



Nest Survey Report

Date: 05/23/2017

Biologist(s): Amy Trexler

Survey Area/Location/Structures:

Stations: 14 to 60

Segment 5 - Sections 1, 2, 3, and part of 4

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	6:21 am	9:35 am
Temperature (°F):	60 °	67 °
Wind Speed (mph):	0-5 mph	0-5 mph
Cloud Cover (%):	100%	5%
Precipitation Type (if any) and duration:	n/a	n/a

Habitat(s) and Vegetation Description within Survey Area:

- Southern coast live oak riparian forest
- Southern willow riparian forest
- Coastal sage scrub
- 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)
03212017_BSL_01	American kestrel (AMKE)	Common	Nestlings/ Fledglings	<p>3/21- Pair observed entering into north arm of existing steel tower (Z119817). Nest material blew out of nest cavity; CB</p> <p>3/29- One adult observed perched on top of tower; possibly incubating</p> <p>4/13- No activity observed, possibly incubating.</p> <p>5/10- Adult observed bringing food into the nest. Number of chicks unknown due to location of nest inside pole.</p> <p>5/23- Observed one fledgling perched on a wooden power pole along with the adults. Potentially other chicks in the nest that have not fledged yet.</p>	32.88932	-117.20317
03212017_BSL_03	Red-tailed hawk (RTHA)	Common	Nestlings	<p>3/29- Adult observed on nest in western sycamore slightly above street level. Mate foraging nearby.</p> <p>4/13- Adult observed sitting on nest.</p> <p>5/12- Observed 2 chicks sitting in the</p>	32.890656	-117.194337



				nest. Chicks are approximately 14 days old. 5/23- Observed two chicks in the nest and the adult sitting in a nearby tree.		
03292017_BLM_01	Red-tailed hawk (RTHA)	Common	Fledged/Complete	3/29- Adult observed on nest in western sycamore. 4/13- Male observed bringing food to nest, 3 chicks visible with natal down. 5/12- Observed 3 fledglings sitting in the tree near the nest. Still reliant on adults for food, have not left the area yet. 5/23- Fledglings have left the nest. Monitoring can be discontinued.	32.88905	-117.19857
03292017_SML_03	Anna's Hummingbird (ANHU)	Common	Fledged/Complete	3/29- Adult observed tending to nest; approx. 40% complete. 4/13- Female observed sitting in nest. 5/12- Two chicks observed in nest; about to fledge. 5/23- Fledglings have left the nest; Monitoring can be discontinued.	32.88937	-117.19962

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), American kestrel (AMKE), Anna's hummingbird (ANHU), Allen's hummingbird (ALHU), black phoebe (BLPH), brown-headed cowbird (BHCO), bushtit (BUSH), California gull (CAGU), California scrub jay (CASJ), California towhee (CALT), European starling (EUST), house finch (HOFI), house



wren (HOWR), lesser goldfinch (LEGO), mourning dove (MODO), red-tailed hawk (RTHA), song sparrow (SOSP), spotted towhee (SPTO), white-throated swift (WTSW), and wrenit (WREN).

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

- Song sparrow, bushtit, wrenit: pairs observed in suitable habitat and displaying territorial behavior

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 checked="" type="checkbox"/>	No: <input 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 type="checkbox"/>	No: <input checked="" type="checkbox"/>

Establishment of Nest Buffer and Justification:

03212017_BSL_01- A nest buffer reduction request was approved by the CPUC on March 31, 2017. No changes or modifications to this nest buffer reduction request are required or recommended.

03212017_BSL_03- A nest buffer reduction request was approved by the CPUC on May 13, 2017. No changes or modifications to this nest buffer reduction request are required or recommended.

03292017_BLM_01- A nest buffer reduction request was approved by the CPUC on May 13, 2017. However, this nest has been determined complete (chicks have fledged) on 5/23/17, and daily monitoring is no longer necessary.

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