

Attachment 2

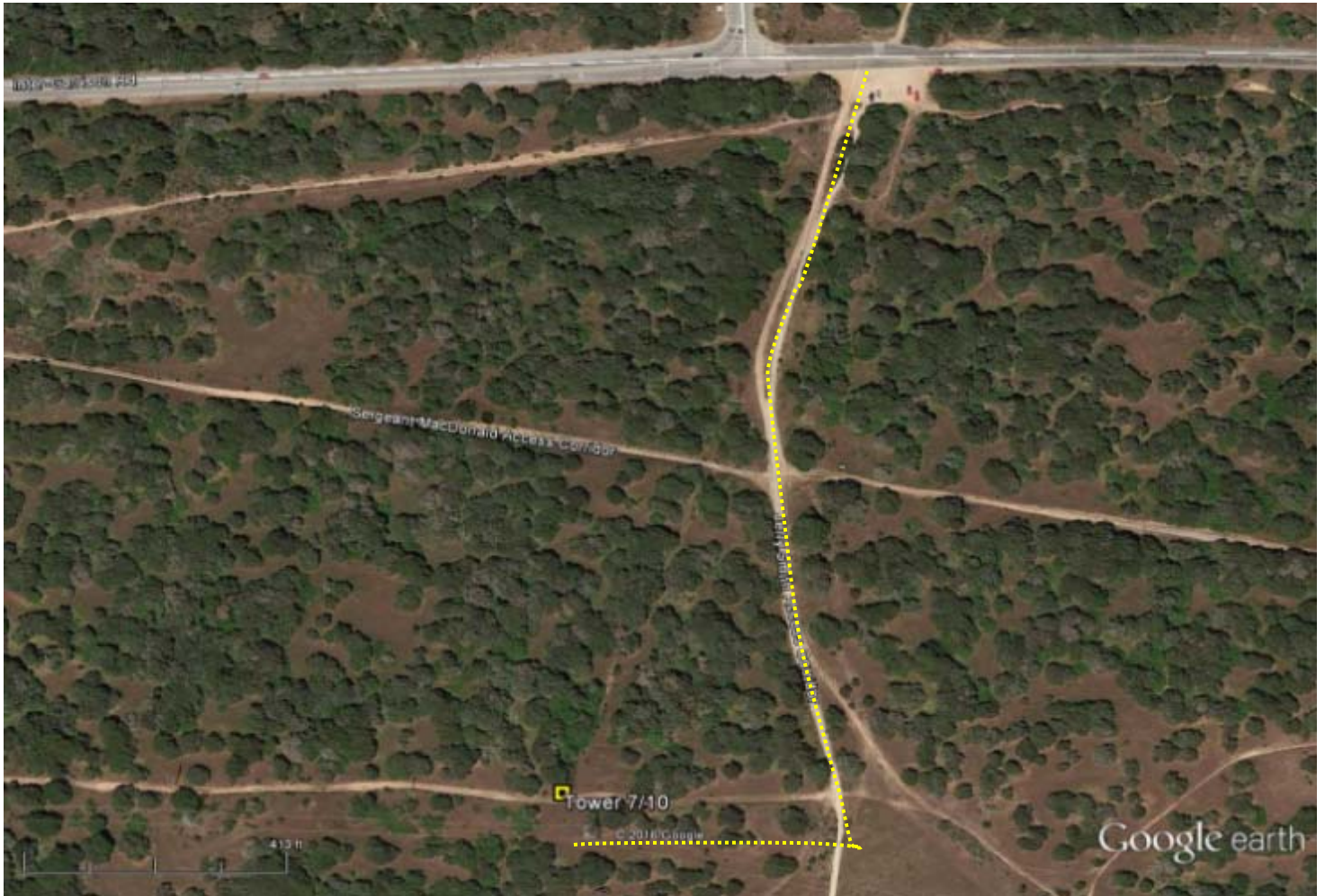
This page intentionally left blank.

ATTACHMENT B-1

PG&E Salinas to Fort Ord Tower Replacement – Vegetation Impact and Restoration Plan

The Salinas to Fort Ord Tower Replacement Project is a combination of tower and line replacement in order to maintain electric reliability to the Monterey peninsula. The tower locations 7/10 and 9/1 are within the Monterey County Resource Management area and will be tower replacements. This document identifies the vegetation impacts and restoration plan at each of these locations. All locations and vegetation control measures have been reviewed with PG&E construction personnel and the contract project arborist.

Location A, Tower 7/10 – Overview of Access Route



Access to tower 7/10 will be done via existing roads off of Inter-Garrison Road with no vegetation removal required on the access route. Shrubs A1-A4 will be removed to clear the crane access area. The staging and storage area will not require tree or shrub removal. Restoration of the grassland will be done with an erosion control seed mix and combination of mulch or wood chips. All construction fencing will be out of the drip lines of the adjacent coast live oak trees.

