



Nest Buffer Reduction Request #9 Revised

To: Billie Blanchard, California Public Utilities Commission (CPUC)

Cc: Jeff Thomas (Panorama), Sheila Hoyer (Panorama)

Subject: Mitigation Measure (MM) Biology-7 Nest Buffer Reduction Request

From: Amy Trexler, Qualified Biologist

Date: 06/20/2017

In accordance with MM Biology-7 of the Sycamore-Peñasquitos 230 kV Transmission Line Project (Project) San Diego Gas & Electric (SDG&E) is requesting nesting bird buffer reductions to accommodate scheduled potholing, saw cutting, and trenching activities associated with construction of the underground alignment of the Project. This nest buffer reduction request was initially submitted on June 16, 2017. It has been revised as a result of feedback from the CPUC, as well as the SDG&E construction team. If granted, the duration of these buffer reductions would be effective until ground disturbing activities are complete within the reduced buffer or the nest becomes inactive, whichever occurs sooner.

A total of 3 new common bird species nests have been identified between STA 432 + 00 and STA 466 + 00 as identified in the Nest Survey Reports dated June 14, 2017, and June 19, 2017. The attached table contains the following information for each recorded nest SDG&E is requesting a buffer reduction for:

- Species
- Location
- Pre-existing conditions present on site
- Description of the work to be conducted within the reduced buffer
- Size and expected duration of proposed buffer reduction
- Reason for the buffer reduction

Also, please find attached a map showing the location of the documented nest, the standard nest buffer limits identified in MM Biology-7, and the reduced buffer limits being recommended by the Qualified Biologist.

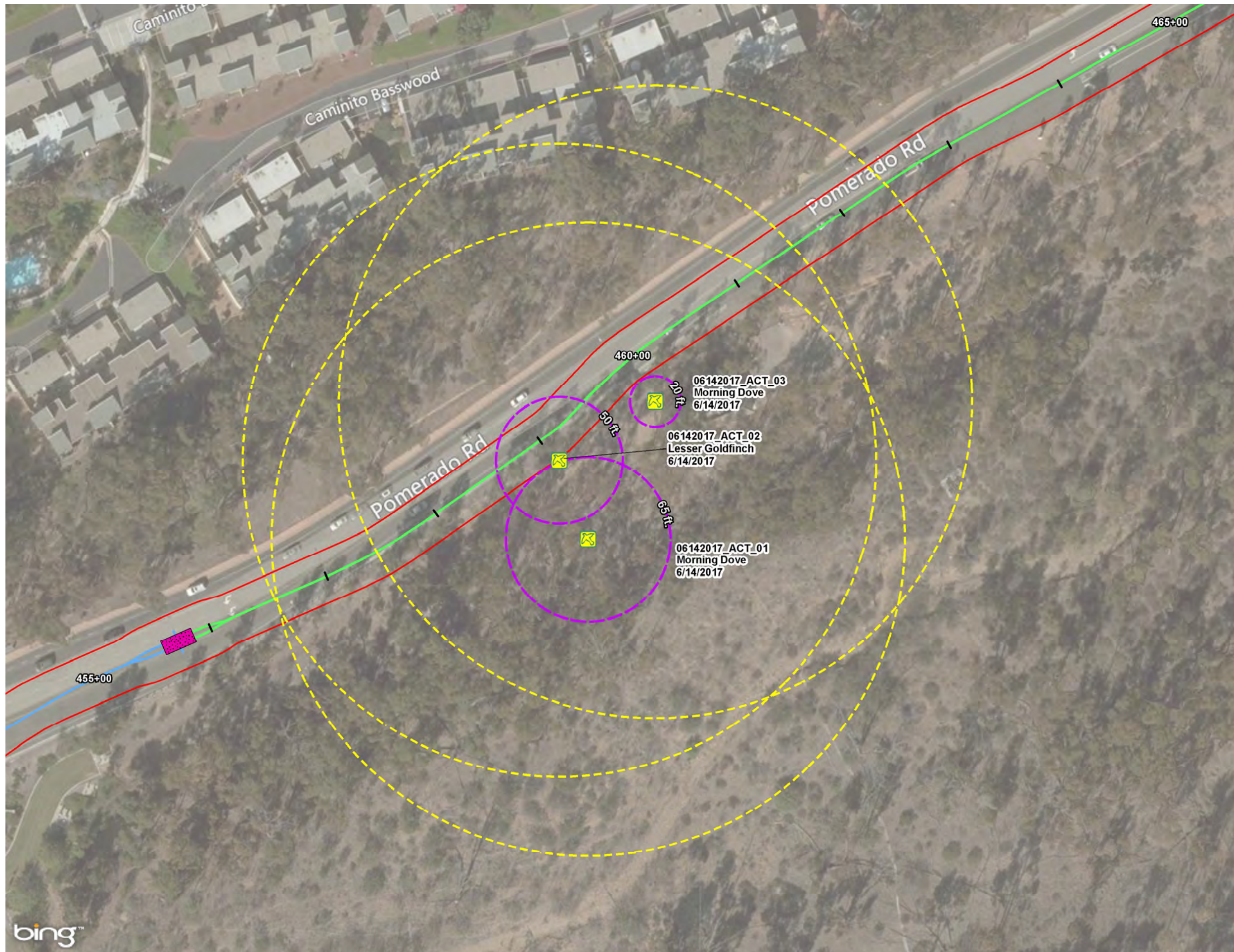
If SDG&E does not receive a response to the request for a buffer reduction within 1 business day, SDG&E will proceed with the buffer reduction recommended by the Qualified Biologist until the CPUC's independent biologist can review and approve or deny the buffer reduction request. If SDG&E proceeds with a reduced buffer, nests will be monitored on a daily basis during construction activities. If the buffer request is denied, or the Qualified Biologist determines that the nesting birds(s) are not tolerant of project activity, the specified buffer(s) listed in MM Biology-7 will be implemented.

