



Nest Survey Report

Date: 05/31/2017

Biologist(s): Amy Trexler

Survey Area/Location/Structures:

Stations 250 - 320
(Segment 5 – Sections 15, 16, 17, 18 and 19)

Proposed Construction within Survey Area:

Proposed construction activities include pot-holing and excavation and trenching for installation of new underground 230kV line and vaults.

Is Vegetation Clearing Required? Yes: No:

Was Complete Survey Coverage Achieved? Yes: No:

Details of modifications to the survey area if complete coverage was not achieved: N/A

Survey Conditions:

	Start	End
Time	11:55 am	1:48 pm
Temperature (°F):	65 °	65 °
Wind Speed (mph):	0-5 mph	0-5 mph
Cloud Cover (%):	100%	100%
Precipitation Type (if any) and duration:	n/a	n/a

Habitat(s) and Vegetation Description within Survey Area:

- Eucalyptus woodland
- Ornamental
- Disturbed

Description of Survey Methodology:

The biologists conducted active and passive surveys within a survey buffer of 0.25 mile for white tailed kite, 500 feet for raptors, coastal California gnatcatcher, and least Bell’s vireo, 250 feet for passerine birds in open space, and 150 feet for common passerines in residential, commercial and industrial areas. Active survey methods included walking meandering transects through the habitats while observing bird behavior with the aid of binoculars and directly searching in vegetation, the ground, the towers/poles, and other potential nest substrates. Passive survey methods included stationary observation periods from select vantage points that provided maximum visibility of the survey areas, using binoculars as necessary. If potential nesting behavior was observed within the survey buffers, specific shrubs were directly searched for nests in the areas where birds may have been observed exhibiting higher levels of activity or potential breeding behavior. All potential raptor nesting areas within the survey buffers were searched directly and/or with the aid of binoculars. Visibility, access, time of year and weather conditions were all conducive to collecting comprehensive breeding data, and ample time was spent surveying all potential nest sites.

Suitable Raptor Nesting Habitat:

Yes:

No:

Suitable CAGN Nesting Habitat:

Yes:

No:



Suitable LBV Nesting Habitat:

Yes:

No:

Survey Results

Nest(s) Located (complete table below if yes)*:

Yes:

No:

(Include previously located nests and current status)

Nest ID ¹	Species ²	Listing Status ³	Nest Stage ⁴	Observation Notes ⁵	Latitude (decimal degrees)	Longitude (decimal degrees)
05112017_ACT_01	Cassin's Kingbird (CAKI)	Common	Inactive	5/11- Observed adult pair chase off a crow in the vicinity of the nest. Male flew off and female remained sitting near the nest. Potentially incubating. Due to height of nest in the tree, eggs/chicks were not visible. 5/16- Observed female sitting in the nest. Chased off a crow in the area then returned to the nest. 5/22- Observed female sitting in nest. 5/31- Observed adult pair taking material from the nest multiple times and flying to a secondary location outside the project buffer. Pair is likely abandoning this nest location due to the close proximity of the American crow nest in the adjacent tree.	32.89580	-117.13696
05312017_ACT_01	American Crow (AMCR)	Common	Incubating	5/31- Observed female sitting in the nest.	32.89581	-117.13700

1 – Date (mmdyyy)_Biologist Initials (ABC)_Number ID (01)

2 – Include common name and four letter AOU species code

3 – 3 – Federally Endangered (FE), Federally Threatened (FT), State Endangered (SE), State Threatened (ST), Species of Special Concern (SSC), Watch List (WL), Common

4 – Building, Incubating, Nestling, Fledged, Complete/Inactive

5 – Observation Notes: Item Carry (IC- nest material, food items, fecal sacs that indicate nesting in progress), Agitated/Territorial Behavior (ATB – indicating potential nest sites or an intent to nest), Courtship Behavior (CB – copulation, chasing flights, displays, etc.), Pair in Suitable Habitat (PSH – utilizing all or portions of the buffer zone), Other

Avian Species Observed (complete common name):

American crow (AMCR), black phoebe (BLPH), bushtit (BUSH), Cassin's Kingbird (CAKI), European starling (EUST), house finch (HOFI), mourning dove (MODO), northern mockingbird (NOMO), and song sparrow (SOSP).



Additional Notes (see Avian Species Observed and Observation Notes for definition of abbreviations):

Nesting WTKI within 0.25 miles:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
Nesting Raptor, CAGN, or LBV within 500 feet:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
Nesting Passerine within 250 feet (open space only):	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
Nesting Passerine within 150 feet (residential, commercial, residential areas):	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>

Establishment of Nest Buffer and Justification:

05312017_ACT_01: American crow – 150-foot buffer required within work area (work within area would require a buffer reduction request). Nest is approximately 100 ft. high in a pine tree. Nest is located between a busy roadway and an industrial parking lot. Observed the female sitting in the nest and the male perched in a nearby pine tree. Due to the height of the nest in the tree, eggs/chicks were not visible. Ambient noise levels were high at the time of observation (traffic noise). The adults engaged in normal, non-distressed behavior (incubating) during the biologist's presence.

05112017_ACT_01- A nest buffer reduction request was approved by the CPUC on May 15, 2017. No changes or modifications to this nest buffer reduction request are required or recommended.