Location A, Tower 7/10 – Work and Stage Area (approx. 6,000 square feet)

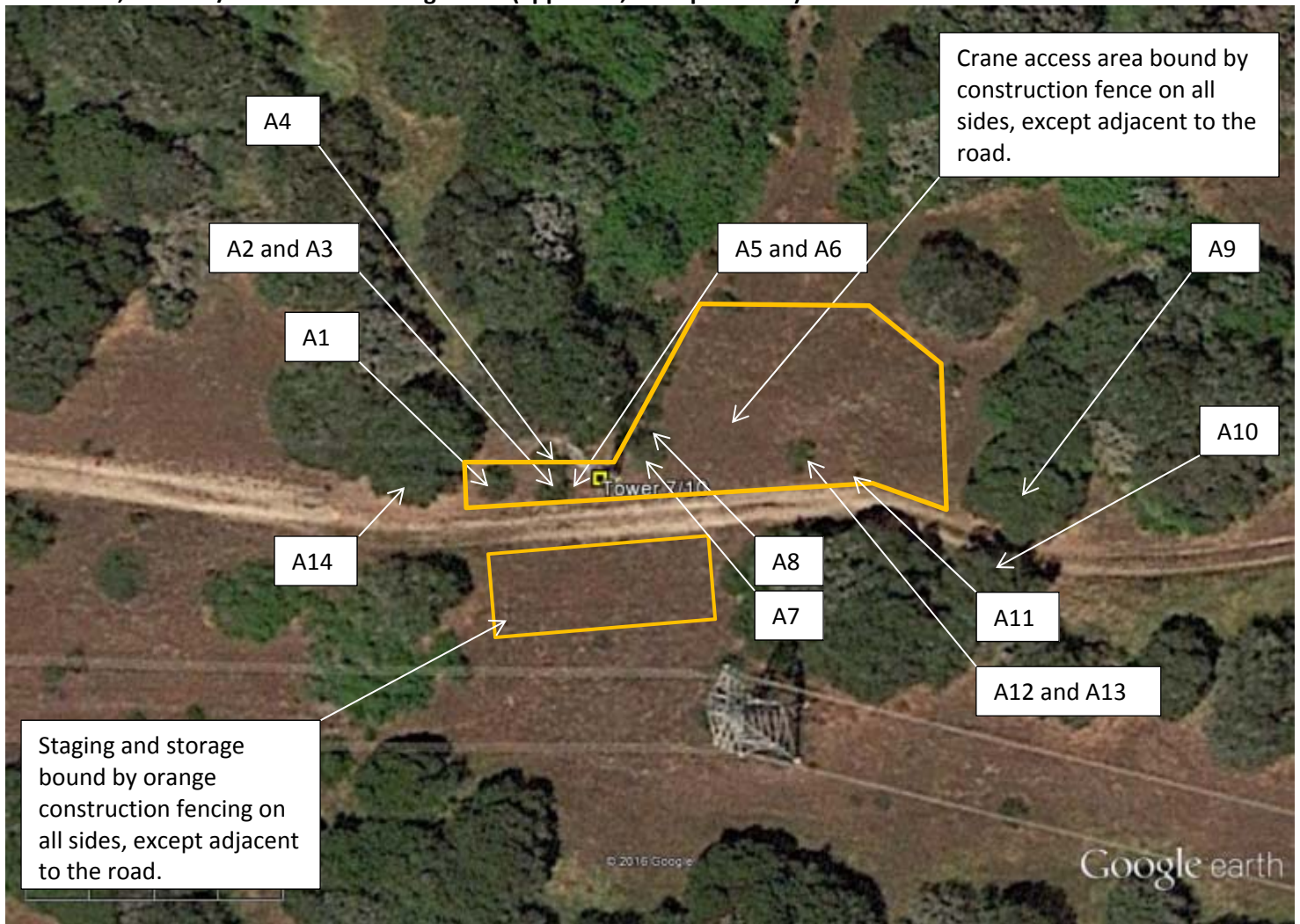
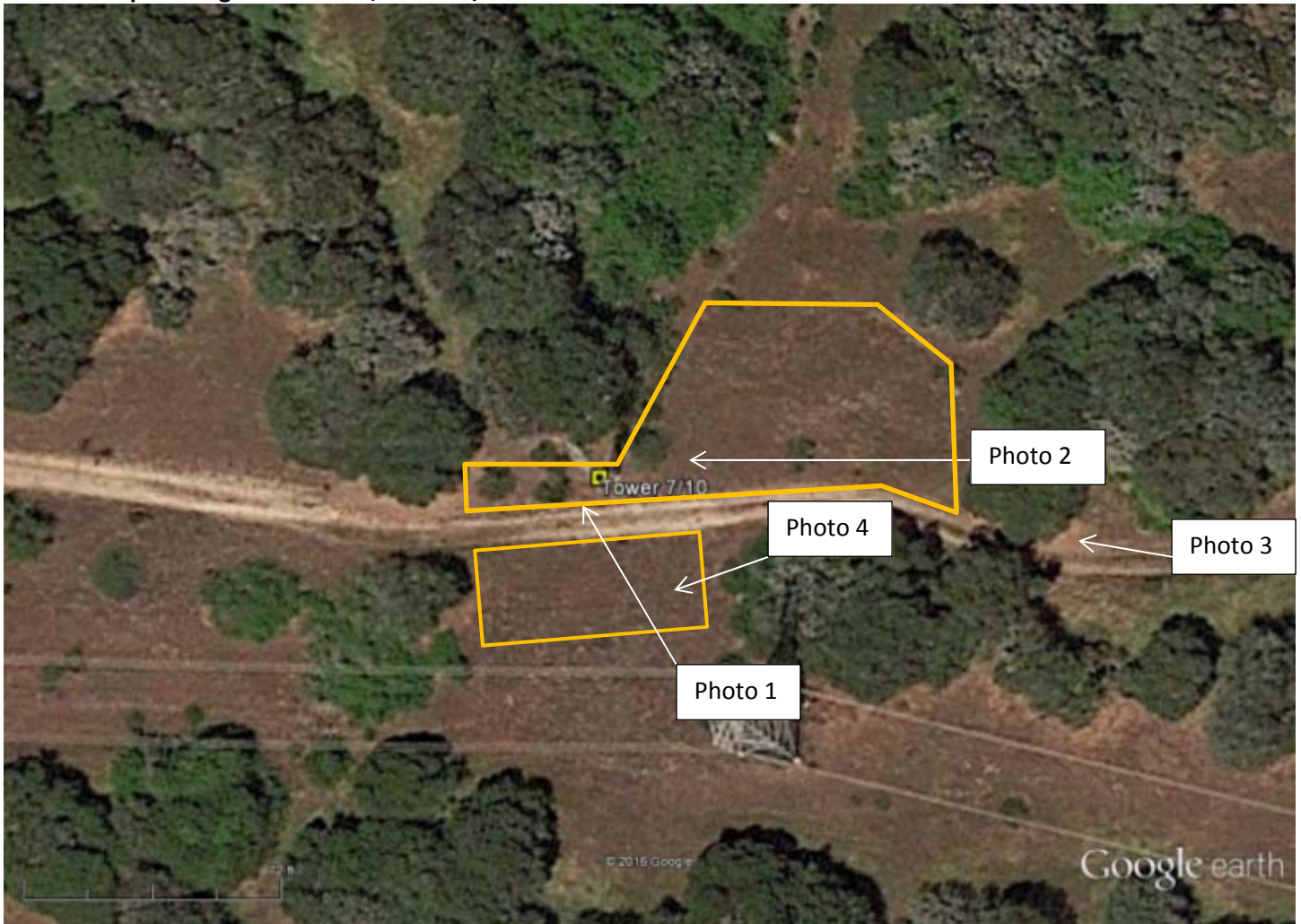