If you have any questions regarding the details of this request, please contact the Qualified Biologist making the buffer reduction request at the contact information below:

Amy Trexler
C: 315-263-7005
atrexler@balkbiological.com
Balk Biological, Inc.
322 Encinitas Blvd. #290
Encinitas, CA 92024

Sycamore to Peñasquitos 230 kV Transmission Line Project Nesting Bird Buffer Reduction Request
Date: 06/14/2017

Nest Information									Buffer Reduction Request						
Nest ID ¹	Species ²	Listing Status ³	Nest Stage ⁴	Observation Notes ⁵	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated Fledge Date	Nesting Bird Behavior	Standard Buffer	Reduced Buffer Necessary for Construction	Pre-Existing Conditions Onsite	Reason for Buffer Reduction/Biologist Recommendation	Duration of Buffer Reduction	Work Activity Description	Monitoring Approach
06142017_ACT_01	Mourning Dove (MODO)	Common	Incubating	Observed female displaying territorial behavior near nest, potentially incubating.	32.89814	-117.10082	Unknown Standard incubation is 14 days; standard nestling period is 12-15 days	Appears tolerant of human activity within 10 ft.	250 feet	65 feet	Nest is located south of Pomerado road. Nest is near busy, active roadway.	Nest is located near busy, active roadway. Birds have been exposed to high levels of noise and human activity. Recommendation is to approve buffer with daily monitoring for duration of construction.	For entire duration of proposed work (6/14/17 - 8/31/17), or until nest is no longer active	Construction activities include saw cutting, pot-holing and excavation and trenching for installation of new underground 230kV line and vaults. Buffer reduction is being requested to allow construction to remain on schedule for completion date per CPUC permit.	<p>Nests will be monitored during daytime construction when work activity and noise levels are high in order to best determine the birds' noise tolerance. Monitoring will occur from a distance using binoculars or a spotting scope whenever possible to minimize nest disturbance. If nest cannot be adequately monitored from a distance, the CPUC qualified biologists (qualified biologist) will approach the nest to gather nest data. When approaching a nest, the qualified biologist will first determine whether there are any potential nest predators nearby, such as raptors, corvids, jays, and brown-headed cowbirds. If no predators are observed, the qualified biologist will approach the nest and collect nest data. The qualified biologist will observe the nest for a sufficient amount of time based on their professional judgment (usually between 30-60 minutes if an adult is not immediately observed on the nest) to determine nest status and will record the nest status (e.g., nest building, incubating, nestlings, etc.), and observe avian behavior (carrying food, agitation or distress, etc.). If the qualified biologist is unable to make a determination on nest status and has not detected the nest pair in the vicinity of the nest, the qualified biologist will continue to monitor the nest daily for a period of 5 days. If the qualified biologist is not able to determine nest status after 5 days due to lack of activity at the nest (including the