potential air quality impacts to sensitive receptors located directly adjacent to the Project area were analyzed in the Final IS/MND. Although vehicle and heavy equipment use and ground disturbance will occur within the requested refinement areas, these activities will be short-term and temporary and will not expose sensitive receptors to substantial pollutant concentrations. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to air quality as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Agriculture and Forestry	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Agriculture and Forestry:</p> <p>None of the requested refinements will conflict with or preclude agricultural uses on land zoned Agricultural Residential or affect any Williamson Act contract lands. In addition, there are no designated forest lands on or around the Project. As a result, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to agriculture and forestry as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Greenhouse Gas Emissions	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Greenhouse Gas (GHG) Emissions: Activities associated with construction and utilization of the requested refinement areas (e.g., the types of equipment used and the number of truck trips) will be consistent with those discussed in the Final IS/MND and will not increase GHG emissions beyond what was analyzed. In addition, the refinements will not conflict with any of the plans, policies, or actions adopted for the purpose of reducing GHG emissions. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to GHG emissions as identified in the Final IS/MND.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Land Use and Planning	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Land Use and Planning: The requested refinements will not establish permanent barriers that could divide established communities or isolate land uses. Therefore, the requested refinements will not substantially conflict with the applicable land use plans, policies, or regulations of an agency with jurisdiction over the Project. In conclusion, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to land use and planning as identified in the Final IS/MND.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Mineral Resources	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Mineral Resources: The requested refinements are not located in areas classified as containing or likely to contain mineral resources and will not affect locally important mineral resource recovery sites. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to mineral resources as identified in the Final IS/MND.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Population and Housing	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Population and Housing: The requested refinements will be constructed and utilized by the same number of crew members as described in the Final IS/MND for construction of the Project. In addition, these refinements will not result in the construction of replacement housing or the displacement of any residents or housing. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to population and housing as identified in the Final IS/MND.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Public Services and Utilities	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Public Services and Utilities:</p> <p>The proposed refinements will have the same level of impacts to public services and utilities as analyzed in the Final IS/MND for construction of the Project. The refinements will not increase service ratios, response times, or other performance objectives for emergency services; they also will not result in any increased pressure on schools, parks, or other public facilities beyond what was analyzed in the Final IS/MND. Therefore, the proposed refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to public services and utilities as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Recreation	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Recreation:</p> <p>As described in the Final IS/MND, a portion of the Project was anticipated to cross the San Dieguito Lagoon Ecological Preserve and the Sorrento Valley Pedestrian/Multi-Use Path. The refinements within these areas will not result in any additional temporary impacts to the use or access of these recreational facilities. In addition, implementation of APM REC-01 and APM REC-02 will provide advance notification to recreational facilities managers and the public regarding any temporary access restrictions that may be required. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously identified impact to recreation as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Tribal Cultural Resources	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Tribal Cultural Resources:</p> <p>No tribal cultural resources were identified within the refinement areas. Tribal consultation has occurred for the Project, and coordination with interested Native American tribes will continue throughout all phases of the Project, as deemed necessary. If any unanticipated tribal cultural resources are identified within the refinements, treatment will occur as described in MM CUL-4. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to tribal cultural resources as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Utilities and Service Systems	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Utilities and Service Systems:</p> <p>Use of the requested refinement areas will not exceed wastewater treatment requirements or result in the construction of new water-related facilities or the expansion of existing water-related facilities. In addition, the refinements will not increase the amount of water needed or the amount of wastewater generated on the Project. All solid and hazardous waste disposal associated with the refinement areas will comply with federal, state, and local statutes and regulations. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to utilities and service systems as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Noise and Vibration	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Noise and Vibration:</p> <p>Construction-related noise will be generated within the requested refinement areas due to ground disturbance and large equipment operation. Use of the refinement areas may result in temporary increases in noise levels; however, construction activities will be short-term and temporary at any given location. The requested refinement areas are located within 50 feet of sensitive receptors (i.e., residences on Racetrack View Drive, San Dieguito Drive, and Mango Drive, as well as the Del Mar Hills Academy); however, potential noise impacts to sensitive receptors located directly adjacent to the Project area were analyzed in the Final IS/MND. In addition, potential noise impacts will be reduced with the implementation of MM NOI-1, MM NOI-2, and MM NOI-3. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to noise as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	
Aesthetics	<input type="checkbox"/> Y	<p>Summary of Proposed Project Refinement Impacts on Aesthetics:</p> <p>The requested refinements will result in visual impacts similar to those described in the Final IS/MND. The minor shifts to cable poles on C510 will not further impact views from San Dieguito Drive or the visual character of the area beyond what was analyzed in the Final IS/MND. The remainder of the refinements may temporarily impact the visual character of the surrounding areas due to additional ground disturbance and the presence of construction equipment and personnel; however, these activities will be limited in duration, and the areas will be restored to pre-construction conditions where feasible. In the event that construction lighting is required during construction activities associated with the refinement areas, MM BR-7 will be implemented as required. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to aesthetics as identified in the Final IS/MND.</p>
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	

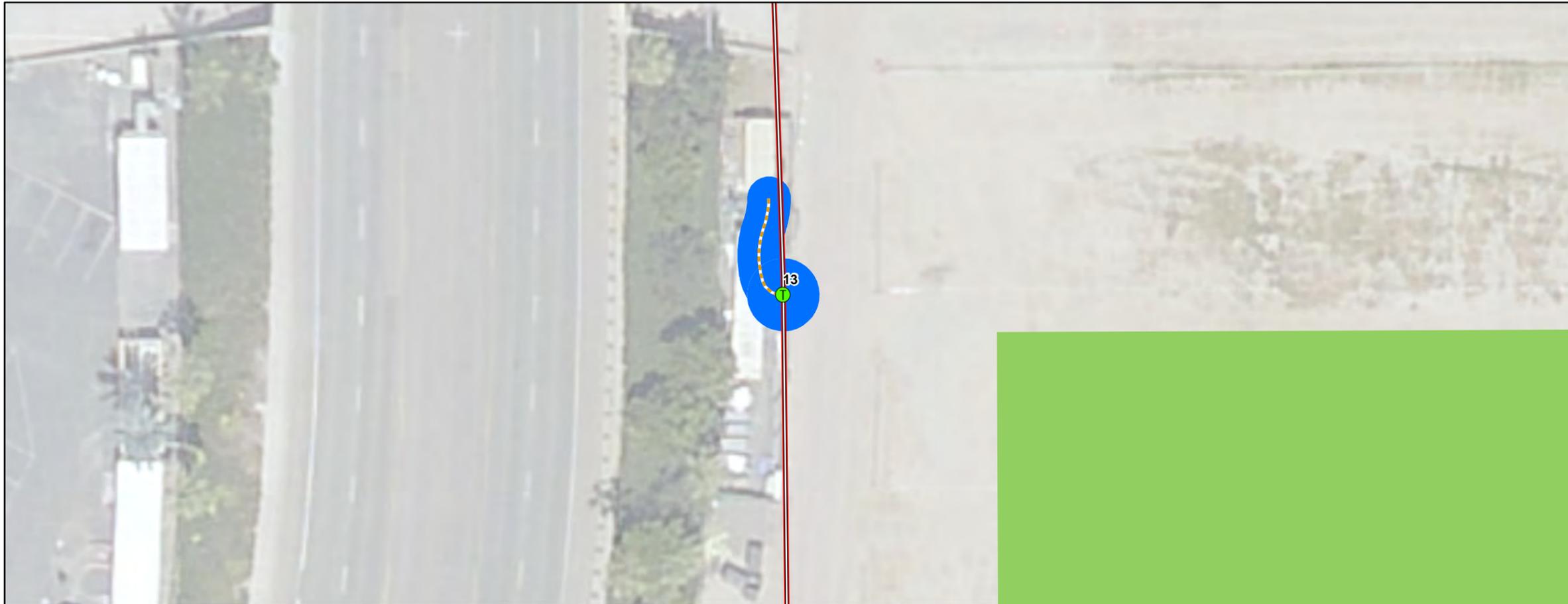
CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Biological Resources	<input type="checkbox"/> Y	Summary of Proposed Project Refinement Impacts on Biological Resources:
	<input checked="" type="checkbox"/> N	<p>The requested refinements are located within the biological study areas for surveys included in the <i>Biological Technical Report for the San Diego Gas & Electric Company TL674A Reconfiguration and TL666D Removal Project</i> (AECOM 2017), as well as the biological study areas for the <i>Survey Results for Wandering Skipper Butterfly for San Diego Gas & Electric Company TL674A Reconfiguration and TL666D Removal Project, Cities of San Diego and Del Mar, San Diego County, California</i> (Blackhawk 2017), the <i>Bat Survey Results for the Del Mar Reconfiguration Project Memo</i> (Insignia Environmental [Insignia] 2020), and the <i>2022 Rare Plant Survey for the Del Mar Reconfiguration Project</i> (Insignia 2022). The requested refinements were also reviewed by a biologist in June 2022; no resource concerns were observed within the refinement areas.</p> <p>The refinements will result in a minor increase of approximately 0.19 acre in temporary impacts and approximately 0.01 acre of permanent impacts, which includes:</p> <ul style="list-style-type: none"> • an increase in permanent impacts of approximately 0.01 acre to urban/developed areas; • an increase in temporary impacts of approximately 0.01 acre to disturbed habitat; • an increase in temporary impacts of approximately 0.15 acre to urban/developed areas; • a decrease in temporary impacts of approximately 0.01 acre to Diegan coastal sage scrub habitat; • an increase in temporary impacts of approximately 0.01 acre to southern mixed chaparral habitat; and • an increase in temporary impacts of approximately 0.02 acre to valley and foothill grassland. <p>Impacts to native vegetation were contemplated in the Final IS/MND, and restoration of impacts to southern mixed chaparral will occur in accordance with MM BR-5 and the Project's Natural Communities, Protected Tree, and Plant Protection Plan (NCPTPPP). Impacts to valley and foothill grassland were not contemplated in the Final IS/MND; however, the additional impacts to valley and foothill grassland will be restored in accordance with the measures provided in the NCPTPPP.</p> <p>All biological MMs and APMs—as well as permit and plan conditions—will be implemented as applicable to minimize or mitigate for any additional impacts. Therefore, the refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to biological resources as identified in the Final IS/MND.</p>
Agency Consultation?	<input type="checkbox"/> Y	No additional agency consultation is required to implement these refinements.
	<input checked="" type="checkbox"/> N	

Attachment A: Compare Maps

Del Mar Reconfiguration Project

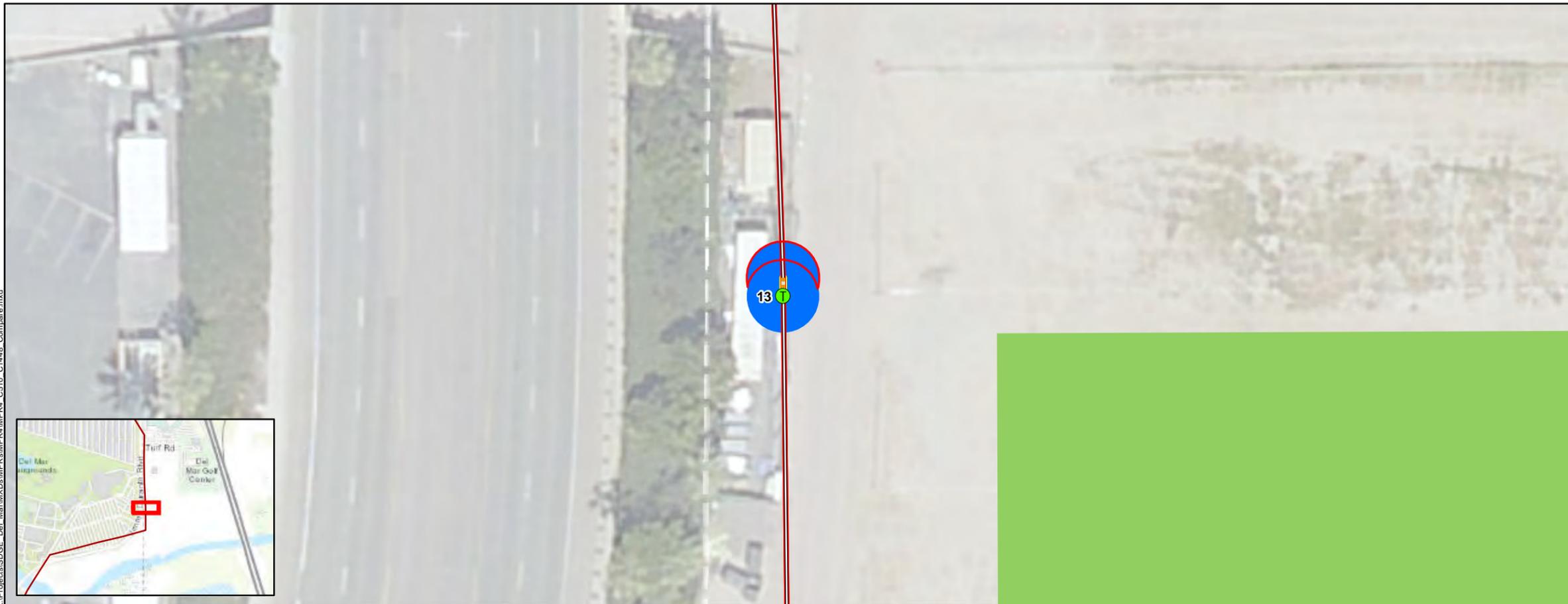
Approved Design

-  Top and Replace with Steel Pole
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Fly Yard/Staging Yard
-  Work Area



Proposed Final Design

-  Top and Replace with Steel Pole
 -  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
 -  Remove 69 kV Overhead, Retain 12 kV Overhead
 -  Fly Yard/Staging Yard
 -  Work Area
- MPR Locations**
-  Work Area
 -  Shifted 12kV Underground

