

**San Diego Gas & Electric Company's
TL674A Reconfiguration & TL666D Removal Project
Water Use Estimate**

SDG&E proposed the removal of Mitigation Measure HYD-02 from the TL674A Reconfiguration & TL666D Removal Project's (Proposed Project's) Initial Study/Mitigated Negative Declaration as the construction phase of the Proposed Project is anticipated to require minimal water for the purposes of dust control. At the California Public Utilities Commission's request, we have prepared a conservative estimate of the anticipated water required for dust control purposes.

As described in Chapter 3 – Project Description and Section 4.3 Air Quality, all unpaved construction areas will be watered, as necessary, during construction to reduce dust emissions and to meet the requirements of San Diego Air Pollution Control District's Rule 55. It is anticipated that watering will be limited to locations that are accessible by a water truck. In addition, pole removal areas will not be watered due to construction in these areas lasting approximately one to two days and the limited ground disturbance that is expected in these areas.

As shown in Attachment A: Planned Dust Control Area Map and Table 1: Estimated Water Requirements, approximately 9.15 acres will require dust control during the Proposed Project. SDG&E has conservatively estimated that 100 percent of these construction areas will require dust control and that water applied to a depth of approximately 0.05 inch will be adequate. In order to be conservative and allow for potential delays in construction and/or additional application to control dust, a 20-percent buffer has been added to the anticipated water needs. As a result, it is anticipated that between 584,000 and 700,000 gallons of water will be used to control dust during the construction of the Proposed Project.












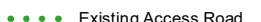



Table 1: Estimated Water Requirements

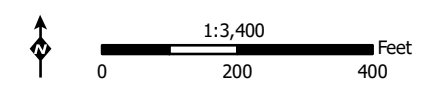
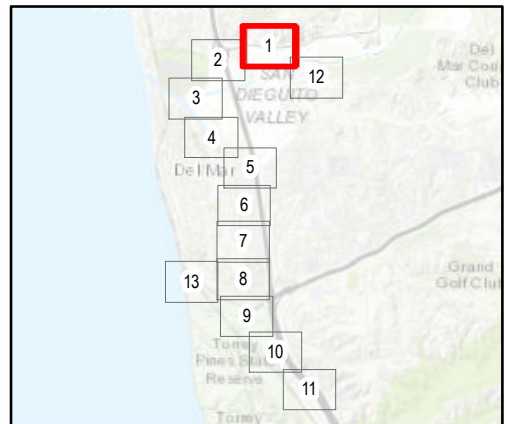
Construction Area Type	Total Area (acres)	Percent Active Construction	Area Requiring Dust Control (acres)	Depth of Treatment (inches)	Daily Watering Frequency	Daily Application Volume (gallons)	Typical Duration of Use (days)	Total Volume (gallons)	Total Volume with 20 Percent Buffer (gallons)
Stringing Site	0.65	100%	0.65	0.05	2	881.82	12	10,582	12,698
Fly Yard	4.59	100%	4.59	0.05	2	6,233.36	72	448,802	538,562
Staging Yard	1.11	100%	1.11	0.05	2	1,506.26	72	108,451	130,141
Work Area	2.22	100%	2.22	0.05	2	3,007.72	2	6,015	7,219
Existing Access	0.58	100%	0.58	0.05	2	784.55	12	9,415	11,297
Total	9.15	--	9.15	--	--	--	--	583,265	699,918

ATTACHMENT A: PLANNED DUST CONTROL AREA MAP

**Attachment A:
Planned Dust Control Area
Map 1 of 13**















**TL674A Reconfiguration &
TL666D Removal Project**

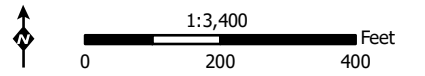
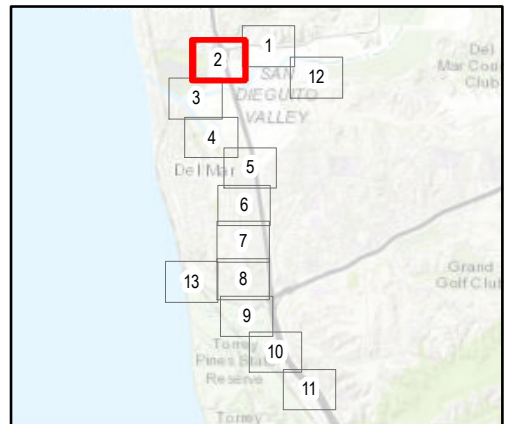
-  Existing Steel Riser Pole
-  Existing Wood Pole
-  Reconfigure Wood Pole Hardware
-  New Steel Riser Pole
-  New Steel Pole
-  Existing Vault
-  New Vault
-  New 69 kV Underground
-  Remove 69 kV Overhead
-  Existing Overhead Power Line
-  Existing Underground Power Line
-  Existing Access Road
-  Stringing Site
-  Work Area
-  Proposed Dust Control Area



