

HARVEY'S MARKET FUEL STATION ADDITION STICK NEST & ROOST STRUCTURE SURVEY

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Proposed Project

The *Harvey's Market Fuel Station Addition Project* consists of adding new gas station facilities to an existing market. Harvey's Market is located in Proberta, Tehama County, California, at the northwest corner of State Highway 99W and Flores Avenue. Construction of will include: tree removal, site development, constructing fuel island canopies, constructing a well building, mechanical improvements, utilities improvements and paving.

California Department of Fish and Wildlife (CDFW) commented on the early consultation Agency Referral dated (October 30, 2020) for this project. CDFW queried the California Natural Diversity Database (CNDDB) and found records of several special status species occurring within a 3-mile radius of the proposed project area. Two special status species identified are Swainson's hawk (*Buteo swainsoni*) and pallid bat (*Antrozous pallidus*).

Swainson's Hawk Stick Nest Survey

Swainson's hawk nesting habitat occurs within and adjacent to the project area. Swainson's hawks may use the same nest location year after year. CDFW recommended conducting a stick nest survey "*in the valley oaks, pine trees and phone/electric poles within and adjacent to the project area*". A survey was performed within and adjacent to the project area on November 24, 2020. The area within and adjacent to the project area was surveyed from multiple angles using binoculars and a spotting scope. The survey was conducted from a vehicle and on foot when necessary to ensure suitable nesting habitat was thoroughly surveyed.

Nesting habitat was observed in and adjacent to the project area, no stick nests were observed during the survey. See Attachment I for photographs. All CDFW rules, regulation, procedures and recommendations regarding commencement of this project shall be followed.

Pallid Bat Roost Structure Survey

Existing trees within and adjacent to the project area may provide roosting habitat for pallid bats. Trees that "*contain cavities, crevices, and/or exfoliated bark*" roost structure may be used by bats. Pallid Bats may use high quality roost site year after year. CDFW recommended conducting a "*survey of large trees to determine if tree features and habitat elements are present within the oak trees*". A survey was conducted on November 24, 2020. The two large valley oak trees (*Quercus lobate*) at the west edge of the project area both exhibit roost structure characteristics. Both valley oak trees have sections of loose and delaminating bark, cavities and crevices that could be used by pallid bats. See Attachment II for photographs.

Upon close examination, no bats were observed using the features of these existing oak trees during the survey. There is abundant roosting structure within and directly adjacent to the project area that may be utilized by bats in the absence of the two existing valley oaks at the west edge of the project area. All CDFW rules, regulation procedures, and recommendations regarding commencement of this project shall be followed.