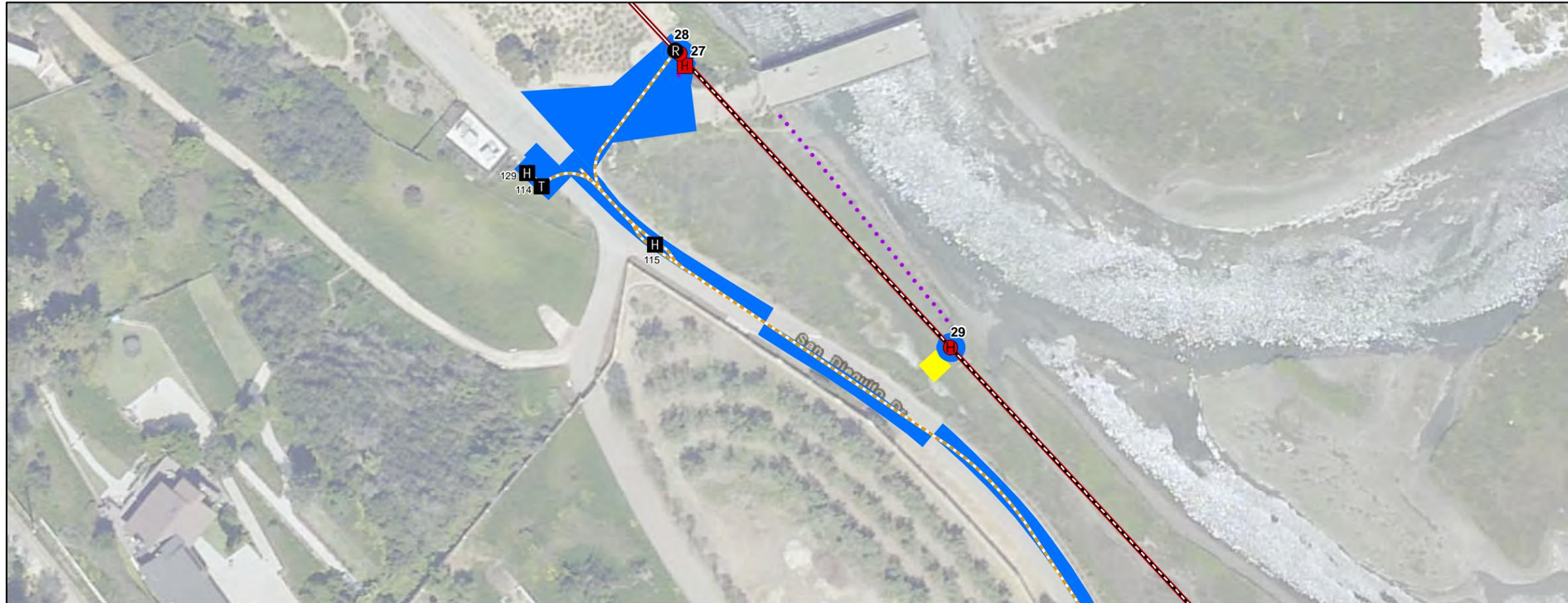



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Del Mar Reconfiguration Project

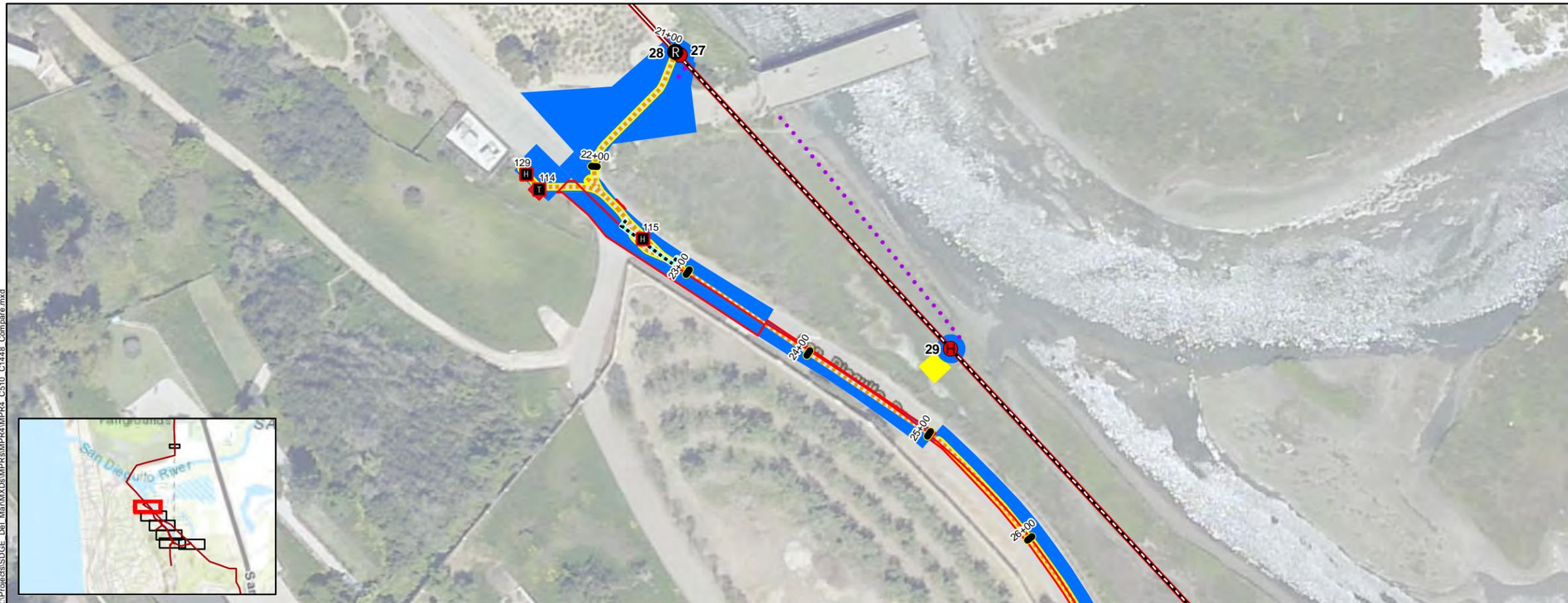
Approved Design

- R New Wood Riser Pole
- P Remove Pole from Service
- H Remove Pole from Service with Helicopter
- H New Hand Hole
- T New Transformer
- H Remove Existing Hand Hole
- New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
- Remove 69 kV Overhead, Retain 12 kV Overhead
- Remove 69 kV and 12 kV Overhead
- Temporary Footpath
- Drop Zone
- Work Area



Proposed Final Design

- R New Wood Riser Pole
- P Remove Pole from Service
- H Remove Pole from Service with Helicopter
- New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
- Remove 69 kV Overhead, Retain 12 kV Overhead
- Remove 69 kV and 12 kV Overhead
- Stationing
- Temporary Footpath
- Drop Zone
- Work Area
- MPR Locations**
- Work Area
- H New Hand Hole
- T New Transformer
- Shifted 12kV Underground
- 2-Inch Natural Gas Main Re-Route



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Del Mar Reconfiguration Project

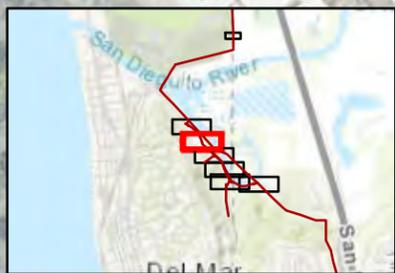
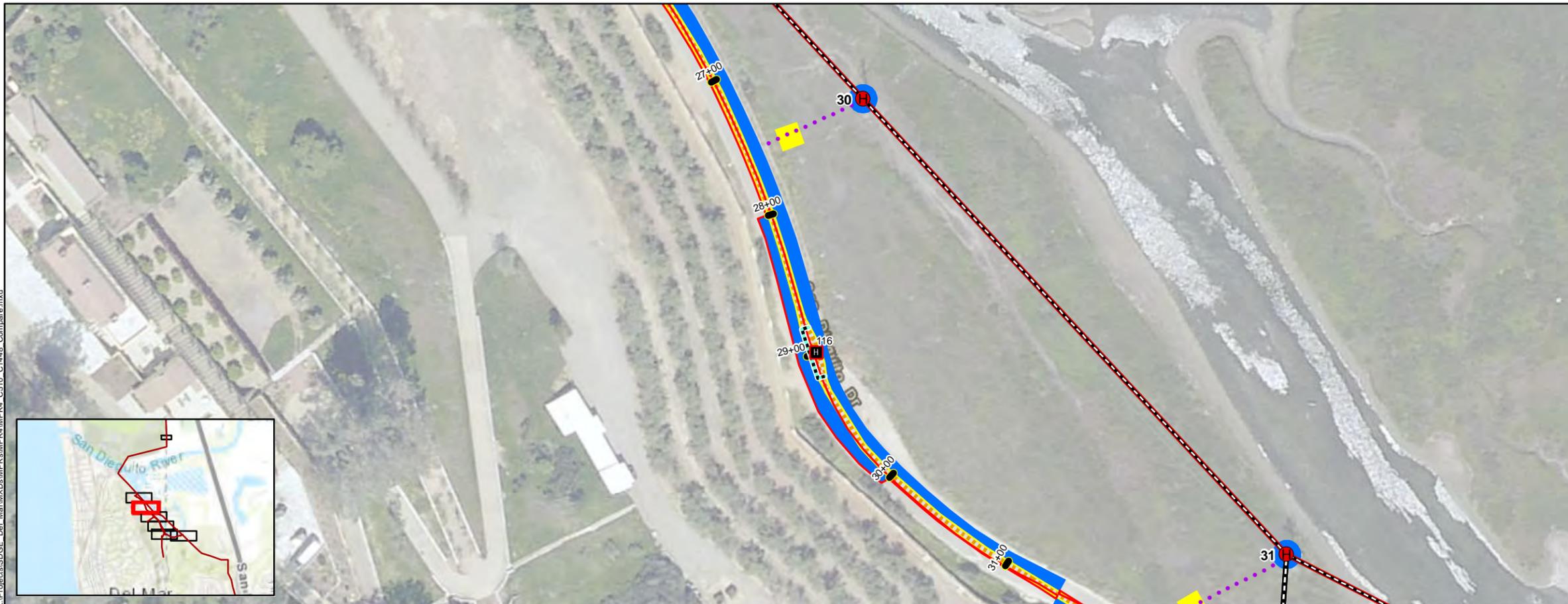
Approved Design

-  Remove Pole from Service with Helicopter
-  New Hand Hole
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area



Proposed Final Design

-  Remove Pole from Service with Helicopter
-  New 12 kV Underground
(0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stationing
-  Temporary Footpath
-  Drop Zone
-  Work Area
- MPR Locations**
-  Work Area
-  New Hand Hole
-  Shifted 12kV Underground
-  2-Inch Natural Gas Main Re-Route










Del Mar Reconfiguration Project

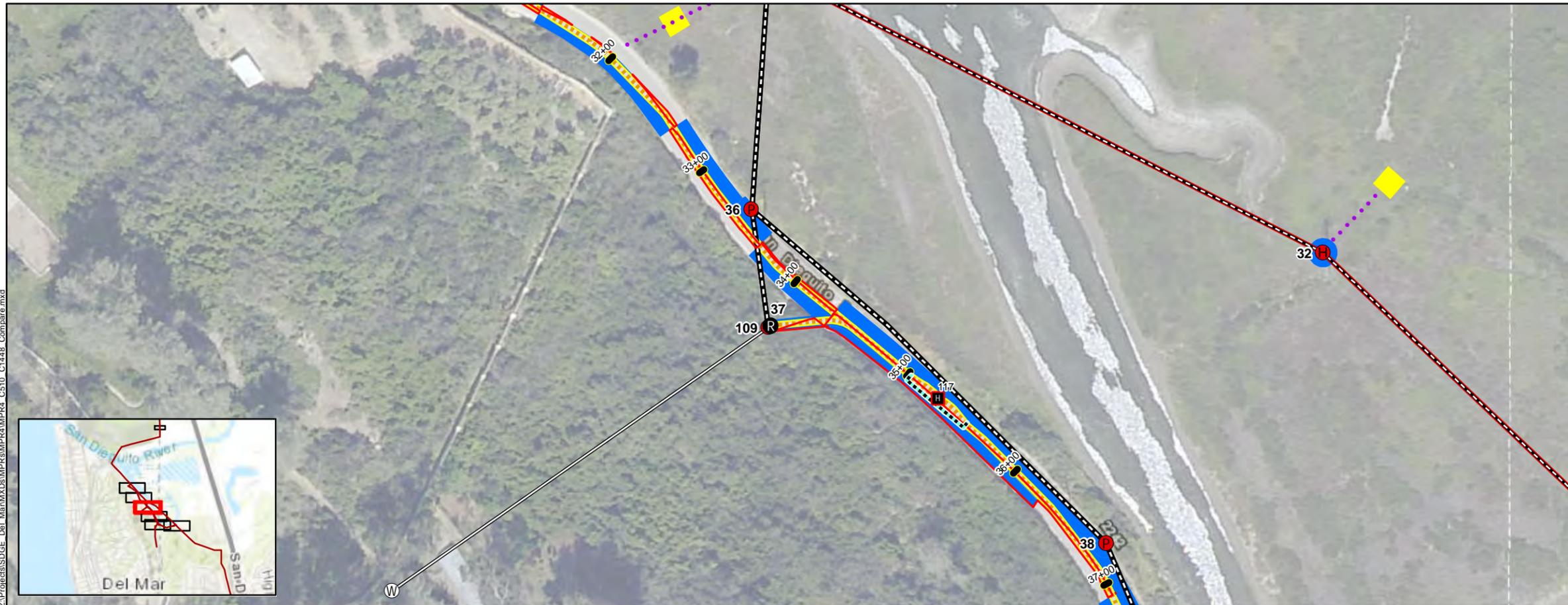
Approved Design

-  Existing Wood Pole
-  New Wood Riser Pole
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  New Hand Hole
-  Existing 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Work Area