**Attachment A:
Planned Dust Control Area
Map 2 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**



















-  Del Mar Substation
-  Top Existing Wood Pole
-  Remove Pole from Service
-  Existing Vault
-  New Vault
-  GuardStructure
-  New 69 kV Underground
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Underground Power Line
-  Stringing Site
-  Work Area
-  Staging Area/Fly Yard
-  Proposed Dust Control Area

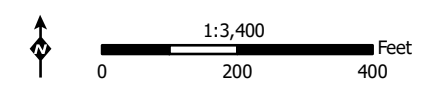
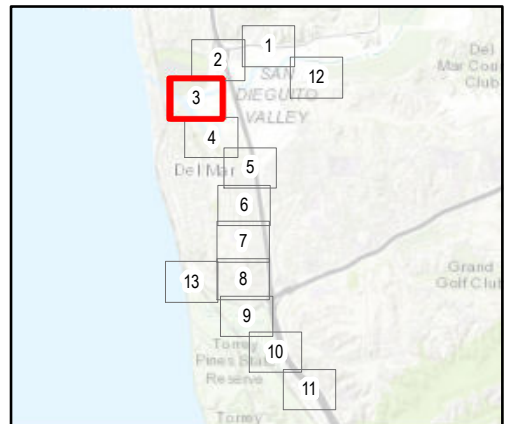


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**Attachment A:
Planned Dust Control Area
Map 3 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**

-  Temporary Wood Pole
-  Top Existing Wood Pole
-  New Wood Riser Pole
-  New Wood Pole
-  Remove Pole from Service
-  New Hand Hole
-  New Transformer
-  Guard Structure
-  New 12 kV Underground
-  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
-  Staging Area/Fly Yard
-  Proposed Dust Control Area

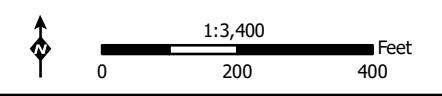
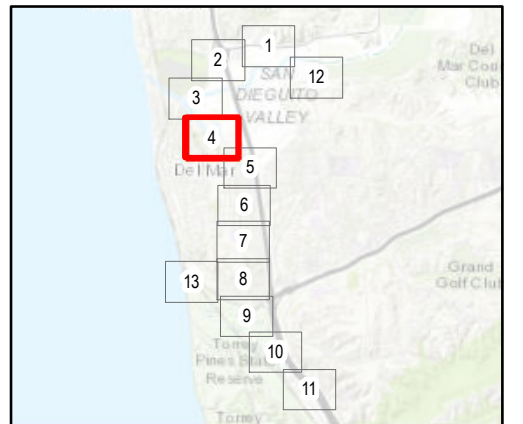


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**Attachment A:
Planned Dust Control Area
Map 4 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**








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- Ⓜ Reconfigure Wood Pole Hardware
- Ⓜ Temporary Wood Pole
- Ⓜ Top Existing Wood Pole
- ◆ New Steel Riser Pole
- Ⓜ New Wood Riser Pole
- Remove Pole from Service
- Ⓜ New Hand Hole
- ✕ GuardStructure
- ══ Existing 12 kV Overhead
- New 12 kV Underground
- Remove 12 kV Overhead
- ══ Remove 69 kV Overhead, Retain 12 kV Overhead
- Remove 69 kV and 12 kV Overhead
- ... Existing Access Road
- ... Existing Footpath
- ... Temporary Footpath
- Drop Zone
- Stringing Site
- Work Area
- Proposed Dust Control Area