observation of fledgling groups in the vicinity of the nest), the biologist will determine the nest is no longer active. The qualified biologist will gather appropriate nest data to allow proper documentation of nest stage and recommended buffer effectiveness. The qualified biologist will make assessments based on their experience, professional judgment and the following considerations: incubation period and nestling period (i.e., fledge date) of species, geographic location, existing ambient conditions (human activity such as traffic, jet noise, rail noise, etc.), type and extent of construction within nest buffer, visibility of construction to nest, and other environmental factors such as the species' site-specific level of habituation to disturbance. The nest buffers will be increased or reinstated if there are signs of significant disturbance and risk of project-induced nest abandonment consistent with MM Biology-7.</p>
06142017_ACT_02	Lesser Goldfinch (LEGO)	Common	Building	Observed adult pair visit the nest three times and display territorial behavior, potentially nest building.	32.89831	-117.10096	Unknown Standard incubation is 12-13 days; standard nestling period is 12-14 days	Appears tolerant of human activity	250 feet	50 feet	Nest is located south of Pomerado road. Nest is near busy, active roadway.	Nest is located near busy, active roadway. Birds have been exposed to high levels of noise and human activity. Recommendation is to approve buffer with daily monitoring for duration of construction.	For entire duration of proposed work (6/14/17 - 8/31/17), or until nest is no longer active	Construction activities include saw cutting, pot-holing and excavation and trenching for installation of new underground 230kV line and vaults. Buffer reduction is being requested to allow construction to remain on schedule for completion date per CPUC permit.	
06142017_ACT_03	Mourning Dove (MODO)	Common	Incubating	Observed female displaying territorial behavior near nest, potentially incubating.	32.89844	-117.10065	Unknown Standard incubation is 14 days; standard nestling period is 12-15 days	Incubating nest Appears tolerant of human activity	250 feet	20 feet	Nest is located south of Pomerado road. Nest is near busy, active roadway.	Nest is located near busy, active roadway. Birds have been exposed to high levels of noise and human activity. Recommendation is to approve buffer with daily monitoring for duration of construction.	For entire duration of proposed work (6/14/17 - 8/31/17), or until nest is no longer active	Construction activities include saw cutting, pot-holing and excavation and trenching for installation of new underground 230kV line and vaults. Buffer reduction is being requested to allow construction to remain on schedule for completion date per CPUC permit.	



Legend

Bird Nests

Tracking

Active

Reduced Bird Nest Buffers

Proposed Reduced Buffer

Bird Nest Buffers

250 ft

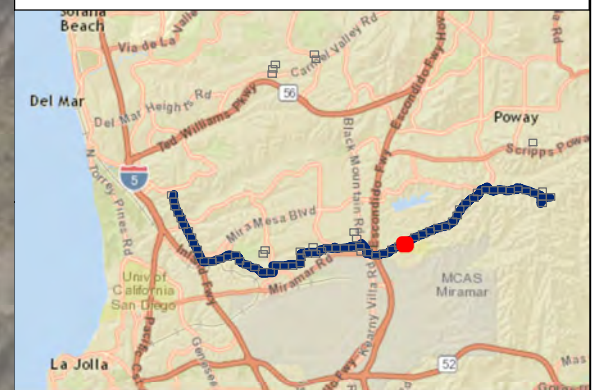
Temporary Work Space

Underground Vault

Segment B

Segment 3, Section 3

Segment 3, Section 4



75 37.5 0 75 Feet



1:900 1 inch = 75 feet



**Sycamore to Peñasquitos
230kV Transmission Line Project
Nesting Bird Survey
Buffer Reduction Request**