Proposed Final Design

-  Existing Wood Pole
-  New Wood Riser Pole
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  Existing 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stationing
-  Temporary Footpath
-  Drop Zone
-  Work Area
- MPR Locations**
-  Work Area
-  New Hand Hole
-  Shifted 12kV Underground
-  2-Inch Natural Gas Main Re-Route







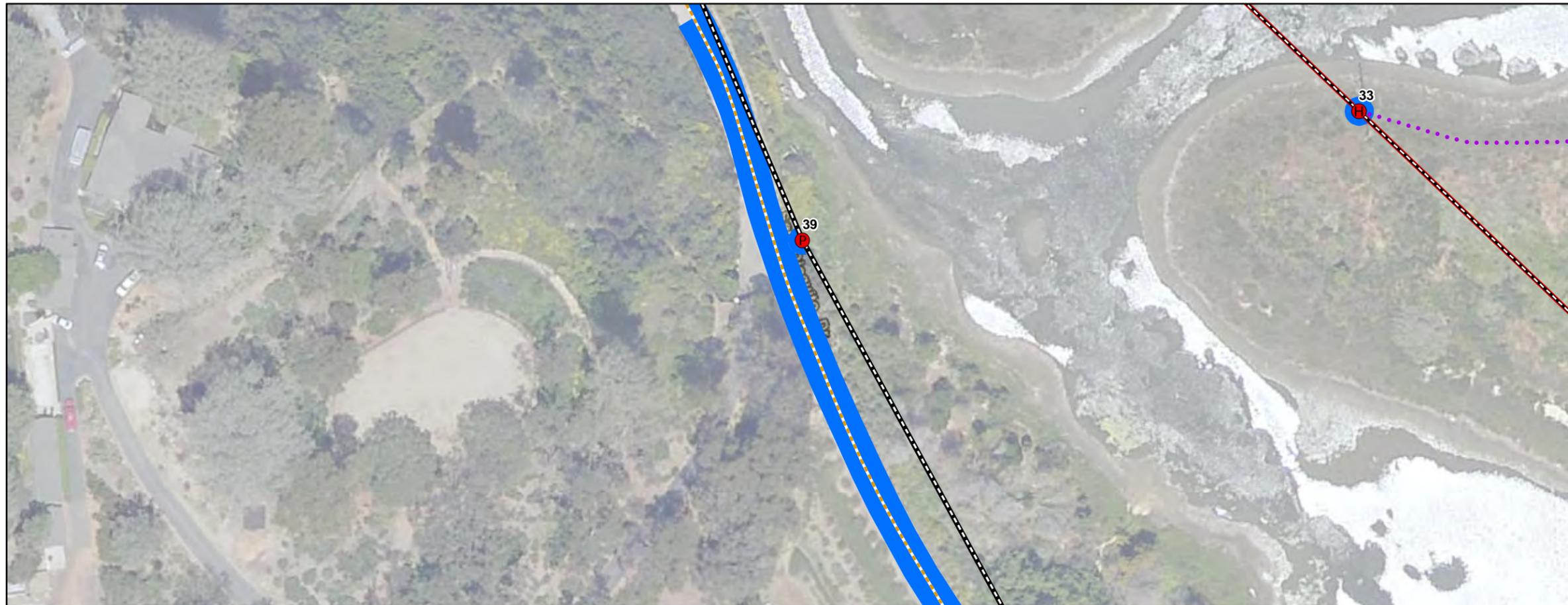


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Del Mar Reconfiguration Project

Approved Design

-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Temporary Footpath
-  Work Area



Proposed Final Design

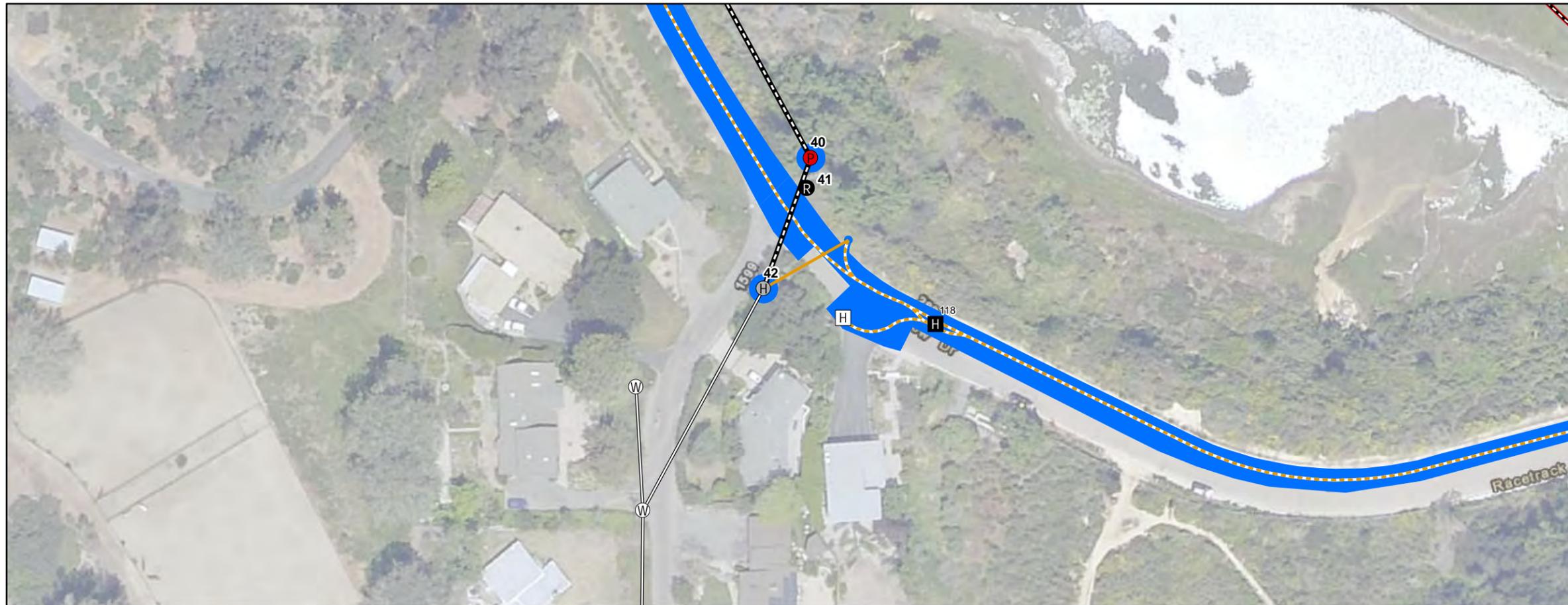
-  Remove Pole from Service
-  Remove Pole from Service with Helicopter
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stationing
-  Temporary Footpath
-  Work Area
- MPR Locations**
-  Work Area
-  Shifted 12kV Underground



Del Mar Reconfiguration Project

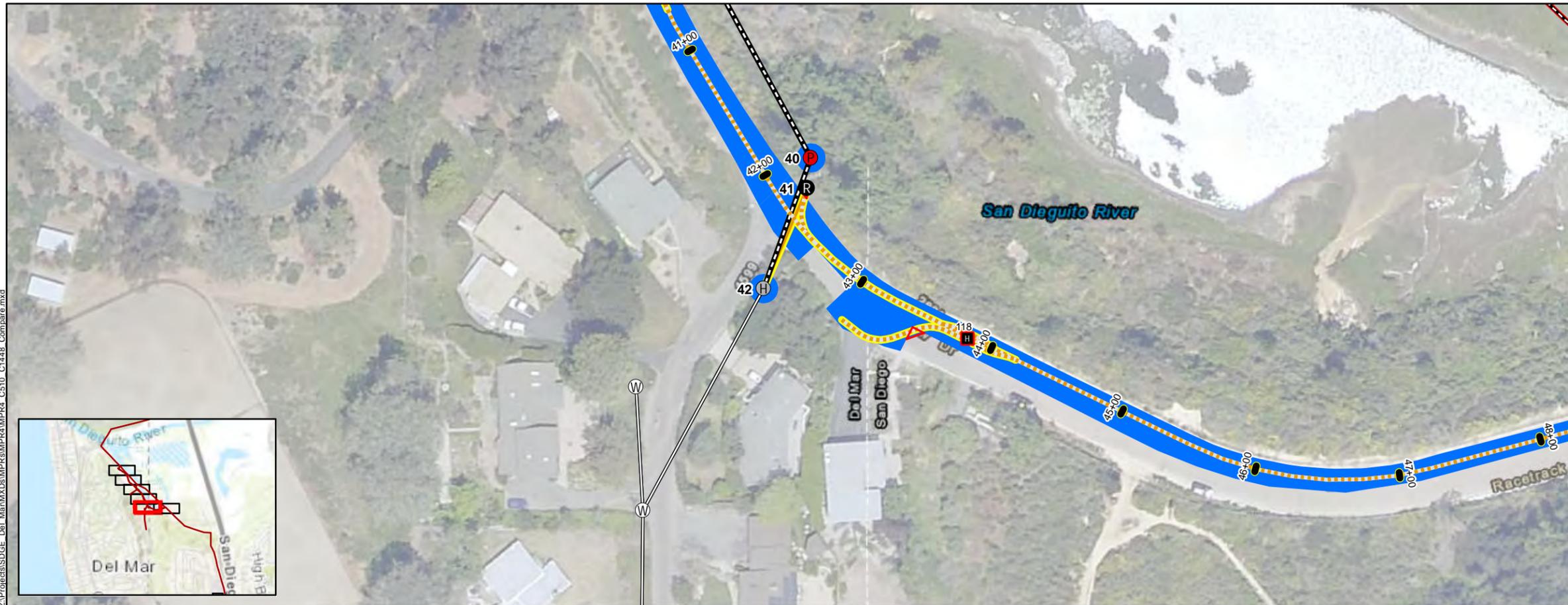
Approved Design

-  Existing Wood Pole
-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service
-  Existing Hand Hole
-  New Hand Hole
-  Existing 12 kV Overhead
-  New 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Work Area



Proposed Final Design

-  Existing Wood Pole
-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service
-  Existing 12 kV Overhead
-  New 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 12 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stationing
-  Work Area
- MPR Locations**
-  Work Area
-  New Hand Hole
-  Shifted 12kV Underground

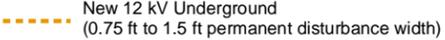
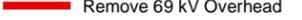


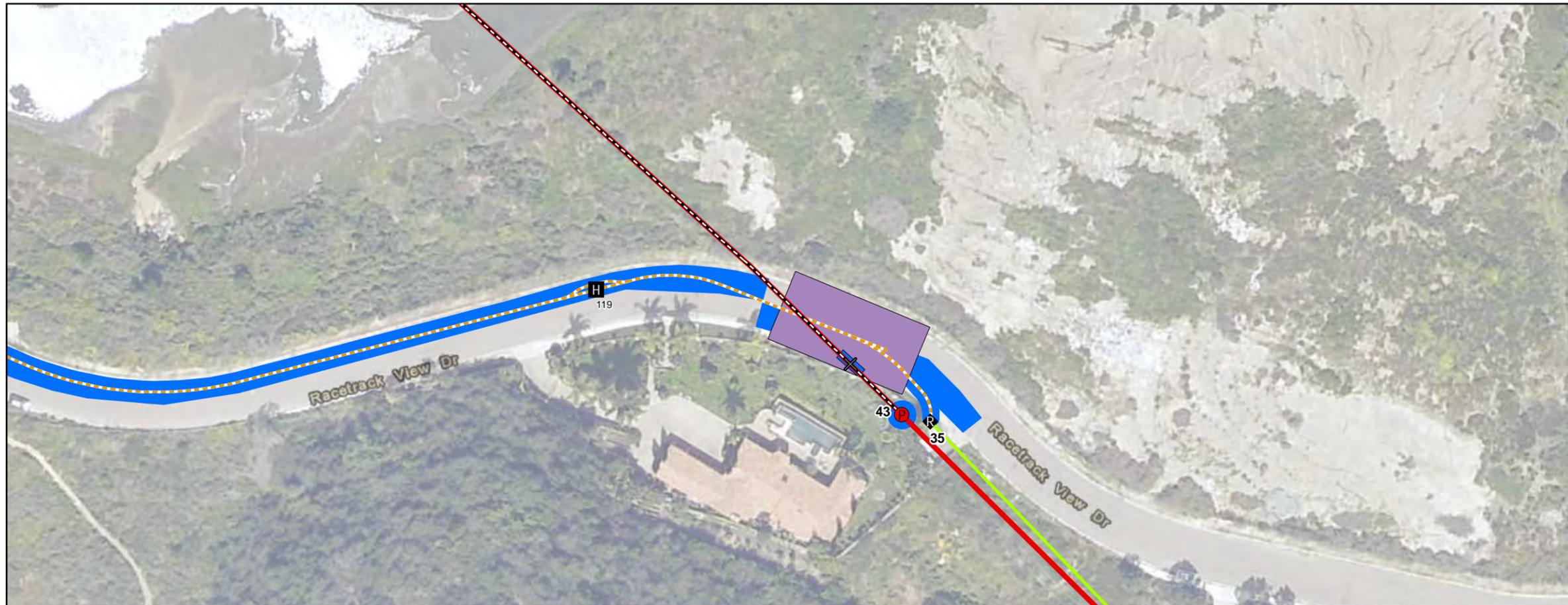
  

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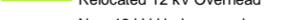
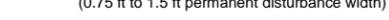
Del Mar Reconfiguration Project