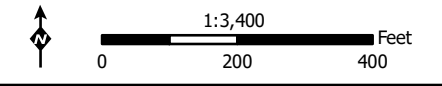
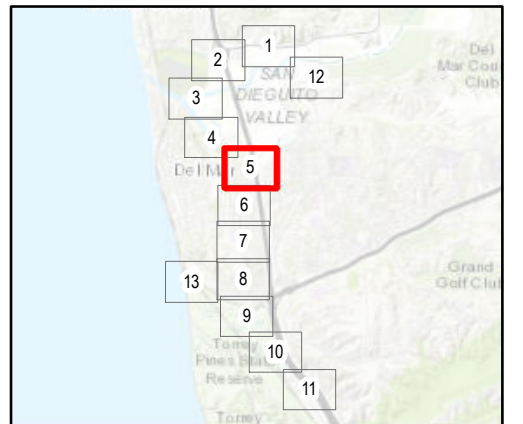
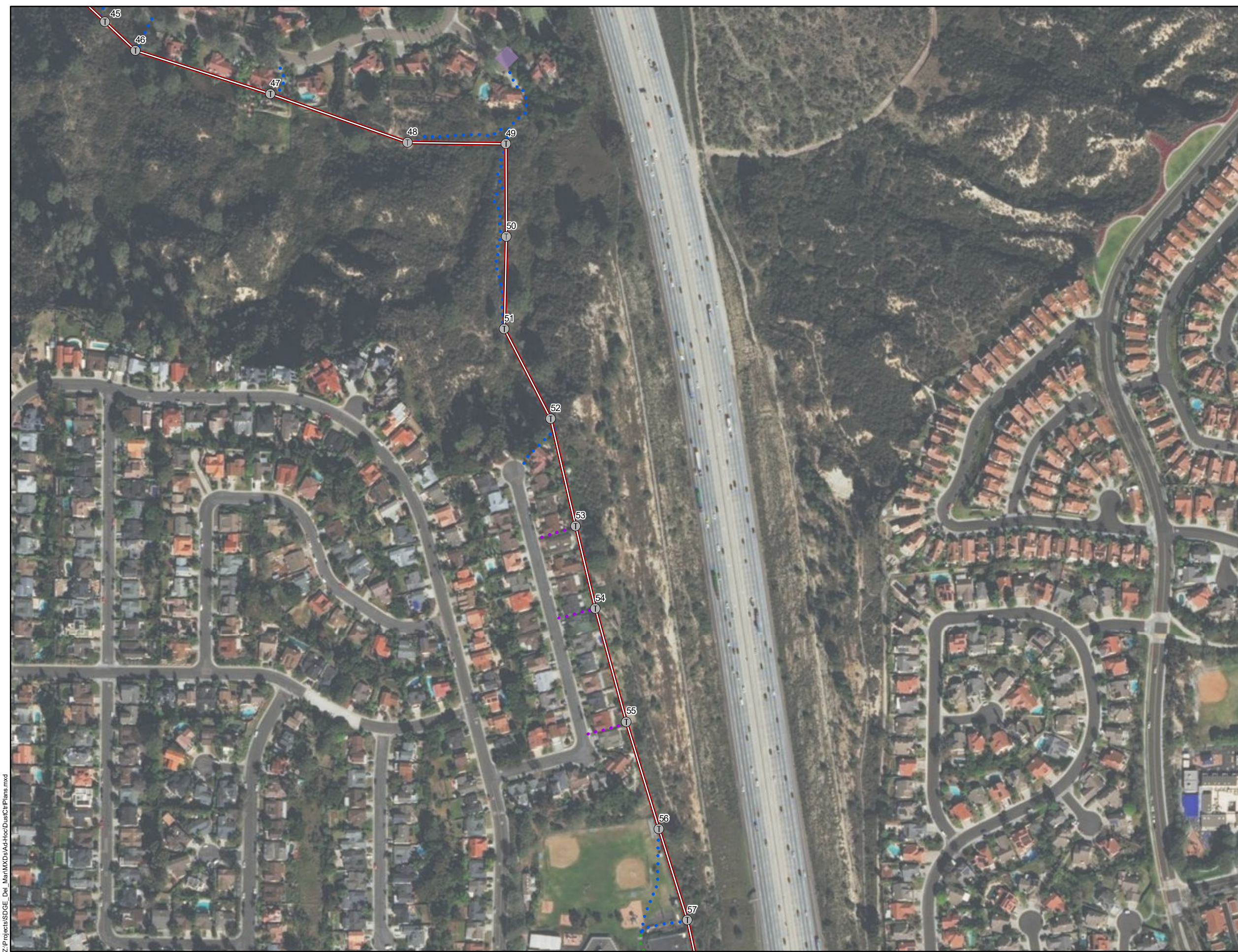