Table1 –Vegetation Inventory for Tower 7/10

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
A1	Coast live oak	Remove	2 inches	5 feet
A2	Coast live oak	Remove	< 2 inches	< 5 feet
A3	Coast live oak	Remove	< 2 inches	< 5 feet
A4	Coast live oak	Remove	2 inches	6 feet
A5	Coffee berry	Remove	N/A	N/A
A6	Coffee berry	Remove	N/A	N/A
A7	Coffee berry	Remove	N/A	N/A
A8	Coast live oak	Remove	2 inches	6 feet
A9	Coast live oak	Trim	12 inches	>20 feet
A10	Coast live oak	Trim	12 inches	>20 feet
A11	Coast live oak	Remove	--	< 1 foot
A12	Coast live oak	Remove	--	< 1 foot
A13	Coast live oak	Remove	--	< 2 foot
A14	Coast live oak	Trim	12 inches	>20 feet

Photo Viewpoint Log – Location A, Tower 7/10



Arrows indicate the direction of the following 4 photograph pages.

Photo 1



Photo 1 is taken from the staging and storage area and shows the vegetation that will be removed to allow for crane access.

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
A1	Coast live oak	Remove	2 inches	5 feet
A2	Coast live oak	Remove	< 2 inches	< 5 feet
A3	Coast live oak	Remove	< 2 inches	< 5 feet
A4	Coast live oak	Remove	2 inches	6 feet
A5	Coffee berry	Remove	N/A	N/A
A6	Coffee berry	Remove	N/A	N/A
A13	Coast live oak	Trim	12 inches	>20 feet

Photo 2



Photo 2 of the crane area directly to the east of the tower. Vegetation labeled in the photo will be removed.