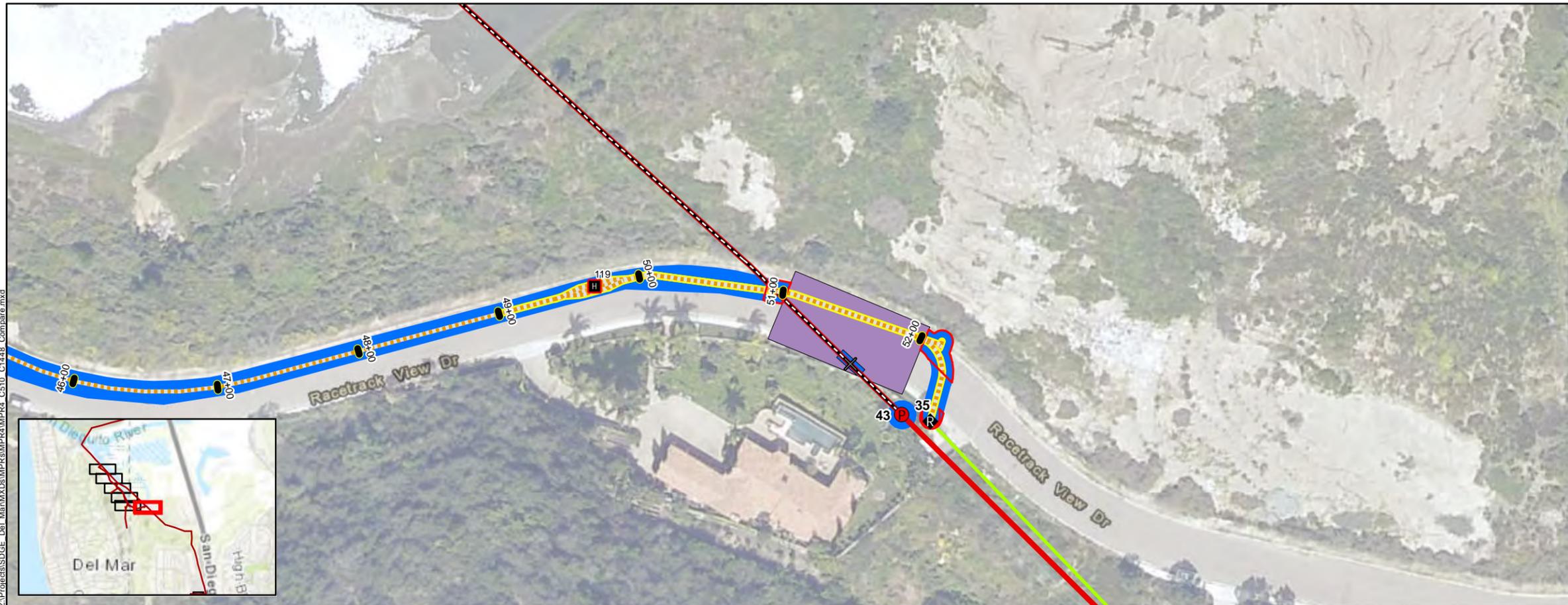
Approved Design

-  New Steel Riser Pole
-  Remove Pole from Service
-  New Hand Hole
-  Guard Structure
-  Relocated 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stringing Site
-  Work Area



Proposed Final Design

-  New Steel Riser Pole
-  Remove Pole from Service
-  Guard Structure
-  Relocated 12 kV Overhead
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV and 12 kV Overhead
-  Stationing
-  Stringing Site
-  Work Area
- MPR Locations**
-  Work Area
-  New Hand Hole
-  Shifted 12kV Underground



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Del Mar Reconfiguration Project

Approved Design

-  Top and Replace with Steel Pole
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Stringing Site
-  Work Area



Proposed Final Design

-  Top and Replace with Steel Pole
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Stringing Site
-  Work Area
- MPR Locations**
-  Work Area
-  Shifted 12kV Underground





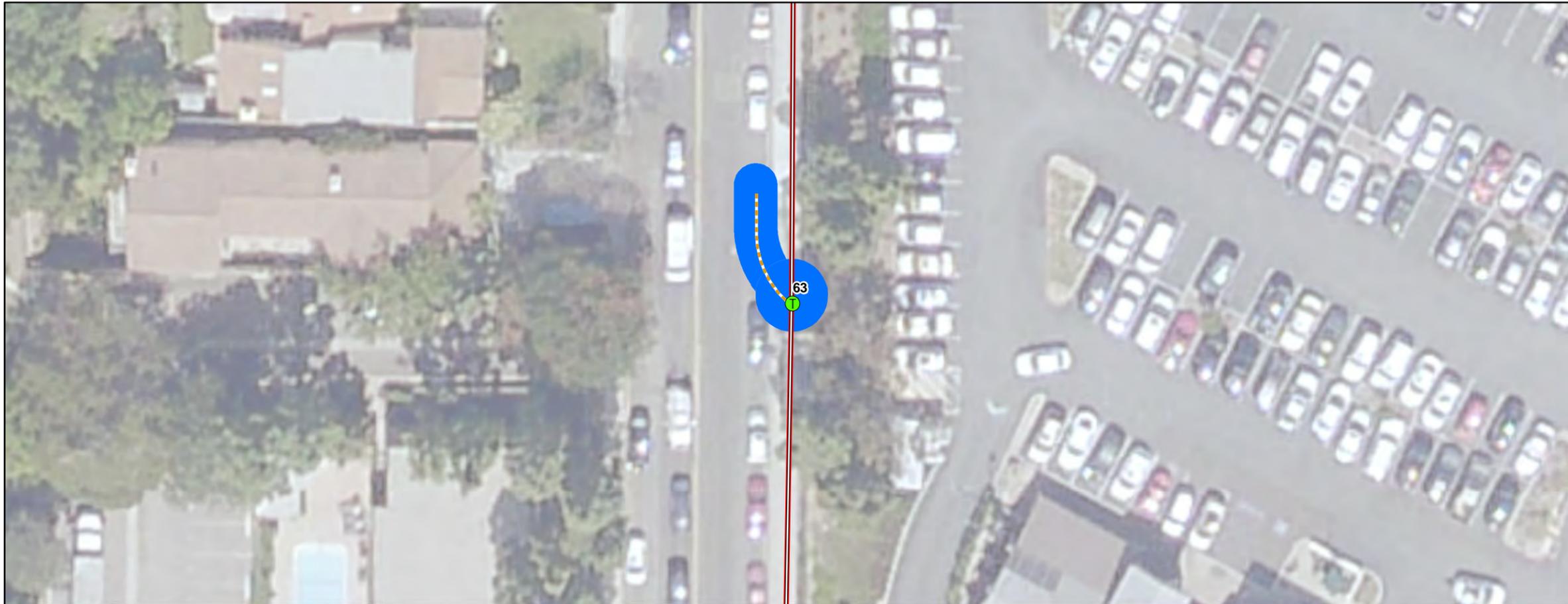





Del Mar Reconfiguration Project

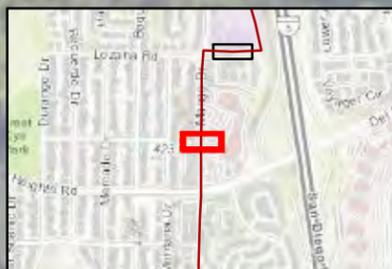
Approved Design

-  Top and Replace with Steel Pole
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Work Area



Proposed Final Design

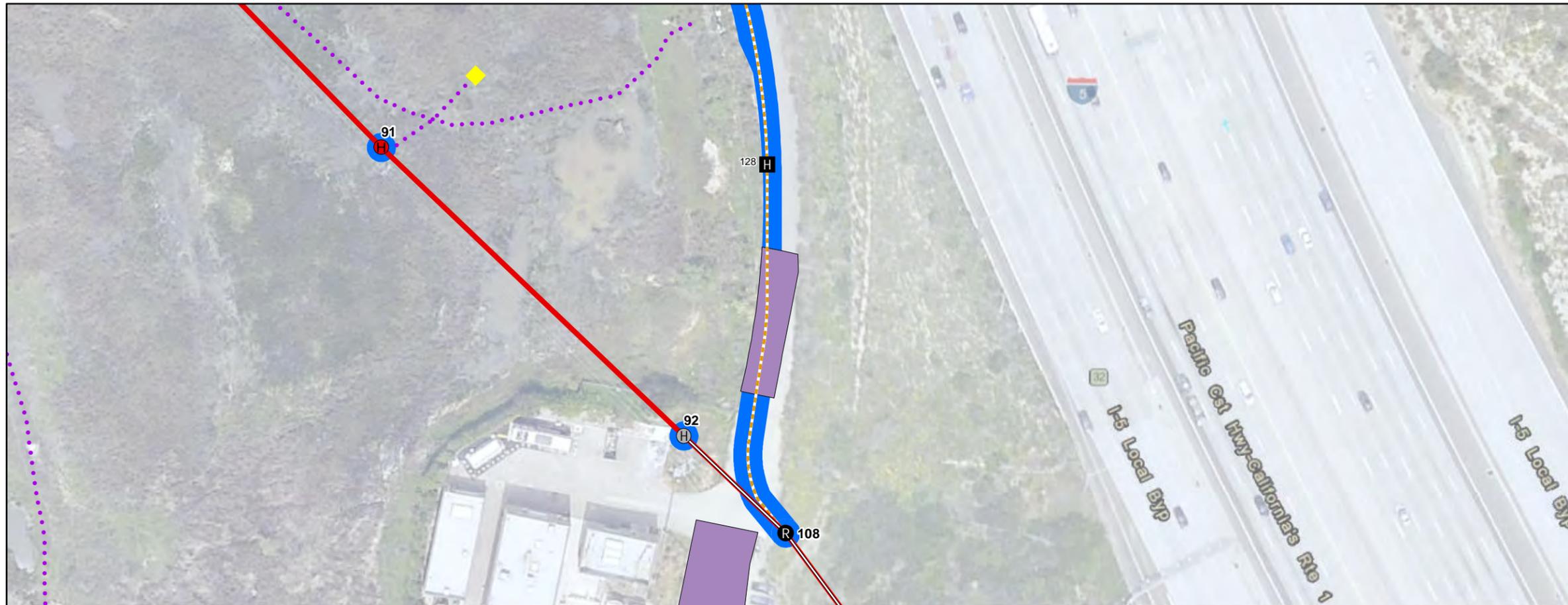
-  Top and Replace with Steel Pole
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Work Area
- MPR Locations**
-  Work Area
-  Shifted 12kV Underground



Del Mar Reconfiguration Project

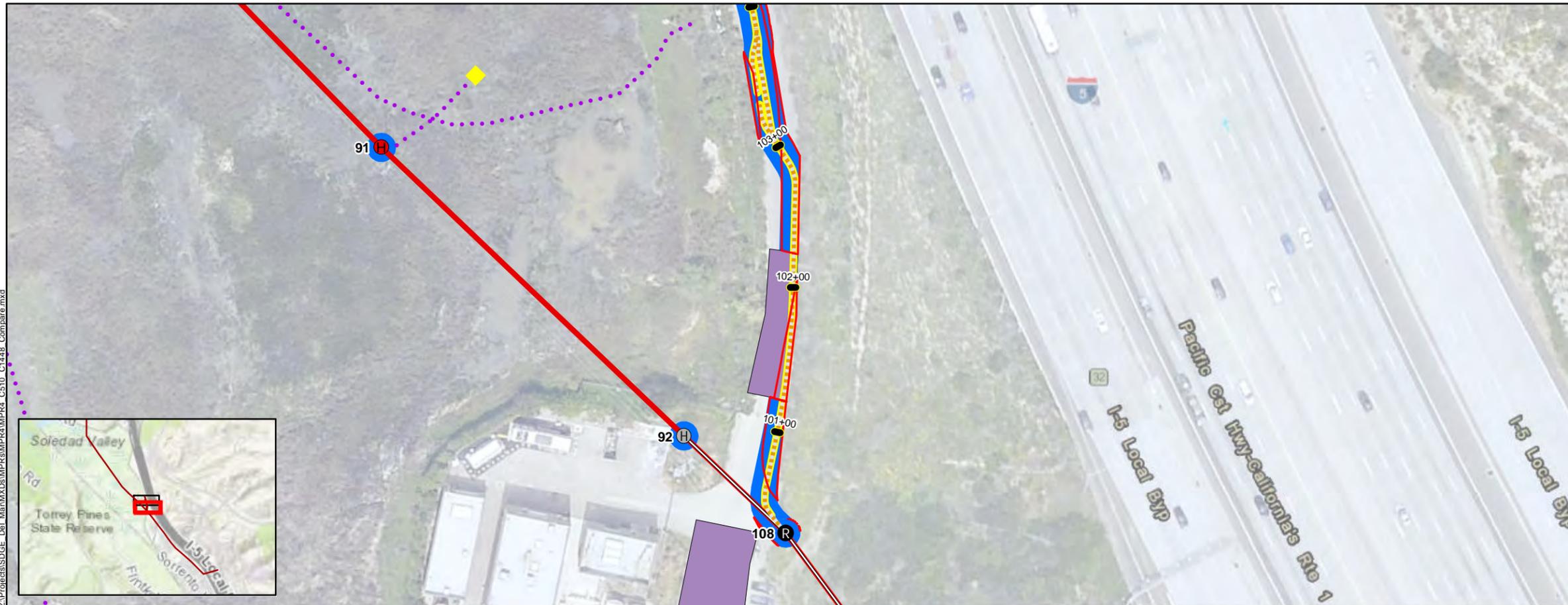
Approved Design

-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service with Helicopter
-  New Hand Hole
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area



Proposed Final Design

-  Reconfigure Wood Pole Hardware
-  New Wood Riser Pole
-  Remove Pole from Service with Helicopter
-  New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Stationing
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area
- MPR Locations**
-  Work Area
-  Shifted 12kV Underground