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**Attachment A:
Planned Dust Control Area
Map 5 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**










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

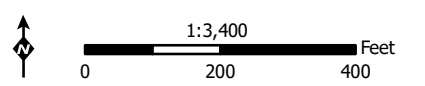
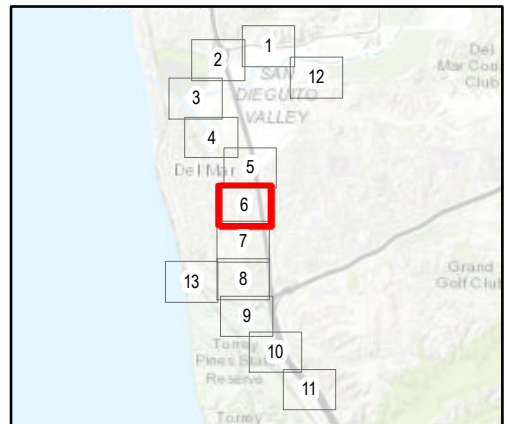


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**Attachment A:
Planned Dust Control Area
Map 6 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**









-  Top Existing Wood Pole
-  Remove Pole from Service
-  GuardStructure
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Existing Access Road
-  Existing Footpath
-  Stringing Site
-  Work Area

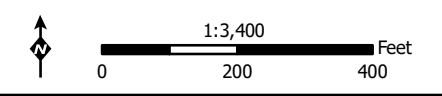
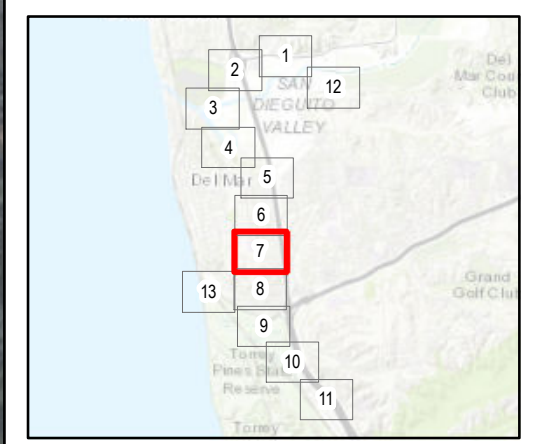


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**Attachment A:
Planned Dust Control Area
Map 7 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**






-  Remove Pole from Service
-  Remove 69 kV Overhead
-  Existing Access Road
-  Existing Footpath
-  Existing Footpath/ATV Access
-  Work Area
-  Staging Area/Fly Yard
-  Proposed Dust Control Area

