

# Memorandum

*Making Conservation  
a California Way of Life.*

**To:** Geramaldi  
Associate Environmental Planner  
Caltrans District 5

**Date:** September 10, 2018

**File:** EA: 05-1H430  
05-1600-0073  
SB-101-PM 21.62

**From:** Lindsay Kozub  
PQS Principal Architectural Historian  
Central Coast Specialist Branch

Damon Haydu  
PQS Principal Investigator – Prehistoric and Historical Archaeology  
Central Coast Specialist Branch

**Subject: Cultural Resources Review for the San Jose Creek Bridge Replacement Project (05-1H430)**

## **Project Description**

Under EA 05-1H430, the California Department of Transportation (Caltrans) proposes a project to replace both spans of the San Jose Creek Bridge (Bridge #51-0163L and 51-0163R), located at post mile 21.62 on Highway 101 in the City of Goleta, in Santa Barbara County. Structural investigations have revealed that the bridges contain reactive aggregate that causes Alkali-Silicate Reactions (ASR) in the concrete of the superstructure, which contributes to structural deficiencies that could threaten the long-term safety of the bridges. The current bridges are also hydraulically substandard to handle a 100-year flood event and have potential to be affected by sea level rise. The project proposes to install a single bridge structure to service both the northbound and southbound lanes of Highway 101. The project also includes installation of concrete median barrier, guardrail, and rock slope protection; raising the southbound mainline profile to match the new bridge profile; and paving a small area of the southbound offramp for use as a detour. No new right of way is required; however, some tree and vegetation removal and utility relocation is anticipated, as well as a Temporary Construction Easement for equipment staging.

## **Background**

A review of cultural resource documentation on file in the Caltrans District 5 Cultural Resource Records reveals that the entire project area has been previously surveyed with negative results for cultural resources (Joslin, 2004; Mikkelsen et al., 2001; Waldron, 1984). The location of the proposed project is within a developed area that has been highly disturbed and modified several times, and has been subject to regular maintenance as a State-owned property. On September 4, 2018 the project area was revisited and a pedestrian survey was conducted of the project footprint. Visibility ranged from good (70%) in area of bare soil to poor (10%) in areas of dense vegetation. Systematic transects spaced no more than 3 meters apart were employed in areas presently unpaved. These included the project components containing the current bridge slated for replacement as well as potential access and laydown areas. The survey failed to detect the

presence of any archaeological resources visible on the surface. Additionally, the survey confirmed the substantial level of disturbance the project site has witnessed from past construction activities suggesting a low probability for intact subsurface archaeological deposits. As part of consultation with interested Native American groups and individuals, letters describing the project and a request for comment and information on Native American concerns was sent on September 7, 2018. No responses have been received to date.

The San Jose Creek Bridges were determined to be Category 5 Bridges in the Caltrans Statewide Historic Bridge Inventory, and as such, are not eligible for listing in the National Register of Historic Places or the California Register of Historical Resources. The bridges are not considered historic resources for the purposes of CEQA. Caltrans PQS have reviewed these findings and confirmed that they remain valid. The left (southbound) bridge (51-0163L) was constructed in 1946 and widened in 1989; the right (northbound) bridge (51-0163R) was constructed in 1961 and widened in 1989. The project area is adjacent to Southern Pacific Railroad Right of Way, as well as a privately-owned industrial vehicle/equipment parking and storage area. The project does not have potential to directly or indirectly affect any adjacent built-environment resources.

## Results

Based on review of the information provided in the Environmental Document Request dated February 26, 2018, cultural resource records, previous studies, and maps on file in the Caltrans District 5 Cultural Resource Records, it is determined that the project does not have potential to affect cultural resources. The undertaking qualifies as a “screened undertaking” under **Class 19** (Any work on Category 5 bridges, including rehabilitation or reconstruction), as well as under **Class 1** (Pavement reconstruction, resurfacing, shoulder backing, or placement of seal coats), **Class 5** (Minor modification...or realignment of on/off ramps), **Class 11** (Modification of existing features, such as slopes, ditches, curbs, sidewalks, driveways, dikes, or headwalls within or adjacent to the right of way), and **Class 13** (Addition or replacement of devices, such as...median barriers, fencing, guardrails, safety barriers...) of Attachment 2 of the January 2014 *First Amended Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it Pertains to the Administration of the Federal-Aid Highway Program in California*. Unless project plans change, no further study is warranted.

As presented, the proposed undertaking does not have the potential to affect cultural resources and no additional studies are required at this time. Ground disturbing activities will be limited to the areas described in the Environmental Document Request dated February 26, 2018. **If changes to the construction footprint occur and/or if additional work is required, further studies and revalidation will be necessary.** If project plans change, please contact Architectural Historian Lindsay Kozub at 805-549-3236 (lindsay.kozub@dot.ca.gov) or Archaeologist Damon Haydu at 805-542-4799 (damon.haydu@dot.ca.gov).

cc: Cultural Resource Files  
Krista Kiaha, District 5 Heritage Resources Coordinator

Peer Review: Terry Joslin, PQS Principal Investigator – Prehistoric Archaeology

Encl: Native American Consultation Correspondence,

**Bibliography**

Joslin, Terry

2004 *Cultural Resources Review for the Goleta Landscape Planting and Restoration Project along State Highway 101 in the City of Goleta, Santa Barbara County, EA 05-0G770, PM 19.6/25.3.* On file in the Caltrans District 5 Cultural Resources Archives.

Mikkelsen, Patricia, Laura Leach-Palm, Jennifer Hatch, Elizabeth Kallenbach, and Jerome King  
2001 *Cultural Resources Inventory of Caltrans District 5 Rural Highways, Santa Barbara County, CA: Highways 1, 33, 101, 135, 150, 154, 166, 192, and 246.* On file in the Caltrans District 5 Cultural Resources Archives.

Waldron, Wendy

1984 *Archaeological Evaluation of a Proposed Lane Addition Project in Santa Barbara County: EA 288010, PM 14.2/22.5.* On file in the Caltrans District 5 Cultural Resources Archives.

1984 *Archaeological Evaluation of a Proposed Median Barrier Construction Project in Santa Barbara County: EA 288010, PM 2.1/26.9.* On file in the Caltrans District 5 Cultural Resources Archives.