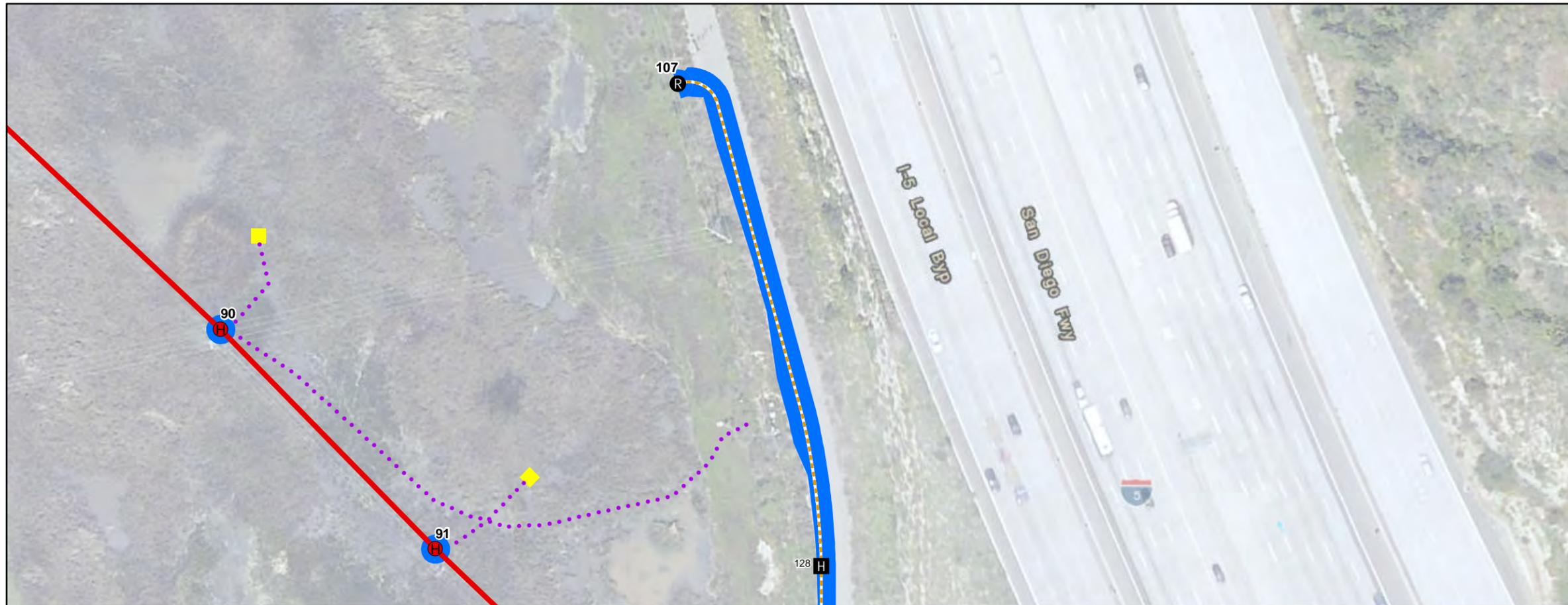



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Del Mar Reconfiguration Project

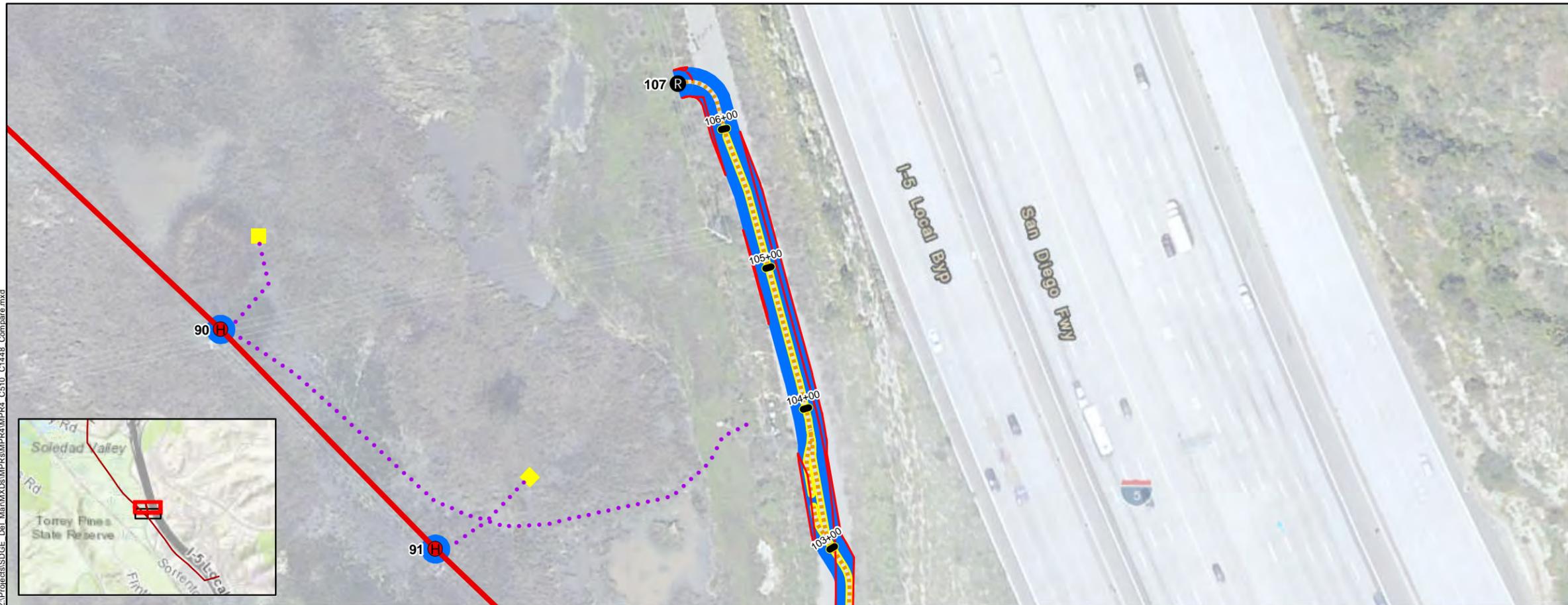
Approved Design

- Ⓡ New Wood Riser Pole
- Ⓡ Remove Pole from Service with Helicopter
- Ⓡ New Hand Hole
- ⋯ New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
- Remove 69 kV Overhead
- ⋯ Temporary Footpath
- Drop Zone
- Work Area



Proposed Final Design

- Ⓡ New Wood Riser Pole
- Ⓡ Remove Pole from Service with Helicopter
- ⋯ New 12 kV Underground (0.75 ft to 1.5 ft permanent disturbance width)
- Remove 69 kV Overhead
- Stationing
- ⋯ Temporary Footpath
- Drop Zone
- Work Area
- MPR Locations**
- Work Area
- Shifted 12kV Underground



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ATTACHMENT C: PRE-CONSTRUCTION STATUS REPORT

ATTACHMENT C: PRE-CONSTRUCTION STATUS REPORT

Measure	Measure Title	Measure Text	Timing	Status	Comments
Applicant-Proposed Measures (APMs)					
APM BIO-01	--	During the appropriate phenological (i.e., blooming) periods, pre-construction surveys for special-status plants (specifically, federally listed, state-listed, and California Rare Plant Rank 1 and 2 plants) would be conducted within one year prior to the start of construction in areas that have the potential for special-status plants to occur. A hand-held Global Positioning System unit with submeter accuracy would be used to record the locations of special-status plant occurrences. Prior to construction, any occurrences of special-status plants that SDG&E determines to be avoidable will be marked with fencing or flagging, for avoidance during construction activities. Where disturbance to these areas cannot be avoided, SDG&E would restore temporarily impacted areas, as described in APM-BIO-05.	Not Applicable (N/A)	N/A	This APM was superseded by Mitigation Measure (MM) BR-1.
APM BIO-02	--	Biological monitors would be present during all activities within special-status species habitat and sensitive natural communities. The biological monitors would conduct a preconstruction clearance survey of the work area and would verify that activities comply with the Project APMs and SDG&E's Subregional NCCP Operational Protocols.	N/A	N/A	This APM was superseded by MM BR-1, MM BR-2, and MM BR-4.
APM BIO-03	--	To minimize the spread of noxious and invasive weeds during construction, SDG&E would ensure that construction vehicles arrive to work sites clean and weed-free prior to entering the ROW in cross-country areas, ensure straw wattles (non-plastic) used to contain storm water runoff are weedfree, and document the extent of noxious weeds within the construction areas prior to construction. Noxious weeds are defined as species rated as High on the California Invasive Plant Inventory Database, published by the California Integrated Pest Council.	N/A	N/A	This APM was superseded by MM BR-5.
APM BIO-04	--	Impacts to oak trees, Torrey pines, and other native trees will be avoided and/or minimized to the extent possible during construction. In the event that any native trees are required to be removed, SDG&E will comply with all applicable City of San Diego and/or City of Del Mar requirements for tree preservation and mitigation.	N/A	N/A	This APM was superseded by MM BR-5.
APM BIO-05	--	All areas disturbed as a result of construction activities will be re-contoured and restored to the original conditions to the extent feasible including using soil salvaging and special-status plant protections as described in SDG&E's Habitat Enhancement Measures. These areas will be allowed to revegetate naturally.	During and Post	To Be Implemented During and Post-Construction	This APM will be implemented during and following the completion of construction.
APM BIO-06	--	A Nesting Bird Management Plan will be prepared to outline procedures for minimizing impacts to nesting birds protected by the Migratory Bird Treaty Act during construction. The plan will address how to avoid direct or indirect impacts to nesting birds through various measures, including: <ul style="list-style-type: none"> conducting pre-construction nesting bird surveys during specified breeding times within a certain distance of the construction areas; establishing avoidance and minimization buffers for active nests based on species-specific noise tolerances; describing construction activities that can occur within avoidance and minimization buffers; implementing procedures for reducing buffers as appropriate; and monitoring protocols to document compliance with the Nesting Bird Management Plan, including daily nesting bird reports, during construction. The Nesting Bird Management Plan will be implemented during construction for all potentially affected bird species.	N/A	N/A	This APM was superseded by MM BR-6.
APM BIO-07	--	If a special-status wildlife species is identified on site during construction, crews will temporarily stop work in the immediate vicinity of the animal and immediately contact the biological monitor or designated SDG&E representative. Work will not proceed until the animal has moved out of harm's way on its own or has been relocated by a qualified biologist.	N/A	N/A	This APM was superseded by MM BR-4 and MM BR-6.
APM BIO-08	--	Nighttime construction lighting in suitable habitat for special-status wildlife and nesting birds will be minimized to the extent feasible. Exterior lighting within and adjacent to potential special-status wildlife habitats will utilize the lowest illumination allowed for human safety and will be selectively placed, shielded, and directed away from suitable special-status species habitat, to the maximum extent practicable.	N/A	N/A	This APM was superseded by MM BR-7.

Measure	Measure Title	Measure Text	Timing	Status	Comments
APM BIO-09	--	Prior to construction, a habitat survey for potential bat roosts that may be impacted by construction activities will be conducted. During the survey, potential roost sites will be searched for signs of bat use, such as urine streaking, grease marks and droppings, moth wings, and dead bats. Up to two weeks prior to construction, a qualified biologist will conduct bat surveys at roost sites identified as potentially active from signs of bat use identified during the survey. If bats are detected, SDG&E will avoid conducting construction activities that may directly impact the active roost site. If an active maternal roost is identified, no construction will occur within 200 feet of the maternal roost during the pupping season (typically April 1 through August 31).	Pre and During	To Be Implemented Immediately Prior to Construction	A habitat survey for potential bat roosts was conducted in August 2020. One potential roost site was identified within 200 feet of components associated with this Notice to Proceed (NTP) request. Follow-up surveys at the potential roost will be conducted two weeks prior to the start of construction. A memo documenting the results of the habitat survey, as well as a follow-up memo documenting the results of the potential roost surveys, will be submitted to the California Public Utilities Commission (CPUC) and California Coastal Commission (CCC) prior to the start of construction.
APM BIO-10	--	To the maximum extent feasible, construction vehicles and equipment will be refueled, maintained, and repaired at least 100 feet away from a wetland or water feature. If refueling, maintaining, or repairing equipment and vehicles in or within close proximity to wetlands is unavoidable, appropriate secondary spill containment will be used to prevent spills in sensitive habitats.	N/A	N/A	This APM was superseded by MM BR-2.
APM GEO-1	--	SDG&E will consider the recommendations and findings of a final geotechnical investigation and the contractor's Geotechnical Engineer regarding the potential for seismic activity, landslides, expansive soils, slope instability and differential settling. SDG&E will incorporate those recommendations, as appropriate, into the final design of the proposed project. The final proposed project design will be reviewed and approved by a Professional Engineer registered in the State of California prior to construction.	Pre	Complete	The geotechnical investigation report for the reconfiguration of Circuit (C) 510, C1448 and Transmission Line (TL) 666D was submitted to the CPUC and CCC on July 13, 2022. San Diego Gas & Electric Company (SDG&E) has incorporated the findings of the report into the final design for the Del Mar Reconfiguration Project (Project).
APM PS-01	--	No less than 60 days prior to beginning construction, SDG&E will coordinate with schools (or the appropriate school district) that are located within 250 feet of proposed project activities. These schools include the following: <ul style="list-style-type: none"> • Therapeutic Learning Center • Del Mar Hills Elementary School • Del Mar Hills Nursery School • Brighter Future Preschool and Child Development Center • Del Mar Heights Elementary School SDG&E and the schools (or school district) will determine the best time to conduct construction activities that have the potential to impact schools in an effort to avoid major school events and to minimize any disruption to learning. Where feasible, SDG&E will conduct construction activities outside of the scheduled school year, during seasonal breaks, outside of peak drop-off and pick-up hours for the standard school day, at night, or during weekends to reduce potential impacts to local schools.	Pre	Complete	The following four schools are located within 250 feet of the Project activities associated with this NTP request: <ul style="list-style-type: none"> • Del Mar Hills Elementary School • Del Mar Hills Nursery School • Brighter Future Preschool and Child Development Center • Del Mar Heights Elementary School SDG&E coordinated with these schools on August 29, 2022. Documentation of coordination was provided to the CPUC and approved on September 9, 2022. <p>The Therapeutic Learning Center is not located within 250 feet of components associated with this NTP request; therefore no coordination is required.</p>
APM-REC-01	--	SDG&E will post signage at access points to recreational facilities that may be subject to access restrictions due to the proposed project no less than four weeks prior to the beginning of construction activities within or adjacent to the facilities. These facilities will include Torrey Pines State Natural Reserve, Torrey Pines State Beach, Del Mar Horsepark, and Sorrento Valley Pedestrian/Multi-Use Path. This signage will notify users of the impending construction activities; construction impacts (e.g., increased noise and dust); the affected locations; and the estimated duration of any necessary temporary closures or access restrictions. Contact information for the proposed project's public liaison will be provided on the signage, and the public liaison will address any complaints related to dust, noise, and access restrictions.	Pre	Complete	SDG&E posted signage regarding temporary closures/access restrictions at access points to the Torrey Pines State Natural Reserve, Torrey Pines State Beach, and Sorrento Valley Pedestrian/Multi-Use Path on September 28, 2022. Documentation of the postings was submitted to the CPUC on October 5, 2022.