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
A7	Coffee berry	Remove	N/A	N/A
A8	Coast live oak	Remove	2 inches	6 feet

Photo 3

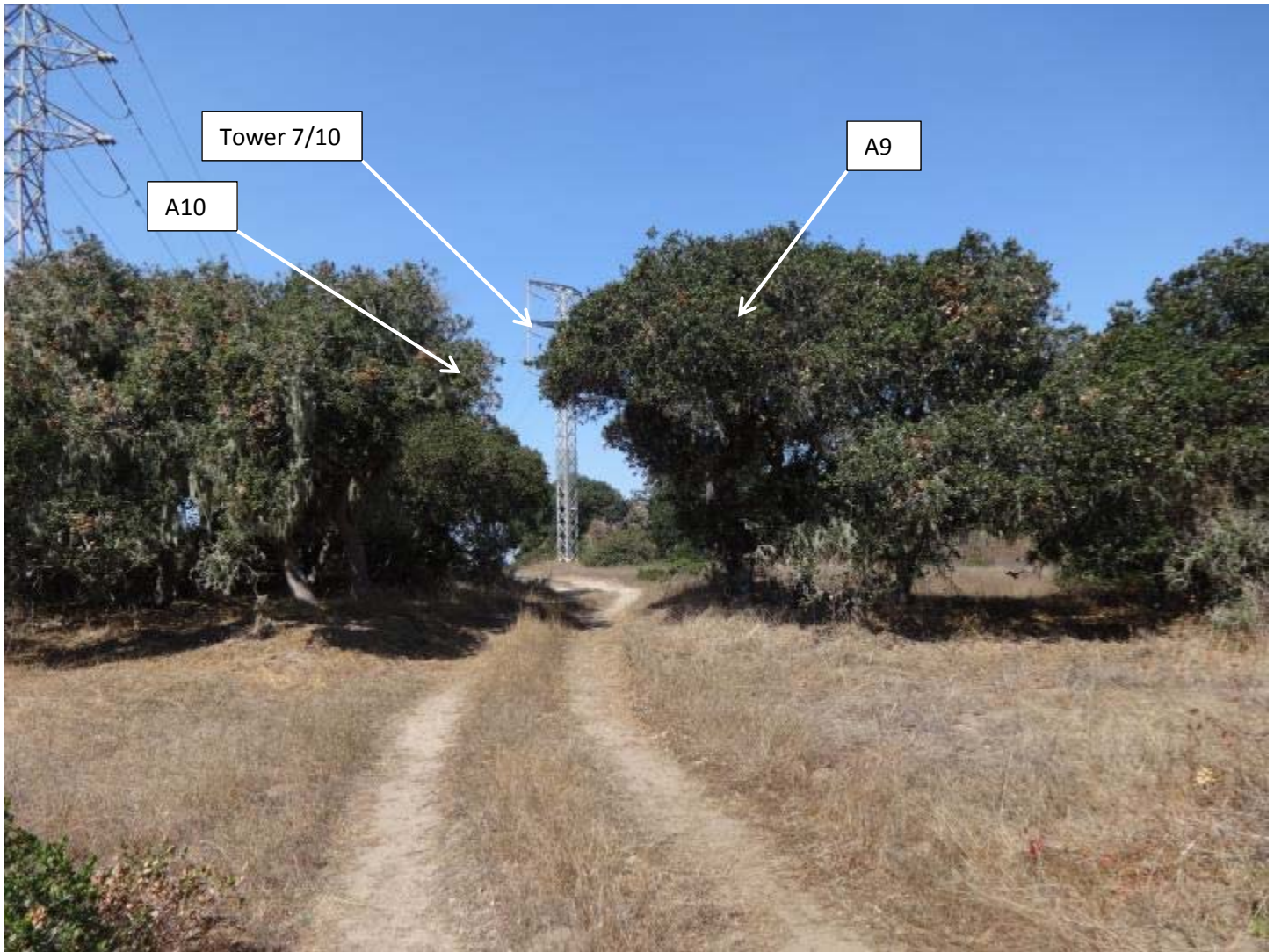


Photo 3 is the access corridor for tower 7/10 and will require trimming A9 and A10 parallel with the road and a height clearance of approximately 14 feet for crane access.