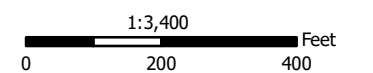
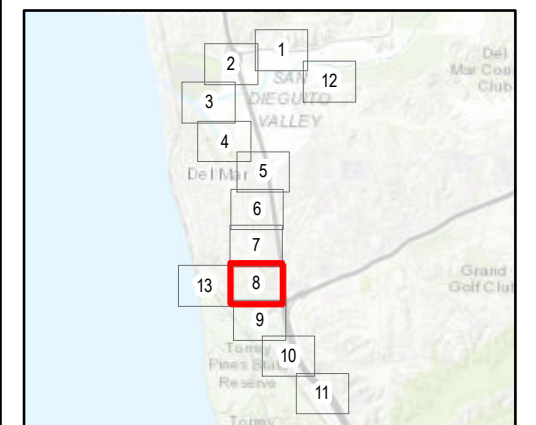
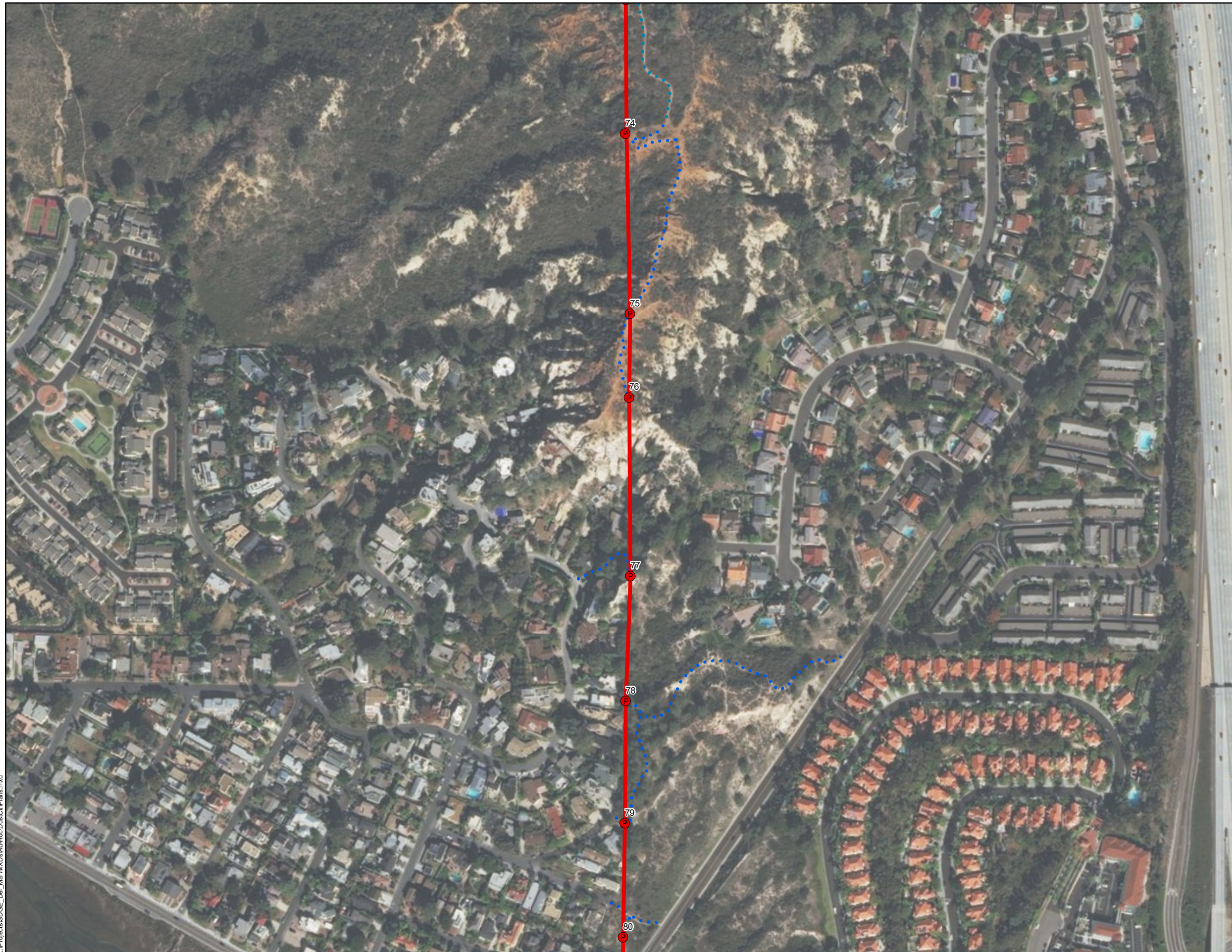


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**Attachment A:
Planned Dust Control Area
Map 8 of 13**









**TL674A Reconfiguration &
TL666D Removal Project**

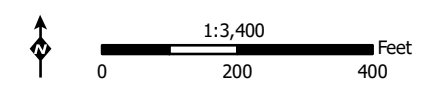
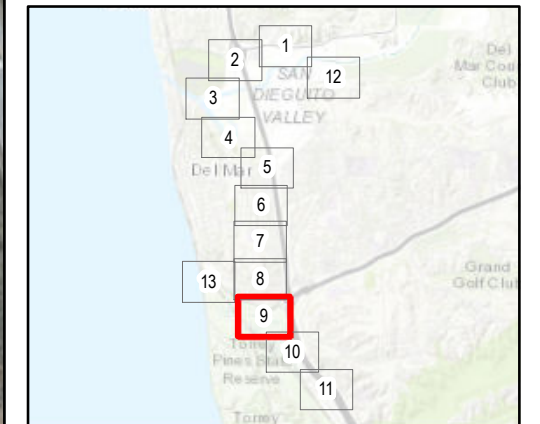
-  Remove Pole from Service
-  Remove 69 kV Overhead
-  Existing Footpath
-  Existing Footpath/ATV Access
-  Work Area