Measure	Measure Title	Measure Text	Timing	Status	Comments
APM REC-02	--	Authorities for recreational facilities that may be subject to access restrictions (i.e., the California Department of Parks and Recreation and the City of San Diego) will be directly contacted and given advance notice of proposed project activities no less than eight weeks prior to construction. SDG&E will also coordinate with the 22nd District Agricultural Association that manages and operates the Del Mar Horsepark at least eight weeks prior to construction to minimize potential impacts to the facility and its users during construction.	Pre	Complete	SDG&E directly contacted the City of San Diego on August 18, 2022 to provide advanced notice of planned activities with the potential to impact recreational facilities. Additionally SDG&E directly contacted, the California Department of Parks and Recreation and the 22 nd District Agricultural Association on August 25, 2022. Documentation of coordination was provided to the CPUC and approved on September 9, 2022.
APM TRA-01	--	At least 30 days prior to construction of the proposed project, SDG&E will coordinate with the Del Mar Fire Department and the San Diego County Sheriff's Department to inform them of the planned lane closures along Jimmy Durante Boulevard and to minimize potential disruptions to emergency vehicle response times.	Pre	Complete	SDG&E contacted the Del Mar Fire Department and San Diego County Sheriff's Department on September 22, 2022 to inform them of the planned lane closures along Jimmy Durante Boulevard and provided a copy of the Traffic Control Plan. Documentation of coordination was provided to the CPUC on October 5, 2022.
APM TRA-02	--	At least 30 days prior to construction, SDG&E will coordinate with the North County Transit District on the planned construction activities, including the timing and duration of construction in the vicinity of existing bus stops along Via De La Valle. This coordination will include the identification of potential temporary relocation of bus stops in order to maintain service during construction. At least 10 days prior to the bus stop closure, SDG&E will post signs near any affected bus stops to notify bus riders of any potential modifications the standard bus schedule, alternate stops in the area, and a phone number to call to obtain more information.	Pre and During	N/A	Construction activities associated with this NTP will not result in bus stop closures along Via De La Valle; therefore, this APM is not applicable.
MMs					
MM BR-1	Preconstruction Surveys	Thirty days prior to the start of construction activities in new work areas that have the potential to impact biological resources (e.g., staging, vegetation clearing, trenching, helicopter activities, pole removal, stringing, stockpiling), a CPUC-approved biologist shall conduct preconstruction surveys for sensitive biological resources within all qualifying work areas, including access roads, footpaths, fly yards, stringing sites, pole removal sites, etc. In efforts to minimize the extent of human activities within San Dieguito Lagoon and Los Peñasquitos Lagoon while maintaining worker safety, preconstruction surveys in the lagoon areas will be conducted from a safe distance that still allows for adequate biological observation (via binoculars or other means). Lagoon areas that are accessible by foot shall undergo standard preconstruction surveys. If construction activities halt within a work area for fourteen days, the biological monitor shall recheck the work area for any sensitive biological resources prior to the re-commencement of construction activities. Avian surveys shall be conducted in accordance with SDG&E's Subregional NCCP as well as all other applicable requirements, as described in MM BR-6: Nesting Bird Management Plan. Prior to the start of daily project-related activities within all work areas, all areas with habitat suitable to support special status plants and wildlife, and all areas and places in which wildlife could become trapped (trenches, holes, excluded areas, etc.) shall undergo a daily biological clearance sweep, to be conducted by a qualified, CPUC-approved biological monitor. Only after verbal clearance by the biological monitor may project-related activities commence within work areas.	Pre and During	To Be Implemented Immediately Prior to Construction and During Construction	Resumes for qualified biologists were submitted to the CPUC in October 2020 for review and approval, and approval was received in November 2020. CPUC-approved biologists will conduct pre-construction surveys for sensitive biological resources within the work areas associated with this NTP request 30 days prior to the start of construction. Based on the anticipated construction schedule, the surveys are planned for late August 2022. Avian surveys will be conducted in accordance with MM BR-6 as applicable during the nesting bird season. During construction, CPUC-approved Environmental Inspectors/Biological Monitors (EI/BMs) will conduct daily pre-construction clearance sweeps prior to the start of work for the day.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM BR-2	Designation and Exclusion of Work Area Boundaries, Environmentally Sensitive Areas and Excavations	<p>Construction activities, equipment, vehicles, and materials storage shall be restricted to approved work areas and laydown yards/fly yards, which shall be bordered by exclusionary fencing, flagging, or signage that shall be installed prior to the start of construction activities. Setbacks for project activities including equipment storage, equipment maintenance, and fueling shall be no fewer than 50 feet from aquatic resources, water features, and ESHAs. These areas shall be situated in such a manner as to prevent any runoff from entering sensitive habitat and aquatic features.</p> <p>To minimize the potential for human-related impacts in sensitive areas, fencing, flagging, or signage shall not be required in helicopter access-only work areas within San Dieguito Lagoon or Los Peñasquitos Lagoon. However, as described in MM BR-4, a CPUC-approved biological monitor shall observe project activities within such areas from a safe distance, assisted by binoculars as needed. In work areas located outside of the lagoons or within the lagoons by fully accessible by foot, in which construction activities are anticipated to last less than one day, fencing and flagging installation will not be required, but a CPUC-approved biological monitor must be present to observe construction activities per MM BR-4. Equipment such as PVC conduit, which could potentially entrap wildlife, shall be inspected by a qualified, CPUC-approved biological monitor prior to use. Areas that would be subject to excavation (e.g., trenches and holes), shall be excluded and fully covered at the end of each day to prevent wildlife from falling in and becoming entrapped. If a trench or hole cannot be fully covered at the end of the day for any reason, the applicant shall install wildlife escape ramps at least every 100 feet, which shall have slopes no greater than 2:1.</p> <p>Environmentally Sensitive Areas (areas with substantial biological resources such as special status species, sensitive natural communities, occupied and/or suitable habitat, or aquatic features), including Environmentally Sensitive Habitat Areas (ESHAs) and potentially jurisdictional aquatic features (under USACE, CDFW, RWQCB, and/or CCC jurisdiction), shall be clearly flagged, fenced, and/or indicated by signage to prevent inadvertent disturbance or trampling. Adequate buffer distances surrounding Environmentally Sensitive Areas shall be determined by the CPUC-approved biological monitor, based on the biological sensitivity of the resource and the nature of the approved project-related activities occurring nearby. Buffers between staging areas, stringing sites, and both ESHAs and wetland areas shall be no less than 50 feet, unless it is determined by the onsite, CPUC-approved biologist that a lesser buffer distance is appropriate.</p> <p>Buffer distance reduction requests must be directed to the CPUC, and should involve consultation with relevant agencies (USFWS, USACE, CDFW, and/or CCC) as needed.</p>	Pre and During	To Be Implemented Immediately Prior to Construction and During Construction	Fencing, flagging, and/or signage will be installed at all work areas and Environmentally Sensitive Areas (ESAs) immediately prior to construction. During construction, equipment storage, maintenance, and fueling will occur at least 50 feet from aquatic resources and ESHAs, and staging areas and stringing sites will be at least 50 feet from wetland areas and ESHAs unless it is determined by the CPUC-approved EI/BM that a lesser distance is appropriate. In addition, adequate buffer distances for ESAs will be determined by the CPUC-approved EI/BM during construction.
MM BR-3	Worker Training Program	<p>The applicant shall develop a Worker Environmental Awareness Program (WEAP), to be submitted to the CPUC for review and approval that shall be administered to all project-related staff who will conduct on-site work (e.g., construction crews, management, monitors, contractors, sub-contractors, etc.). The applicant shall submit to the CPUC monthly documentation of who has undergone WEAP training. The WEAP shall describe the sensitive biological resources (plants, wildlife, and sensitive natural communities) that crews may encounter onsite, mitigation measures that shall be used to reduce impacts to these resources, the penalties associated with violations of the conditions of the IS/MND, acquired permits, and SDG&E's best management practices (BMPs). Additionally, the applicant shall develop an informational handout or booklet that will contain key aspects of the WEAP, including sensitive species that workers may encounter onsite, whom to contact in the event of such observations, and the roles and responsibilities of the CPUC, and of other applicable agencies (e.g., CDFW, USFWS, RWQCB). These materials will be posted in the onsite construction trailer(s) and provided to crew supervisors, monitors, and to the SDG&E Field Construction Administrator.</p>	Pre and During	To Be Implemented Immediately Prior to Construction and During Construction	<p>The WEAP training was approved by the CPUC in October 2020 and approved prior to the start of construction of the Project. A printout of the WEAP training presentation will be kept on site in the construction trailer for reference. Crew supervisors, monitors, and Field Construction Administrators will be provided with a printout of the presentation.</p> <p>A supervisor-level training has tentatively been scheduled to occur in August 2022. Crew trainings will follow on a daily or as-needed basis in the field. Documentation of WEAP attendance will be submitted to the CPUC and CCC with the Weekly Environmental Compliance Reports.</p>

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM BR-4	Construction Monitoring	<p>The applicant shall ensure that a qualified, CPUC-approved biological monitor is present at all times to monitor ground-disturbing activities (e.g., grading, vegetation removal, trenching, digging, etc.) in areas that have the potential to support special status species. All ground-disturbing activities that would occur within 50 feet of Environmentally Sensitive Areas (areas supporting special status species, sensitive natural communities, and aquatic features), ESHAs, and all potentially jurisdictional aquatic features (non-wetland waters of the state, wetlands, streambeds, open water, tidal waters, and jurisdictional natural communities) will be monitored. To minimize the potential for human-related impacts in sensitive areas and to maintain worker safety, a biological monitor shall not be present to observe project activities within helicopter access-only work areas in San Dieguito Lagoon or Los Peñasquitos Lagoon. The CPUC-approved biological monitor shall observe project activities within such areas from a safe distance, assisted by binoculars as needed. When the CPUC-approved biological monitor must observe project activities from a safe distance, the monitor will maintain communication with pole removal technicians, both before and after each workday, to ensure that appropriate biological resource protection protocols are implemented. In work areas located outside of the lagoons, including upland habitat within Torrey Pines State Natural Reserve Extension, and in work areas or within the lagoons by but fully accessible by foot, the CPUC-approved biological monitor shall be present to observe project activities as described above. Areas within existing pavement that do not have the potential to support special status species will receive a pre-construction survey and spot-checks, as determined by the biological monitor in accordance with SDG&E's NCCP. The biological monitor shall have temporary stop-work authority if he or she determines that project-related activities present a threat to sensitive biological resources. If the biological monitor must stop work due to threat to a biological resource, work may resume once the biological monitor determines that activities will no longer risk or endanger the resource, or upon further consultation with the appropriate agencies (CDFW, USFWS, USACE, RWQCB, or CCC).</p>	Pre and During	To Be Implemented During Construction	CPUC-approved EI/BMs will conduct monitoring during all ground-disturbing activities in areas with the potential for special-status species or within 50 feet of ESAs, ESHAs, and aquatic features.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM BR-5	Natural Communities, Protected Tree, and Plant Protection Plan	<p>To minimize project-related impacts to natural communities, protected trees, and special status plants, SDG&E shall adhere to the enhancement and restoration components of the Natural Communities, Protected Tree, and Plant Protection Plan (Plan), including the Quality Assurance restoration protocols described in Chapter 7.2 Habitat Enhancement Measures. Additionally, prior to construction, the applicant shall ensure that special status plant surveys are conducted during appropriate phenological (blooming) periods within one year prior to the start of construction to ensure detection. If detected, special status plants shall be flagged for avoidance. All reasonably accessible Del Mar manzanita (<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>) observed directly adjacent to, within, or proximal to proposed work areas and access roads/paths shall be staked, flagged, and/or fenced by a qualified biologist prior to construction. This measure applies to Del Mar manzanita plants that could be inadvertently accessed and impacted by project activities, and does not apply to Del Mar manzanita plants that are difficult to access and that would be unlikely to be reached by construction crews or equipment. Additionally, no fewer than 30 days prior to the start of construction, the applicant shall develop and submit to the Plan to the CPUC, which shall include, at a minimum, the following:</p> <ul style="list-style-type: none"> • A Restoration Strategy, including a long-term monitoring strategy, for each protected tree species and special status plant species that is known to occur within or near (within 50 feet) proposed work areas, and that therefore could be impacted by proposed project activities. If a single restoration strategy and/or long-term monitoring strategy would be effective for multiple species or for groups of species, the appropriate Long-term monitoring strategies should ensure successful restoration and recolonization by the intended species. • Restoration and long-term monitoring plans for natural communities including aquatic features and ESHAs that may experience project-related impacts. • A Noxious and Invasive Weed Control Strategy to prevent the colonization of noxious and invasive weeds in areas disturbed by proposed project activities. The strategy shall include a procedure for washing, inspecting, documenting, and approving vehicles and equipment prior to being staged anywhere within the project area. • Methods of communication between the applicant, the CPUC, and local qualified city arborists to discuss which protected trees, if any, may require trimming before or during project construction, and which protected trees may be subjected to construction activities within 20 feet of the Dripline Area. <p>Because SDG&E may feasibly encounter unanticipated vegetation during project construction, the Plan shall be a live document, which may be updated on an as-needed basis to include appropriate restoration strategies for natural communities, protected trees, and special status plants that are not anticipated 30 days prior to the start of construction, but that may be later observed. If an unanticipated qualifying resource is observed within or near (within 50 feet) of a work area, SDG&E must avoid the resource, and must incorporate appropriate restoration and long-term monitoring strategies for the unanticipated biological resource into the approved Plan within 30 days of initial observation, for review and approval.</p>	Pre, During, and Post	To Be Implemented Prior to and During Construction	<p>The Natural Communities, Protected Tree, and Plant Protection Plan (NCPTPPP) was submitted to the CPUC on August 28, 2020 and the CCC on August 14, 2020. The CPUC approved the NCPTPPP on October 12, 2020. A special-status plant survey was conducted for TL666D, C510, and C1448 in April 2022; and a memo summarizing the results was submitted to the CPUC and CCC on July 13, 2022. Special-status plants detected in the vicinity of construction work areas will be flagged for avoidance prior to the start of construction. The pre-construction component of this measure is complete.</p> <p>The NCPTPPP will be implemented during construction and updated as needed.</p>

