



MARK PESTRELLA, Director

**COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS**

"To Enrich Lives Through Effective and Caring Service"

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ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

November 05, 2019

30 November 5, 2019

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

CELIA ZAVALA
EXECUTIVE OFFICER

Dear Supervisors:

**WATER RESOURCES CORE SERVICE AREA
CHANGES IN WORK FOR A CONSTRUCTION CONTRACT
SANTA ANITA DAM SPILLWAY MODIFICATION PROJECT
PROJECT ID NO. FCC0001251
IN THE ANGELES NATIONAL FOREST
(SUPERVISORIAL DISTRICT 5)
(3 VOTES)**

SUBJECT

Public Works is seeking Board approval for the changes in work to repair the access road for the Santa Anita Dam Spillway Modification project in the Angeles National Forest.

IT IS RECOMMENDED THAT THE BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

1. Find that the recommended actions are within the scope of the Santa Anita Dam Spillway Modification project impacts analyzed in the Initial Study/Mitigated Negative Declaration previously adopted by the Board on July 14, 2015.
2. Authorize the Chief Engineer of the Los Angeles County Flood Control District or his designee to issue change orders and/or work orders for a total amount not to exceed \$4,200,000 to Kiewit Infrastructure West Co. for the Santa Anita Dam Spillway Modification project in the Angeles National Forest (Project ID No. FCC0001251) for: (a) repairs to a recently damaged portion of the access road on the project site and for alternative construction solutions to facilitate the project.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will comply with the California Environmental Quality Act and allow Public Works to modify the construction contract with Kiewit Infrastructure West Co., for additional quantities of work and material needed to address field conditions.

The scope for the Santa Anita Dam Spillway Modification project includes construction of a new spillway; upgrading the electrical, mechanical, water, and control systems; strengthening the downstream canyon walls and the toe of the dam; resurfacing the access road; and replacing the water tank. The construction contract for this project was executed on November 29, 2017, for a total contract sum of \$25,773,160.

On November 20, 2018, the Board approved changes in work in the amount of \$1,500,000 for slope stabilization improvements to facilitate construction of the new water tank.

On April 2, 2019, the Board approved a change in work in the amount of \$1,390,000 for revisions to the cable hoist system. The Board also approved a change in work in the amount of \$2,400,000 for repairs to the damaged portion of the access road on the project site caused by a rock fall that occurred in February 2019 after construction had begun and for alternative construction methods to advance the project as designs for the repair were finalized.

Since the Board's approval, the contractor has continued working on the project with the restrictions to the access road using alternative construction methods including concrete demolition and disposal via a rail transport system, the development of a new pumpable concrete mix design, and the transportation of equipment and materials by helicopter. Furthermore, a technical report has now been issued and the engineering and design plans are complete. In order for the contractor to continue work using the alternative construction methods to facilitate the completion of the project, to account for any delay costs, and to proceed with the repairs to the access road as designed, an additional authorization of \$4,200,000 is needed.

The original contract was approved for \$25,773,160. Since that time, an additional amount of \$6,850,578 has been approved: \$5,290,000 approved by the Board on November 20, 2018, and April 2, 2019, and \$1,560,578 under delegated authority.

The project is scheduled for completion in January 2021.

Implementation of Strategic Plan Goals

The County Strategic Plan directs the provisions of Strategy III.3, Pursue Operational Effectiveness, Fiscal Responsibility, and Accountability, Objective III.3.2, Manage and Maximize County Assets. The recommended actions will allow the project to be completed in the most timely and cost-effective manner.

FISCAL IMPACT/FINANCING

The change in work will have no impact to the County General Fund.

The original contract was approved for \$25,773,160. Since that time, an additional amount of \$6,850,578 has been approved: \$5,290,000 approved by the Board on November 20, 2018, and April 2, 2019, and \$1,560,578 under delegated authority.

This action would approve changes in work with an increase of \$4,200,000 for a revised total contract amount of \$36,823,738 (see Enclosure).