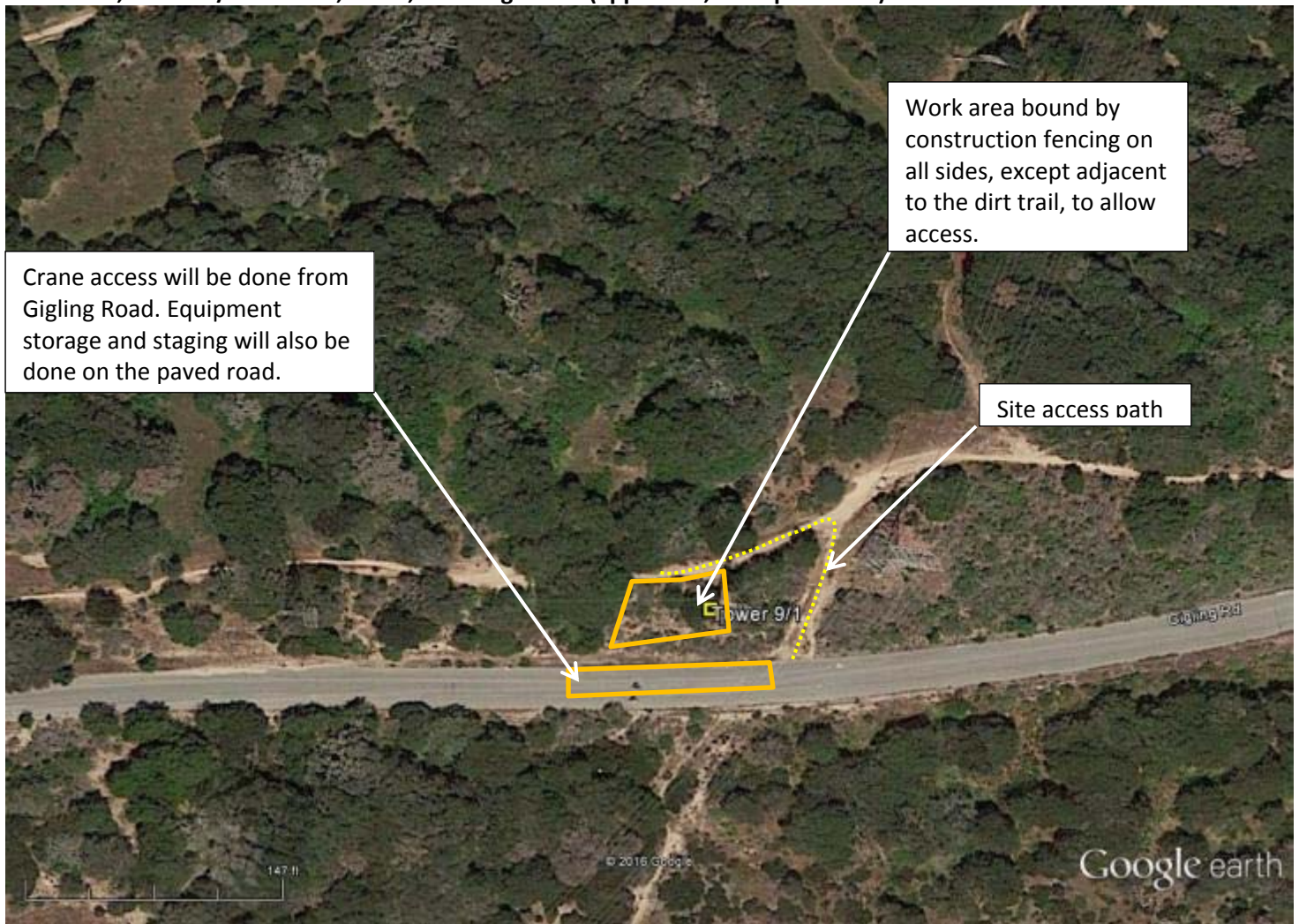
I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
A9	Coast live oak	Trim	12 inches	>20 feet
A10	Coast live oak	Trim	12 inches	>20 feet

Photo 4



Photo 4 is the south side of the access road for additional staging and storage, as shown by the orange line boundary.

Location B, Tower 9/1 – Access, Work, and Stage Area (approx. 2,000 square feet)



Access to tower 9/1 will be done through an existing gated drive. The road will need to be lightly graded to allow for equipment; ruts have developed from previous rain storms. The dirt trail, adjacent to the tower, will be used for access to the tower location.