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM BR-6	Avian Protection	<p>To minimize impacts to avian species, SDG&E shall adhere to all applicable avian protection measures as described in the NCCP, including applicable Raptor Species protections. Additionally, the applicant shall not conduct project-related activities within at least 100 feet of San Dieguito Lagoon, Los Peñasquitos Lagoon (Torrey Pines State Natural Reserve), or Torrey Pines State Natural Reserve Extension during nesting bird season (February 1 to August 31). A CPUC-approved avian biologist who is knowledgeable about avian species native to the coastal San Diego region shall conduct special status avian surveys where construction would occur during nesting bird season. The avian biologist shall conduct focused avian preconstruction surveys no more than fourteen days before project activities begin in each workspace, in areas containing or adjacent to suitable habitat for special status avian species. For project areas within 500 feet of or within suitable habitat for Western Snowy Plover (<i>Charadrius alexandrinus nivosus</i>), the surveying avian biologist must have documented experience surveying Western Snowy Plover. Surveys shall be conducted within work areas plus a buffer large enough to encompass the next nest buffer of any special status avian species for which suitable habitat is present (i.e., 100 to 500 feet). In work areas that contain no suitable or potentially suitable habitat for special status avian species, and that would not be subject to any ground disturbance or vegetation trimming/removal, focused avian preconstruction surveys are not necessary.</p> <p>If nesting birds are observed during focused avian surveys or general preconstruction surveys (see MM BR-1), the avian biologist shall establish appropriate, species-specific vertical and horizontal buffers between project activities and established nests and territories. The buffers shall be no less than 500 feet (vertical and horizontal) for all raptors, Coastal California Gnatcatcher, and Western Snowy Plover nests (unless otherwise approved by USFWS and/or CDFW). Buffers between project activities and other avian nests shall be established on a species-specific basis, based on USFWS and CDFW recommendations and avian biologist observations.</p> <p>If non-nesting special-status avian species are observed, project activities may resume at distances greater than 100 feet from San Dieguito Lagoon, Los Peñasquitos Lagoon (Torrey Pines State Natural Reserve), and Torrey Pines State Natural Reserve Extension during nesting bird season (February 1 to August 31), but a CPUC-approved biological monitor must be present. If project activities would occur between 100 and 500 feet of occupied (non-nesting) Western Snowy Plover habitat, then an avian biologist with documented experience surveying Western Snowy Plover must be present to observe all project activities.</p> <p>Nest buffer distances may be reduced on a case-by-case basis, based on scientific observations and biological reasoning by the avian biologist(s), taking nest sensitivity and proposed project activities into consideration. Vertical nest buffers shall also be established and defined in the Nesting Bird Management Plan where applicable, between helicopter activities and active bird nests. The applicant shall notify the CPUC, USFWS, and CDFW of nest buffer reductions on a weekly basis. The applicant shall coordinate with the USFWS and CDFW for nest-buffer reductions to special status species and raptor nests and will provide verification to the CPUC of this coordination when reducing such buffers. Nest buffer reductions for common, non-special status species shall be reduced as established by protocols established in the Nesting Bird Management Plan (NMBP).</p> <p>All nests with a reduced buffer shall be monitored daily during construction activities until the young have fledged, the nest becomes inactive, or until construction activities have concluded within the buffer area.</p> <p>The applicant shall develop an NBMP in accordance with the Avian Power Line Interaction Committee (APLIC) and USFWS guidelines (APLIC and USFWS 2005), to be submitted to the CPUC no fewer than 30 days prior to the start of construction. The plan shall contain, at a minimum, the following information and strategies intended to minimize impacts to avian species:</p> <ul style="list-style-type: none"> • Methods from APLIC Reducing Avian Collisions with Power Lines: The State of the Art in 2012 (APLIC 2012) that would minimize the risk of avian collisions, injuries, and electrocutions associated with new poles and aboveground utility features, including those associated with the C738 and C510 conversions; • Species-specific USFWS and/or CDFW survey protocols and planned compliance procedures with the protocol(s), • Survey timing, methods, and boundaries, protocols for determining whether a nest is active and how to protect active nests, documentation and reporting methods for observed active nests, and surveyor qualifications; • Nest documentation (nest activity, active/inactive, etc.) and an established procedure for contacting the appropriate agencies (CPUC, CDFW, USFWS) with inactive nest removal requests for review; 	Pre and During	To Be Implemented During Construction	<p>The Nesting Bird Management Plan (NBMP) was submitted to the CPUC on August 28, 2020 and the CCC on August 14, 2020. The NBMP was approved by the CPUC on October 12, 2020. Resumes for qualified avian biologists were approved by the CPUC in 2020, prior to the start of construction of the Project. The pre-construction component of this measure is complete.</p> <p>Avian surveys will be conducted prior to construction, and nest buffers will be established or reduced in accordance with this measure and the NBMP.</p>