**Attachment A:
Planned Dust Control Area
Map 9 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**

















-  Remove Pole from Service
-  GuardStructure
-  Remove 69 kV Overhead
-  Existing Footpath
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area

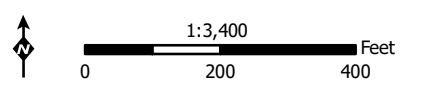
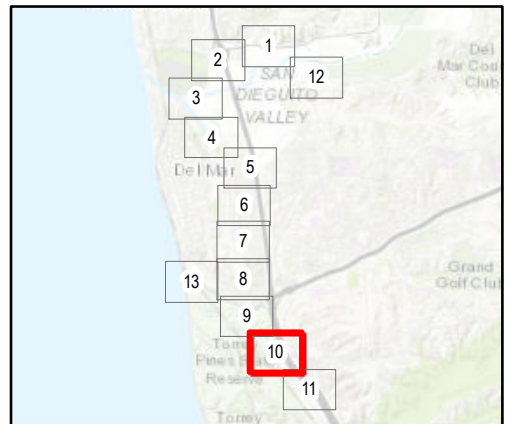


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**Attachment A:
Planned Dust Control Area
Map 10 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**










-  Reconfigure Steel Pole Hardware
-  Reconfigure Wood Pole Hardware
-  Top Existing Steel Pole
-  Top Existing Wood Pole
-  New Wood Riser Pole
-  Remove Pole from Service
-  New Hand Hole
-  New 12 kV Underground
-  Remove 12 kV Overhead
-  Remove 69 kV Overhead
-  Remove 69 kV Overhead, Retain 12 kV Overhead
-  Temporary Footpath
-  Drop Zone
-  Stringing Site
-  Work Area
-  Proposed Dust Control Area

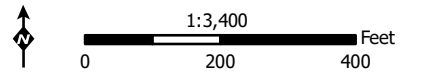
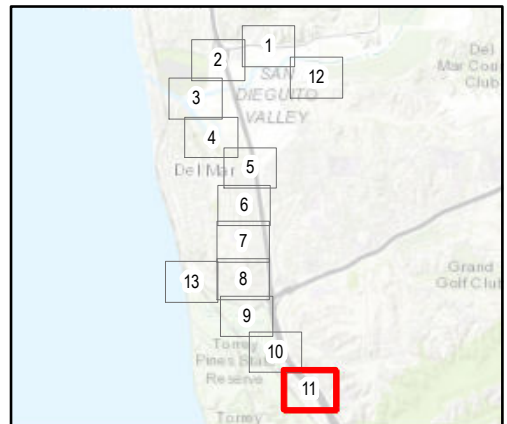


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**Attachment A:
Planned Dust Control Area
Map 11 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**




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

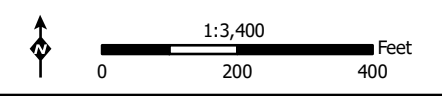
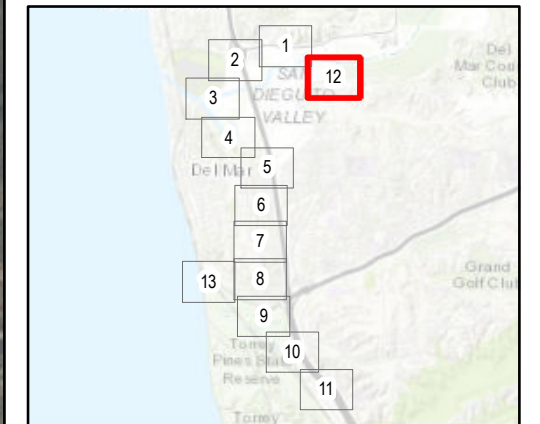


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**Attachment A:
Planned Dust Control Area
Map 12 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**


-  Existing Overhead Power Line
-  Staging Area/Fly Yard
-  Proposed Dust Control Area



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**Attachment A:
Planned Dust Control Area
Map 13 of 13**

**TL674A Reconfiguration &
TL666D Removal Project**

 Staging Area/Fly Yard