Attachment I

Potential Stick Nest Habitat Within & Adjacent to Project Area



Potential Stick Nest Habitat Within & Adjacent to Project Area

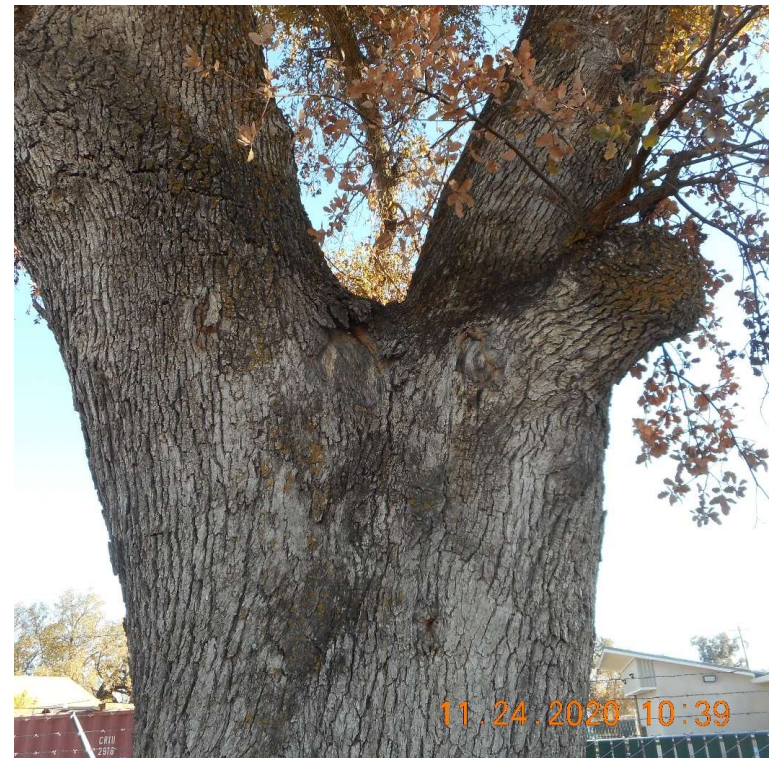
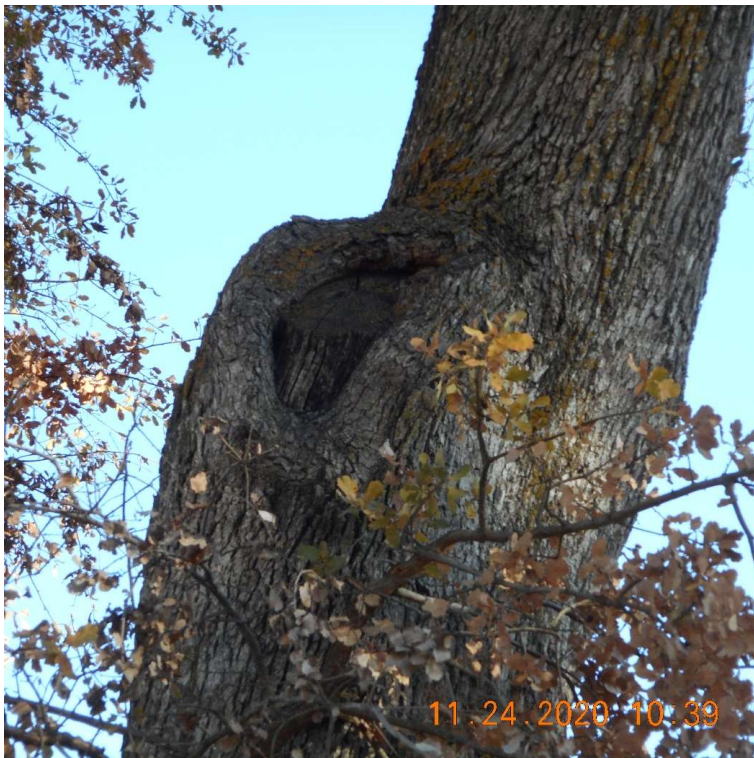


Potential Stick Nest Habitat Within & Adjacent to Project Area

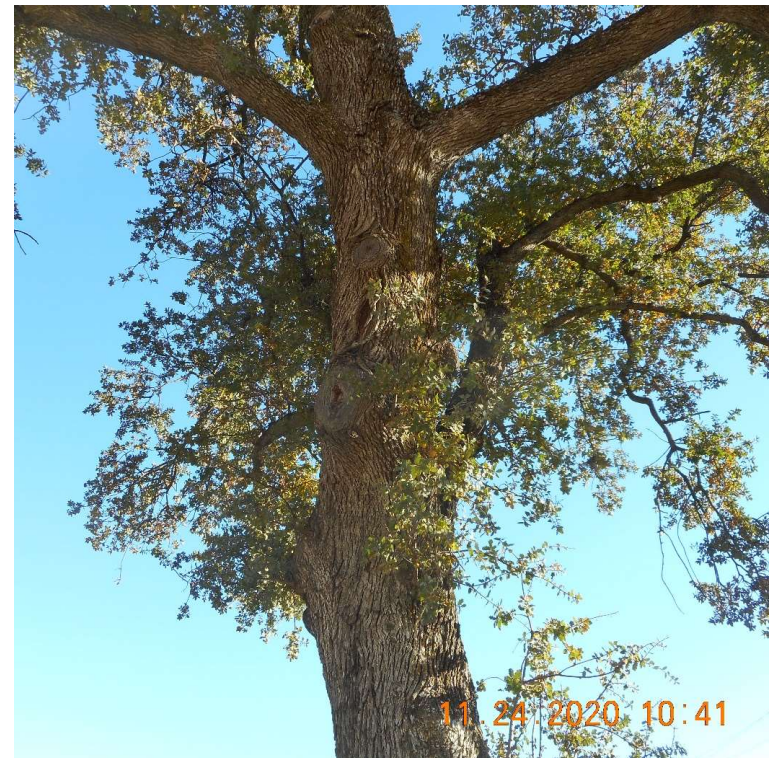


Attachment II

Potential Roost Structure Within Project Area



Potential Roost Structure Within Project Area



Potential Roost Structure Within Project Area