Tower 9/1 – Vegetation within the Work Area

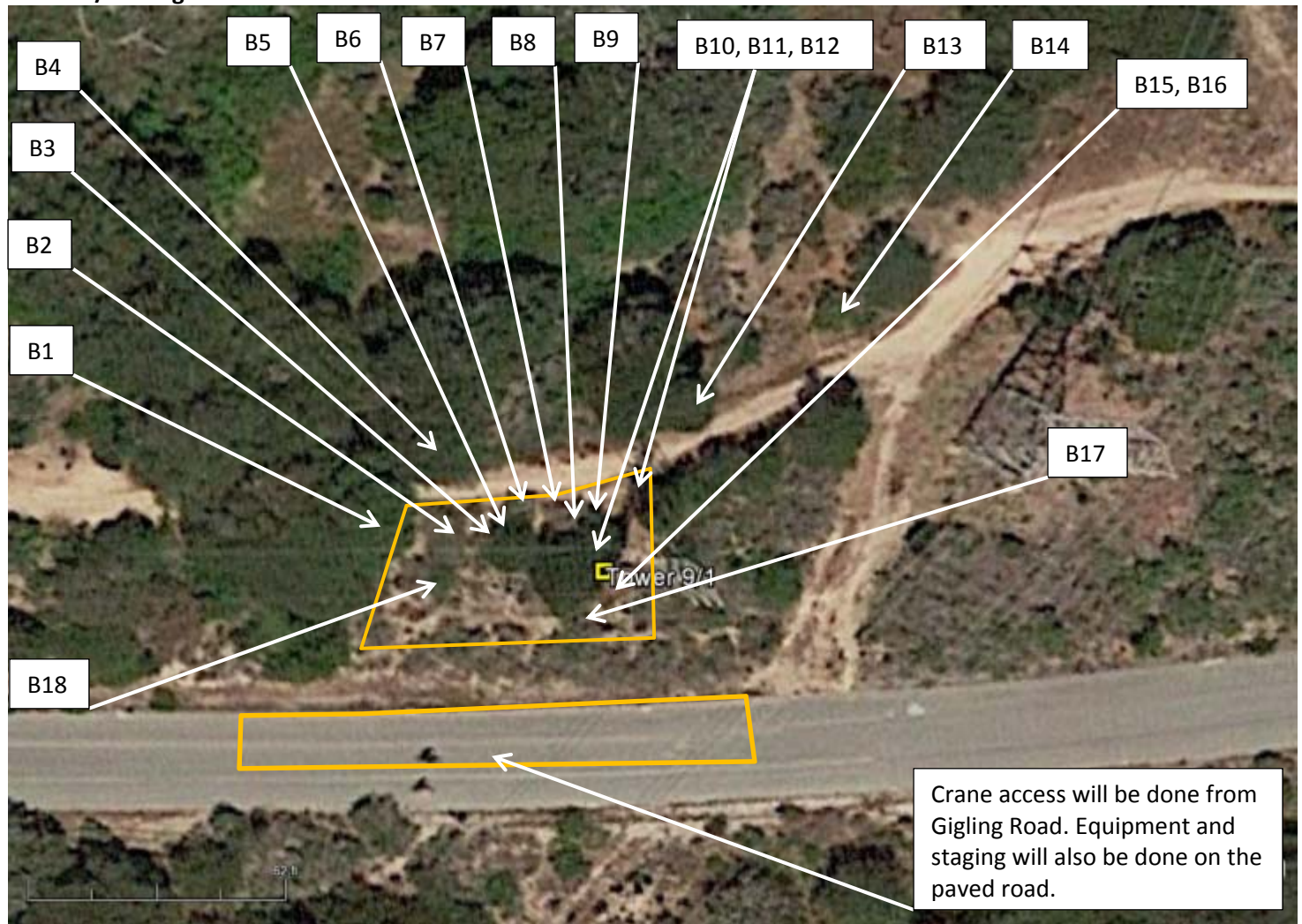


Table2 –Vegetation Inventory for Tower 9/1

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
B1	Multi-stemmed coast live oak	trim	8,8,16,10	> 15 feet
B2	sagebrush	remove	N/A	N/A
B3	Coast live oak	remove	>2 inches	8 feet
B4	Multi-stemmed coast live oak	trim	12,14	> 15 feet
B5	Coast live oak	remove	>2 inches	8 feet
B6	sagebrush	remove	N/A	N/A
B7	Sticky bush monkeyflower	remove	N/A	N/A
B8	sagebrush	remove	N/A	N/A
B9	Coast live oak	remove	3 inches	8 feet
B10	Wooly leaf manzanita	remove	N/A	N/A
B11	Wooly leaf manzanita	remove	N/A	N/A
B12	Wooly leaf manzanita	remove	N/A	N/A
B13	Coast live oak	trim	14	> 15 feet
B14	Coast live oak	remove	N/A	4 feet
B15	Coffee berry	remove	N/A	N/A
B16	Coffee berry	remove	N/A	N/A

B17	sagebrush	remove	N/A	N/A
-----	-----------	--------	-----	-----

Photo Viewpoint Log – Location B, Tower 9/1



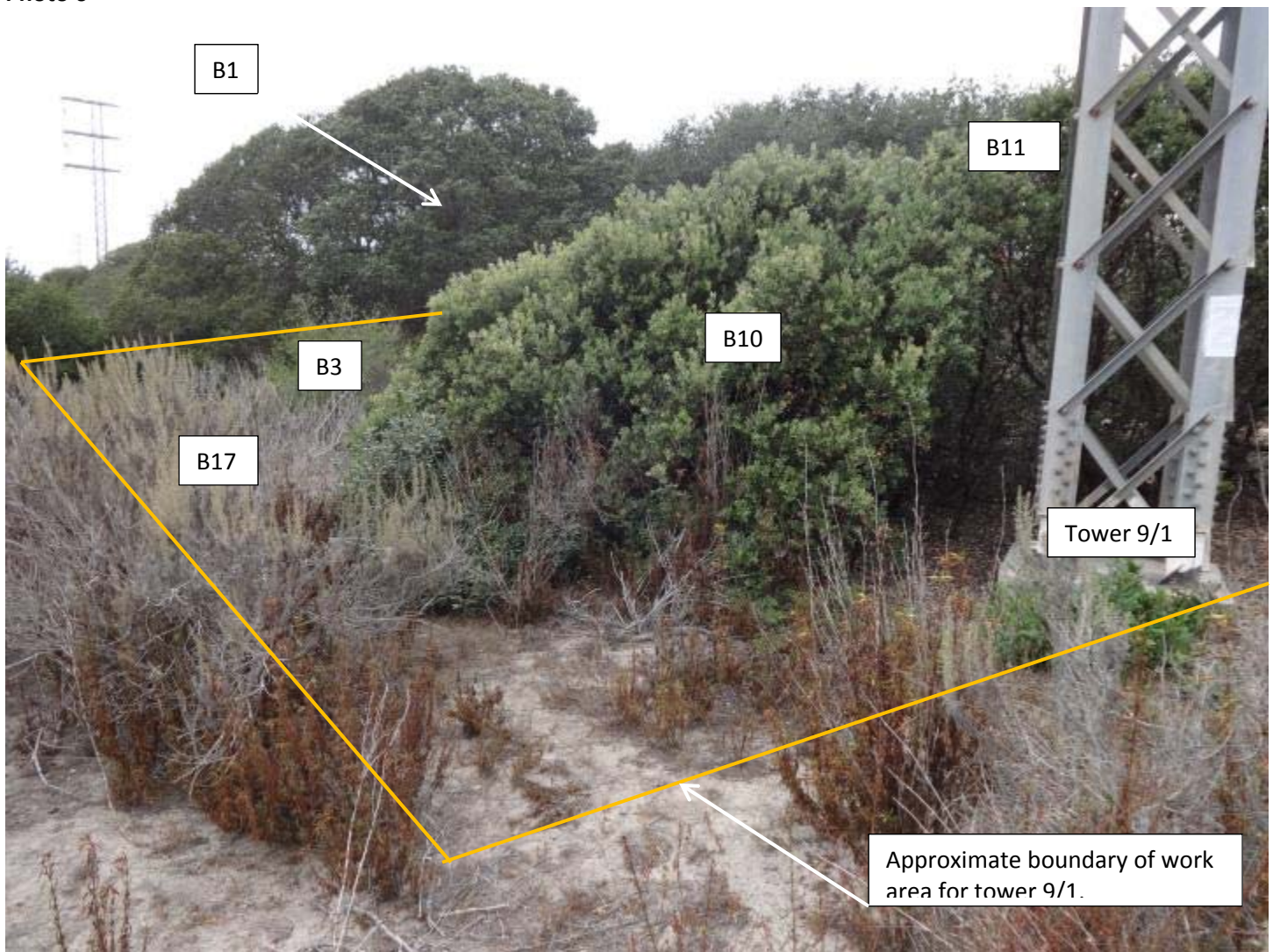
All photo points 5-8 show the approximate location and angle from the following vantage points.

