

**OFFICE OF HISTORIC PRESERVATION  
DEPARTMENT OF PARKS AND RECREATION**

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July 20, 2017

In reply, reference to: NASA\_2017\_0605\_001

Keith Venter  
Historic Preservation Officer  
Facilities Engineering Branch  
NASA Ames Research Center  
Mail Stop 213-8  
Moffett Field, CA 94035

Subject: Navigational Aids, Airfield Lighting, and Signage Replacement Project, Moffett Federal Airfield, NASA Ames Research Center, Santa Clara County, CA

Dear Mr. Venter:

Thank you for your May 31, 2017, letter initiating consultation regarding an undertaking at NASA Ames Research Center (ARC). NASA is consulting with the State Historic Preservation Officer (SHPO) in order to comply with Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. §306108), as amended, and its implementing regulations at 36 CFR Part 800.

The proposed undertaking, as described, involves replacing and upgrading the existing NAVAIDS system alongside Runway 14L-32R and in adjacent turfed areas. These components include runway lighting, navigational instrumentation, utility pathways and connections, airfield traffic signage, computerized monitoring system equipment, electrical power distribution equipment, and paved access roads. Utility pathways will require construction of new duct banks and conduits using directional drilling to a maximum depth of eight feet where the alignment intersections with paved airfield taxiways, and trench excavation to a maximum depth of 48 inches below existing grade in turfed areas east of the runway. Part of the pathway requiring trenching will extend to the Sunnyvale Golf Course. Directional drilling will also be used under U.S. Highway 101 with a potential depth of 10 – 20 feet. New equipment and lighting will require electrical and data connections and new concrete foundations with varying depths of disturbance between 12 inches and eight feet below grade.

NASA intends to conduct an archaeological investigation involving core sampling conducted by a professional archaeologist and an Ohlone Native American monitor. The findings of this investigation will be submitted to the SHPO as consultation continues.

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After reviewing the information submitted to my office, the SHPO agrees that the project as described constitutes an undertaking with the potential to affect historic properties and looks forward to continuing consultation on this undertaking. If you have any questions or concerns, please contact Mark Beason, State Historian, at (916) 445-4047 or [mark.beason@parks.ca.gov](mailto:mark.beason@parks.ca.gov).

Sincerely,

A handwritten signature in blue ink, consisting of a stylized 'J' followed by a horizontal line that tapers to the right.

Julianne Polanco  
State Historic Preservation Officer