Funding for construction of this project is included in the Flood Control District Fund Fiscal Year 2019-20 Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The contract for construction of this improvement was awarded on October 18, 2017, to Kiewit Infrastructure West Co. in accordance with the State Public Contract Code and the Board's directives.

ENVIRONMENTAL DOCUMENTATION

To ensure compliance with the California Environmental Quality Act, an Initial Study/Mitigated Negative Declaration (IS/MND) was certified by the Board on July 14, 2015. The IS/MND indicates that while the project would have had environmental impacts, modifications and/or mitigation measures have been incorporated into the project to reduce its potentially adverse impacts to levels considered less than significant (California Environmental Quality Act Guidelines Section 15070).

The recommended actions are consistent with the scope of the project in the previously adopted IS/MND. The previous findings made by the Board, when the project was approved, continue to be applicable to the project as revised. The repairs to the access road and adjacent slopes are within the original project limits. These repair activities are consistent with the scope of planned project activities to re-armour downstream canyon walls which includes installing tie-back anchors (drilled and grouted into the bedrock), superficial rock excavation, and installing additional reinforced gunite. This work is not anticipated to negatively affect any sensitive biological or cultural resources with implementation of appropriate Best Management Practices and all applicable mitigation measures from the previously adopted IS/MND. There are no changes to the project or to the circumstances under which the project is undertaken that require further review under the California Environmental Quality Act.

The location of the documents and other materials constituting the record of the proceedings upon which the Board's decision is based in this matter is 900 South Fremont Avenue, Alhambra, CA 91803, 2nd Floor. The custodian of such documents and materials is Stormwater Engineering Division, Environmental Permits and Compliance Section, Los Angeles County Public Works. Upon the Board's approval of the project, Public Works will file a Notice of Determination with the Registrar Recorder/County Clerk in accordance with Section 21152 of the California Public Resources Code.

CONTRACTING PROCESS

The contract provides that the contractor be compensated for the work resulting from a change to the original plans and specifications or changed conditions encountered during the course of construction. The cost is based on contract unit prices, time and materials, or negotiated price under the provisions of the contract specifications.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested change by the Board will support the completion of the work under the contract.

CONCLUSION

Please return one adopted copy of this letter to Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark Pestrella', with a stylized, cursive script.

MARK PESTRELLA
Director

MP:SRB:dw

Enclosures

c: Chief Executive Office (Chia-Ann Yen)
County Counsel
Executive Office
Internal Services Department (Countywide
Contract Compliance)

November 5, 2019

**WATER RESOURCES CORE SERVICE AREA
CHANGES IN WORK FOR A CONSTRUCTION CONTRACT
SANTA ANITA DAM SPILLWAY MODIFICATION PROJECT
PROJECT ID NO. FCC0001251
IN THE ANGELES NATIONAL FOREST
(SUPERVISORIAL DISTRICT 5)
(3 VOTES)**

Project Description:

The construction of a new spillway; upgrading the electrical, mechanical, water, and control systems; strengthening the downstream canyon walls and the toe of the dam with additional concrete; resurfacing the access road; replacing the water tank; and performance of other appurtenant work.

Contractor:

Kiewit Infrastructure West Co.

Change in Work:

Repairs to Access Road, delay costs, alternative construction solutions to expedite the project	\$4,200,000
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Description of Change:

The Board previously approved a change in work to compensate the contractor to make repairs to the access road damaged by a rock fall, for alternative construction solutions to continue the project with the resulting access road restrictions, and for contingencies and associated impacts to other work at the project site. In order to complete the project and the necessary road repair work, an additional \$4,200,000 is needed. This exceeds the Chief Engineer's delegated authority limit and requires the Board's approval.

The cost for this work shall be based on Section 3-2 of the contract specifications.

Additional working days will be required because of this change and will be issued when the full impact on the schedule is determined.

Revised Contract Amount:

Original contract amount	\$25,773,160
Changes in work approved under delegated authority	1,560,578
Changes in work previously approved by the Board	5,290,000
Changes in work to be approved	<u>4,200,000</u>
Revised contract amount	<u>\$36,823,738</u>

Percent total change to original contract amount 43%

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