Photo 5



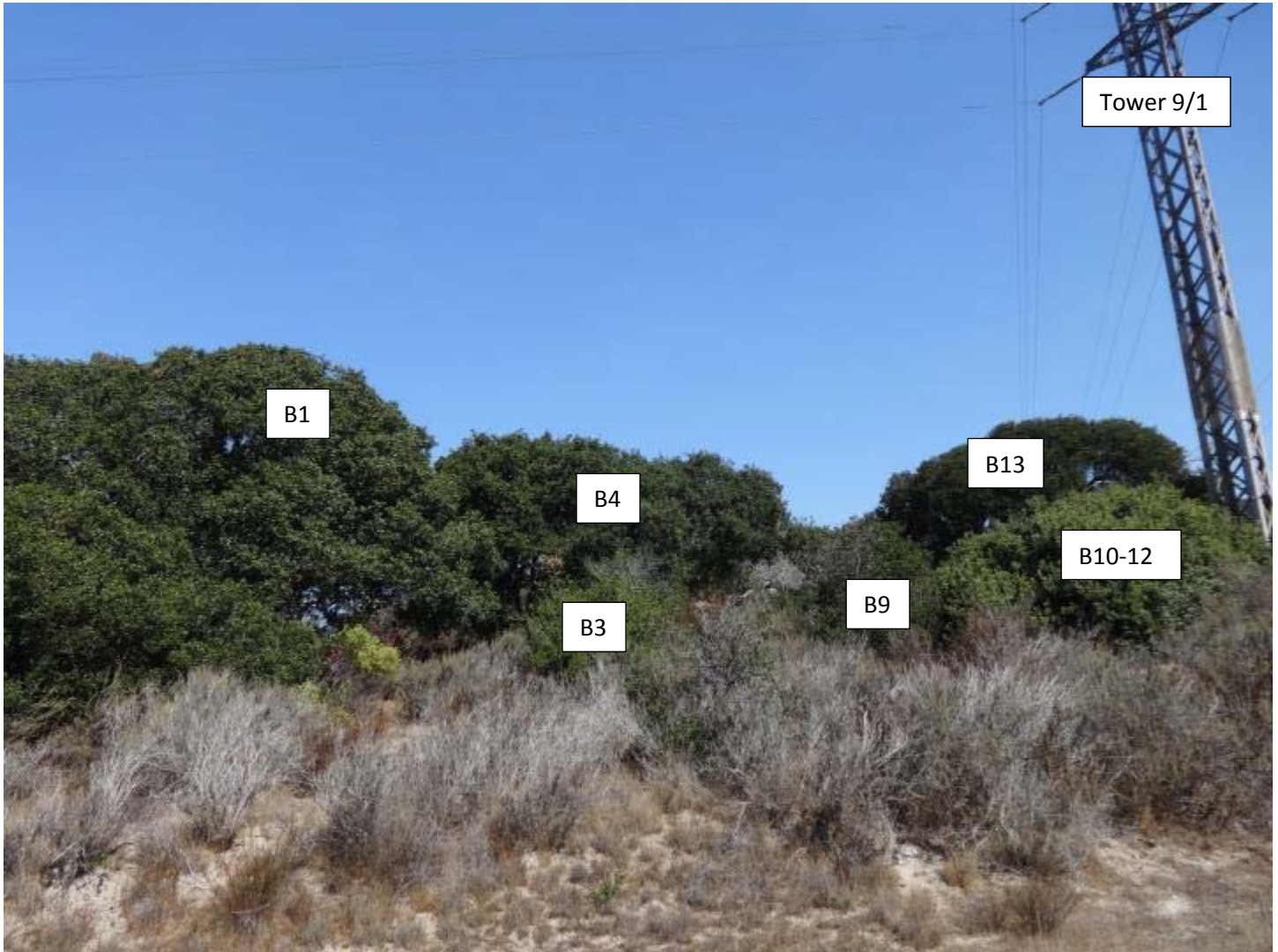
Access road to tower 9/1 will be leveled out to remove erosion rills. Grading will occur in the existing roadway (bound by the yellow dashed lines) and not expand the current footprint.