Measure	Measure Title	Measure Text	Timing	Status	Comments
		<ul style="list-style-type: none"> Nesting bird deterrent methods for activities to be conducted outside of the lagoons and Torrey Pines State Natural Reserve, but within nesting bird season; Species-specific buffer determinations relating to project components and protocols for requesting a reduced buffer distance from the CPUC and from the wildlife agencies; and language indicating that buffer distances shall be based on biological data and site/species-specific observations, not generalized assumptions. 			
MM BR-7	Nighttime Lighting Protection	Any lighting required for construction activities, including activities that would occur at staging areas/fly yards, stringing sites, drop zones, and other work areas, shall be minimized to the extent feasible, and shall utilize the lowest illumination necessary for worker safety, in accordance with Occupational Health and Safety Administration standards. Lighting shall be selectively placed, oriented downward, and shielded to minimize offsite light spill. Nighttime lighting in wildlife corridor areas shall be of low-sodium or similar lighting methods, in accordance with the City of San Diego MHPA requirements. Construction equipment and vehicle speeds on unpaved roads during nighttime activities shall be restricted to 15 miles per hour as described in SDG&E's NCCP, and biologists shall conduct vehicle checks for trapped or concealed wildlife prior to moving equipment after dark to minimize strike and collision risk to nocturnal wildlife species. Lights shall not be left on during nighttime hours, except as required for nighttime work and/or an emergency.	During	To Be Implemented During Construction	This measure will be implemented during construction.
MM BR-8	Butterfly Protection	<p>Any tree trimming that would occur during western monarch butterfly overwintering season (September-February) shall be observed by a CPUC-approved biological monitor who is knowledgeable about western monarch butterfly ecology and life history. The monitor shall inspect the tree to determine the presence of overwintering western monarch butterflies, or to determine if the tree has a high potential to support overwintering western monarch butterfly populations, based on tree species and historic overwintering western monarch butterfly occurrences (see Table 5.4-10). Trees may only be trimmed or removed if the biologist determines that they do not support overwintering western monarch butterfly populations. No Torrey pines or eucalyptus trees may be trimmed within the San Dieguito Lagoon, Los Peñasquitos Lagoon, Torrey Pines State Natural Reserve Extension, or the locations identified in Table 5.4-10 during overwintering season.</p> <p>To minimize the potential for impacts to wandering skipper, a Narrow Endemic Species, and in accordance with SDG&E's NCCP, the applicant shall not conduct construction activities within San Dieguito Lagoon or Los Peñasquitos Lagoon during peak flight season (July-September). If construction activities within any work areas (within or outside of lagoon areas) would result in the removal of or damage to the wandering skipper host plant (salt grass) or to native nectar sources known to support western monarch butterfly, the applicant shall restore the nectar sources at a 1:1 ratio, restoring salt grass directly, and restoring monarch butterfly nectar sources either directly, or as described by the California Coast recommendations (Xerces 2016b). Only native milkweed species may be used for restoration.</p>	During	To Be Implemented During Construction	<p>A CPUC-approved butterfly monitor will inspect trees prior to tree trimming during the overwintering season for presence of and/or the potential to support overwintering western monarch butterfly populations.</p> <p>No Torrey pine or eucalyptus trimming will occur during the overwintering seasons within the San Dieguito Lagoon, Los Peñasquitos Lagoon, Torrey Pines State Natural Reserve Extension, or the locations identified in Table 5.4-10.</p> <p>Construction activities associated with this NTP request will not be conducted within San Dieguito Lagoon or Los Peñasquitos Lagoon during the peak flight season (i.e., July to September). If construction activities within any work areas (i.e., within or outside of lagoon areas) result in the removal of or damage to the wandering skipper host plant (salt grass) or to native nectar sources known to support western monarch butterfly, SDG&E will restore the nectar sources at a one-to-one ratio, restore salt grass directly, and restore monarch butterfly nectar sources either directly or per CCC recommendations.</p>
MM CUL-1	Archaeological Site Buffer	<p>Buffers shall be established around each of the significant, known archaeological sites in areas where ground disturbance is anticipated, and the sites will be noted as "environmentally sensitive areas" to preserve confidential locational information as required by law. Information relating to the exact location of these sites shall be considered confidential and shall not be made publicly available to prevent unauthorized discovery and disturbance of archeological resources in conformance with state law.</p> <p>The buffer may consist of radial silt fencing or other means of identifying the area in which construction or ground disturbance must be avoided. Mapping and other discoverable publications shall redact citations to the specific locations of these resources.</p>	Pre, During, and Post	To Be Implemented Immediately Prior to Construction and During Construction	Buffers around the significant, known archaeological sites will be established immediately prior to construction.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM CUL-2	Cultural Resources Monitoring	<p>The applicant shall consult with all interested Native American groups, per the recommendation of the Native American Heritage Commission, prior to project construction. The tribes shall be notified at least 30 days prior to ground-disturbing construction activities and shall be invited to voluntarily observe such activities and offer any recommendations to the project's qualified archaeological monitor.</p> <p>A CPUC-approved archaeological monitor, overseen by a Secretary of Interior (SOI)-qualified archaeologist, shall monitor ground-disturbing activities in all cultural resource sites of significance identified within project work areas. The requirements for archaeological monitoring shall be noted in construction plans for the proposed project via a Cultural Resources Monitoring Plan, to be submitted to the CPUC for approval no fewer than 30 days prior to the start of project activities. The Cultural Resources Monitoring Plan shall include, at minimum, information regarding the location of project work areas/sites requiring cultural resources monitoring, how monitoring will be conducted, and the respective roles and responsibilities of the CPUC-approved archaeological monitor and the SOI-qualified archaeologist. Responsibilities for the CPUC-approved archaeological monitor shall include cultural resources monitoring and implementing stop-work authority in the event of an unanticipated cultural resources discovery during project activities. Responsibilities of the SOI-qualified archaeologist shall include evaluation of any finds, issuing clearance to recommence project activities after a stop-work order has been installed to protect potential cultural resources, analysis and curation of materials, and preparation of a monitoring activities conforming to the California Office of Historic Preservation Archaeological Resource Management Reports guidelines. The SOI-qualified archaeologist will determine when no further monitoring is required, such as in the event that bedrock or fill material is reached.</p> <p>Where cultural resources monitoring is needed at project work areas/sites within California State Parks Lands, a Permit to Conduct Archaeological Investigations on State Park Lands must be obtained by submitting Form DPR-412A at least four weeks prior to the start of project activities within State Park lands. All requirements of the permit must be fulfilled; documentation associated with the permit will be reviewed and approved by the CPUC Project Manager prior to submittal to the appropriate State Park.</p>	Pre, During, and Post	To Be Implemented Prior to and During Construction	<p>Interested Native American tribes were notified as described in Cultural Resources Monitoring Plan on October 30, 2020, which was at least 30 days prior to ground-disturbing activities related to the project. A certificate of mailing was provided to the CPUC on November 11, 2020. Interested Native American tribes are invited to attend a bi-weekly meeting to offer recommendations. Meetings will continue while archaeological monitoring is occurring.</p> <p>Resumes for qualified archaeological monitors were originally submitted to the CPUC on August 28, 2020. Additional resumes are submitted on an as needed basis. The Cultural Resources Monitoring Plan was submitted to the CPUC on August 28, 2020, and the CCC on August 14, 2020; approval from both agencies was received on January 7, 2021. During construction, archaeological monitoring will occur in accordance with this measure and the Cultural Resource Monitoring Plan.</p> <p>On March 16, 2022, the draft DPR-412A application and attachments were submitted to the CPUC for review. Approval to submit the permit application to California State Parks was received on April 27, 2022. The permit application was submitted to California State Parks on April 29, 2022. The DPR-412A permit was received from California State Parks on May 26, 2022.</p>
MM CUL-3	Cultural Resource Training	Prior to construction, all SDG&E, contractor, and subcontractor personnel associated with the proposed project shall receive training in the appropriate work practices necessary to effectively identify and implement treatment of cultural resources and to comply with the applicable environmental laws and regulations, including those related to recognizing possible buried resources and maintaining the confidentiality of resources at in-situ locations. This training shall include how to identify cultural resources (e.g., the types of resources to look for) and what procedures are to be followed upon the discovery or suspected discovery of archaeological materials, including Native American remains, as well as paleontological resources.	Pre and During	To Be Implemented Immediately Prior to Construction	The training requirements stated in this measure have been incorporated into the WEAP training associated with MM BR-3. WEAP training will be provided to all Project personnel prior to the start of construction activities associated with this NTP request.
MM CUL-4	Cultural Resource Discovery	<p>In the event that cultural resources are discovered during construction, the applicant's archaeologist and Environmental Project Manager shall be contacted upon the time of discovery. The field resource specialist shall evaluate the significance of discovered resources using CRHR and NRHP criteria and accepted practices. The CPUC must concur with the treatment of significant resources before construction activities in the vicinity of the discovery shall be allowed to resume.</p> <p>For significant cultural resources, a research design and, if needed, a data recovery program would be prepared and carried out to mitigate impacts. All collected cultural remains shall be cleaned, cataloged, and permanently curated at an appropriate institution or repatriated or redeposited in a secure location onsite if curation is infeasible. All artifacts shall be analyzed to identify their function and chronology as they relate to the prehistory or history of the area. Faunal material shall be identified as to species.</p>	During	To Be Implemented During Construction	This measure will be implemented during construction.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM CUL-5	Paleontological Resource Monitoring and Discovery	<p>A qualified paleontologist shall attend pre-construction meetings, when needed, to consult with the excavation contractor on schedules, paleontological field techniques, and safety issues. A qualified paleontologist is defined as an individual with a master's or doctorate degree in paleontology or geology and who is experienced with paleontological procedures and techniques; who is knowledgeable in the geology and paleontology of San Diego County; and who has worked as a paleontological mitigation project supervisor in the region for at least one year.</p> <p>The requirements for paleontological monitoring shall also be noted in the Paleontological Monitoring Plan to be prepared by the applicants and approved by the CPUC at minimum 30 days prior to construction beginning. A paleontological monitor is defined as an individual who has experience in the collection and salvage of fossil materials. The paleontological monitor shall work under the direction of a qualified paleontologist and shall be on site to observe excavation operations that involve the original cutting of previously undisturbed deposits with high paleontological resource sensitivity (i.e., Torrey Sandstone Formation, old paralic deposits, and very old paralic deposits).</p> <p>In the event that fossils are encountered, the paleontologist will have the authority to divert or temporarily halt construction activities in the area of discovery to allow recovery of fossil remains in a timely fashion. The paleontologist shall contact the applicant's Cultural Resource Specialist and Environmental Project Manager at the time of discovery. The paleontologist, in consultation with the applicant's Cultural Resource Specialist, shall determine the significance of the discovered resources. The applicant's Cultural Resource Specialist and Environmental Project Manager will need to concur with the evaluation procedures to be performed before construction activities are allowed to resume.</p> <p>Small fossil remains may be present, and therefore a screen-washing operation may be set up onsite. If fossils are discovered, the paleontologist (or paleontological monitor) will recover them, along with pertinent stratigraphic data. The recovery of bulk sedimentary-matrix samples for offsite wet screening from specific strata may be necessary, as determined in the field. Any fossil remains collected during monitoring and salvage will be cleaned, repaired, sorted, cataloged, and deposited at a scientific institution with permanent paleontological collections. A final summary report will be completed that would outline the results of the recovery program. The report will discuss the methods used, stratigraphic section(s) exposed, fossils collected, and significance of recovered fossils.</p>	Pre, During, and Post	To Be Implemented Prior to and During Construction	<p>The Paleontological Monitoring Plan was submitted to the CPUC on August 28, 2020 and the CCC on September 1, 2020; approval from both agencies was received on January 7, 2021. Resumes for qualified paleontological monitors were originally submitted to the CPUC in August 2020, and approval was received in December 2020. Additional resumes are submitted on an as-needed basis. The pre-construction component of this measure is complete.</p> <p>During construction, paleontological monitoring will occur in accordance with this measure and the plan.</p>
MM CUL-6	Treatment of Human Remains	<p>The applicant will follow current legal requirements at the time of discovery for the treatment of human remains. At present, pursuant to Section 5097.98 of the California PRC and Section 7050.5(e) of the California State Health and Safety Code Section and PRC Section 5097.98, if human remains or bone remains of unknown origin are found at any time during project-related construction activities, all work shall stop in the vicinity of the find, and the San Diego County Coroner shall be contacted immediately.</p> <p>If the remains are determined to be Native American, the coroner shall notify the NAHC, who shall identify the person believed to be the MLD, who shall have at least 48 hours from notification of the find to comment. The landowner and MLD, with the assistance of the applicant and the archaeologist as requested, shall make all reasonable efforts to develop an agreement for the treatment of human remains and associated or unassociated funerary objects with appropriate dignity (CEQA Guidelines Section 15064.5(d)). If the MLD and the other parties do not agree on the reburial method, the requirements of PRC Section 5097.98(e) shall be implemented, which states that "...the landowner or his or her authorized representative shall reinter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further surface disturbance."</p>	During	To Be Implemented During Construction	This measure will be implemented during construction.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM HAZ-1	Hazardous Materials Waste Management Plan / Emergency Spill and Evacuation Training	<p>Prior to construction, the applicant shall prepare a Hazardous Materials and Waste Management Plan, which shall be implemented during construction to prevent the release of hazardous materials and hazardous waste. The plan shall include the following requirements and procedures:</p> <ol style="list-style-type: none"> 1. The Worker Training Program (see MM BR-3) would include training requirements for construction workers, such as appropriate work practices, and spill prevention and response measures. Additional training for those performing excavation activities shall be required and shall include training on types of contamination and contaminants (e.g., petroleum hydrocarbons, asbestos, and hazardous materials as defined by the California HSC) and identifying potentially hazardous contamination (e.g., stained or discolored soil and odor). Training would also entail safe evacuation, which could be required due to an unanticipated major spill or other emergencies such as fires and/or natural disasters that could occur within the project area. Training would describe the means by which employees would safely vacate the affected work site and specified, approved evacuation route(s) in case of emergency. This training may be carried out as a stand-alone training module or in conjunction with the training required in MM BR-3. 2. Containment of all hazardous materials at work sites and properly dispose of all such materials. <ol style="list-style-type: none"> a. Hazardous materials shall be stored on pallets within fenced and secured areas and protected from exposure to weather and further contamination. b. Fuels and lubricants shall be stored only at designated staging areas. 3. Maintenance of hazardous material spill kits for small spills at all active work sites and staging areas. Thoroughly clean all spills as soon as they occur. If an accidental spill or fluid leak occurs at any point in time during project construction, including in locations within 50 feet of aquatic resources in unanticipated circumstances such as equipment malfunction, secondary containment strategies may be utilized to contain the spill. 4. Storing sorbent and barrier materials at all construction staging areas, including staging areas used during activities for decommissioning. Sorbent and barrier materials will be used to contain runoff from contaminated areas and from accidental releases of oil or other potentially hazardous materials. 5. Performing all routine equipment maintenance at a shop or at the staging area and recovering and disposing of wastes in an appropriate manner. 6. Monitoring and removal of vehicles used for construction-related activities with chronic or continuous leaks from use and complete repairs before returning them to operation. 7. Storing shovels and drums at the staging areas. If small quantities of soil become contaminated, shovels shall be used to collect the soil and store it in drums before proper offsite disposal. Large quantities of contaminated soil may be collected using heavy equipment and stored in drums or other suitable containers prior to disposal. Should contamination occur adjacent to staging areas because of runoff, shovels and/or heavy equipment shall be used to collect the contaminated material. Only trained construction workers shall handle hazardous, and potentially hazardous, materials. 8. Transporting, shipping, and disposal procedures for hazardous waste. 9. Identification of a qualified field environmental representative for the proposed project for management of hazardous materials, hazardous wastes, contaminated soil, and contaminated groundwater. 10. Procedures for notifying applicant and agency personnel in the event of discovery of contaminated soil and/or groundwater. Contact information for federal, regional, and local agencies; the applicant's field environmental representative and environmental coordinator(s) responsible for the cleanup of contaminated soil or groundwater; and licensed disposal facilities and haulers. <p>This plan shall be submitted to the CPUC for review and approval at least 30 days prior to the start of project construction.</p>	Pre and During	To Be Implemented Prior to and During Construction	The Hazardous Materials and Waste Management Plan was submitted to the CPUC for review and approval on October 8, 2020; and approval was received on December 2, 2020. The training requirements stated in this measure have been incorporated into the WEAP training associated with MM BR-3. The pre-construction component of this measure is complete.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM NOI-1	Limit Construction Hours	<p>Hours of operation of all construction equipment shall be limited to the following days and times as permitted by the noise ordinances in each jurisdiction:</p> <ul style="list-style-type: none"> City of San Diego: 7:00 a.m. to 7:00 p.m. Monday through Saturday (no holidays). City of Del Mar: 9:00 a.m. to 7:00 p.m. on Saturday and 7:00 a.m. to 7:00 p.m. Monday through Friday (no holidays). <p>In the event that project scheduling necessitates work outside of the hours permitted under local noise ordinances, SDG&E would meet and confer with the local jurisdictions, as needed, for guidance on scheduling and managing such construction noise in compliance with Article 9.4: Noise Abatement and Control, of the City of San Diego Municipal Code.</p>	During	To Be Implemented During Construction	SDG&E will coordinate with the City of San Diego regarding any construction activities that are anticipated to occur outside of the permitted construction hours, including any night work that may be required by the traffic control permits issued by the City of San Diego, the City of Del Mar, or the California Department of Transportation. Documentation of coordination will be provided to the CPUC prior to work occurring outside of the permitted construction hours, if required.
MM NOI-2	Advance Notice of Construction	The applicant shall notify all sensitive receptors, including residences, within 50 feet of all project components at least 30 days prior to construction activities occurring in that area to provide opportunity to avoid the noise. The notice shall include dates, times, and description of construction activities. The applicant shall provide documentation of the notice and coordination to the CPUC at least 20 days prior to construction.	Pre	Complete	<p>On February 23, 2022 (i.e., more than 30 days prior to the start of construction), SDG&E notified all sensitive receptors within 50 feet of construction activities associated with this NTP request.</p> <p>Due to the time elapsed between the first mailing and the planned start of construction, a second mailing was sent to all sensitive receptors within 50 feet of construction activities associated with this NTP request on August 19, 2022.</p> <p>A certificate of mailing was provided to the CPUC on July 13, 2022, more than 20 days prior to the start of construction.</p>
MM NOI-3	Measures to Reduce Noise Levels	<p>The applicant shall include measures to ensure that the project would not increase ambient noise levels in excess of 10 dBA or to exceed levels specified in the City of San Diego or Del Mar's noise ordinance, whichever is higher. The measures shall be selected based on the specific equipment used, activity conducted in specific locations, and proximity to sensitive noise receptors and efficacy to reduce, avoid or eliminate sources of project-generated noise in excess of acceptable standards. Specific measures may include:</p> <ul style="list-style-type: none"> Temporarily and safely installing and maintaining absorptive noise control barriers between stationary construction equipment and sensitive noise receptors when located within 200 feet of noise-intensive equipment operating more than 4 hours a day. The applicant shall notify all residents located within 50 feet of the absorptive barriers. Limiting heavy equipment activity adjacent to residences or other sensitive receptors to the shortest possible period required to complete the work activity. Ensuring that proper mufflers, intake silencers, and other noise reduction equipment are in place and in good working condition. Maintaining construction equipment according to manufacturer recommendations. Minimizing unnecessary construction equipment idling. Reducing noise from back-up alarms (i.e., alarms that signal vehicle travel in reverse) in construction vehicles and equipment by providing a layout of construction sites that minimize the need for back-up alarms. Use flagmen to minimize the time needed to back up vehicles. When possible, using construction equipment specifically designed for low noise emissions, such as equipment that is powered by electric or natural gas engines instead of diesel or gasoline reciprocating engines. Where practical, locating stationary equipment such as compressors and generators away from sensitive receptors. 	Pre and During	To Be Implemented During Construction	This measure will be implemented during construction. The use of absorptive barriers is not anticipated for construction activities associated with this NTP; however, if it becomes necessary notifications to residents within 50 feet of any absorptive barriers will be made prior their use in accordance with this measure.

Measure	Measure Title	Measure Text	Timing	Status	Comments
MM REC-1	Documentation of Conditions	<p>The applicant shall photograph pre-project conditions at the Torrey Pines and Del Mar Heights Fly Yards from multiple viewpoints to adequately represent pre-construction conditions at both sites. The applicant shall submit a portfolio of these images to CPUC staff and to appropriate representatives of Del Mar Heights School and Torrey Pines State Beach prior to the use of either facility for construction-related purposes.</p> <p>Upon completion of project construction, the applicant shall restore the fly yard sites to pre-project conditions and submit a portfolio of "before and after" photographs documenting physical conditions of each site, as applicable. The portfolio of images shall be submitted to the CPUC and to designated agents on behalf of Del Mar Heights School and Torrey Pines State Beach parking facility to ensure that the affected facilities are returned in satisfactory condition.</p>	Pre and Post	Complete	<p>SDG&E documented the Torrey Pines and Del Mar Heights fly yards prior to construction in accordance with this measure. The photographs taken were submitted to the CPUC on October 5, 2022.</p> <p>Following construction, the fly yards will be restored to their pre-construction conditions. Photographs of the sites will be submitted to the CPUC and designated agents demonstrating that restoration has been completed in accordance with this measure.</p>