



Nest Survey Report

Date: 05/17/2017

Biologist(s): Amy Trexler and Brynne Mulrooney

Survey Area/Location/Structures:

Stations: 25 to 66

Segment 5 - Sections 2, 3, and 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	9:30 am	12:45 pm
Temperature (°F):	61 °	66 °
Wind Speed (mph):	0-5 mph	0-5 mph
Cloud Cover (%):	95%	50%
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_03	Red-tailed hawk (RTHA)	Common	Nestlings	3/29- Adult observed on nest in western sycamore slightly above street level. Mate foraging nearby. 4/13- Adult observed sitting on nest. 5/12- Observed 2 chicks sitting in the nest. Chicks are approximately 14 days old. 5/17- Observed 3 chicks sitting in the nest. Mother was extremely agitated (circling/calling) by a non-project related crane lift on the street near the nest. Agitation was attributed to the crane lift height being taller than the nest level.	32.890656	-117.194337
03292017_BLM_01	Red-tailed hawk (RTHA)	Common	Fledglings	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	32.88905	-117.19857



				adults for food, have not left the area yet. 5/17- The 3 fledglings were sitting in/next to an old nest located in a different tree from primary nest. Fledglings are becoming more mobile; however, still seem reliant on the Mother.		
05172017_BLM_01	Killdeer (KILL)	Common	Building	5/17- Observed pair nest building and creating a divot in the ground. Pair was giving off an alarm call and were agitated by surveyors presence when nest was approached to look for eggs (within 10 ft.).	32.89255	-117.18799

- 1 – Date (mmdyyy)_Biologist Initials (ABC)_Number ID (01)
- 2 – Include common name and four letter AOU species code
- 3 – Federally Endangered (FE), Federally Threatened (FT), 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), Anna’s hummingbird (ANHU), Allen’s hummingbird (ALHU), Bewick’s wren (BEWR), black phoebe (BLPH), bushtit (BUSH), California gull (CAGU), California scrub jay (CASJ), California towhee (CALT), common yellowthroat (COYE), European starling (EUST), house finch (HOFI), killdeer (KILL), lesser goldfinch (LEGO), mallard (MALL), mourning dove (MODO), northern mockingbird (NOMO), pacific-slope flycatcher (PSFL), 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, California scrub jay: 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 checked="" type="checkbox"/>	No:	<input 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_03: A nest buffer reduction request was approved by the CPUC on March 31, 2017. This buffer reduction request was for establishment of a 150 foot buffer for potholing activities. No changes to the buffer distance, or monitoring requirements is proposed. A modified buffer reduction request for this nest was approved by the CPUC on May 15, 2017 to reflect the change in construction activities.

03292017_BLM_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. While the red tailed hawk was agitated by non-project related activity, agitation was attributed to the crane lift height being taller than the nest level. Construction activities associated with this project will be on the road within the right-of-way. No change or modification to the buffer is recommended at this time. Buffer may be modified if daily monitoring indicates disturbance from project related construction activities.

05172017_BLM_01: 250-foot buffer required within work area (work within area would require a buffer reduction request, attached). Observed pair nest building and creating a divot in the ground. Nest is located in between a busy roadway and a golf course parking lot. Ambient noise levels were high at the time of the survey (traffic and jet noise). Pair was giving off an alarm call and were agitated by surveyors presence when the spot was approached (within 10ft.) to look for eggs. Nest buffer reduction is recommended at distance greater than 10 feet.