Photo 6



I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
B1	Multi-stemmed coast live oak	trim	8,8,16,10	> 15 feet
B3	Coast live oak	remove	< 2 inches	8 feet
B10	Wooly leaf manzanita	remove	N/A	N/A
B11	Wooly leaf manzanita	remove	N/A	N/A
B17	sagebrush	remove	N/A	N/A

Photo 7



Vegetation within the work area of tower 9/1. The large oak trees (B1, B4, and B13) will be trimmed while shrubs and smaller vegetation adjacent to the tower will be cut to the ground.

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
B1	Multi-stemmed coast live oak	trim	8,8,16,10	> 15 feet
B3	Coast live oak	remove	>2 inches	8 feet
B4	Multi-stemmed coast live oak	trim	12,14	> 15 feet
B9	Coast live oak	remove	3 inches	8 feet
B10	Wooly leaf manzanita	remove	N/A	N/A
B11	Wooly leaf manzanita	remove	N/A	N/A
B12	Wooly leaf manzanita	remove	N/A	N/A

B13	Coast live oak	trim	14	> 15 feet
-----	----------------	------	----	-----------

Photo 8



Access to tower 9/1 will be from an existing trail and drive from Gigling Road. Equipment turning radius will require the removal of coast live oak, shrub size trees, shown in the table below. All other vegetation inventoried and to be removed in the work area of Tower 9/1 is identified in Table 2.

I.D.	Species	Activity	DBH (tree species)	Approx. height (tree species)
B3	Coast live oak	remove	>2 inches	8 feet
B9	Coast live oak	remove	3 inches	8 feet
B13	Coast live oak	trim	14	> 15 feet
B14	Coast live oak	remove	N/A	4 feet

Table 3: Oak Tree Impact Summary Table for Location A, Tower 7/10

I.D.	Species	Activity	DBH	Approx. height
A1	Coast live oak	Remove	2 inches	5 feet
A2	Coast live oak	Remove	< 2 inches	< 5 feet
A3	Coast live oak	Remove	< 2 inches	< 5 feet
A4	Coast live oak	Remove	2 inches	6 feet
A8	Coast live oak	Remove	2 inches	6 feet
A9	Coast live oak	Trim	12 inches	>20 feet
A10	Coast live oak	Trim	12 inches	>20 feet
A11	Coast live oak	Remove	--	< 1 foot
A12	Coast live oak	Remove	--	< 1 foot
A13	Coast live oak	Remove	--	< 2 foot
A14	Coast live oak	Trim	12 inches	>20 feet

Table 4: Oak Tree Impact Summary Table for Location B, Tower 9/1

I.D.	Species	Activity	DBH	Approx. height
B1	Multi-stemmed coast live oak	trim	8,8,16,10	> 15 feet
B3	Coast live oak	remove	>2 inches	8 feet
B4	Multi-stemmed coast live oak	trim	12,14	> 15 feet
B5	Coast live oak	remove	>2 inches	8 feet
B9	Coast live oak	remove	3 inches	8 feet
B13	Coast live oak	trim	14	> 15 feet
B14	Coast live oak	remove	N/A	4 feet

Summary

Table 3 and 4 show the total number of oak trees to be removed for installation of the towers at both locations, 7/10 and 9/1. An estimated maximum total of 12 oak trees will be removed; most are under 2 inches dbh. All mature oak trees will be preserved and those identified for pruning are identified in the respective table. In order to mitigate for the removed immature oak trees PG&E shall purchase and plant oak tree saplings (1:2 mitigation ratio) based upon the number of trees removed (not to exceed 12). Replanting will occur in the area depicted below.



Vegetation Restoration and Preservation Measures

- All oak trees adjacent to the work sites will be preserved by installation of exclusion fence.
- Fencing will not encroach in the drip lines of the preserved oaks.
- Grassland restoration will include the application of an erosion control seed mix. Application of wood chips or mulch will be used to stabilize the soil and meet the 70% SWPPP criteria.
- All measures shown in the biological memorandum, Salinas-Fort Ord 60 kV Power Line Replacement Project, will be followed for resource protection.