



Whittier Narrows Dam Safety Modification Study/Construction (DSMS),

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

LOCATION AND DESCRIPTION:

The Whittier Narrows Dam project is a flood control project with incidental water conservation, and is the central element of the Los Angeles County Drainage Area (LACDA) flood control system. The dam was constructed in 1957 and is operated by the U.S. Army Corps of Engineers, Los Angeles District. The project is located at the "Whittier Narrows", which is a natural gap in the hills that form the southern boundary of the San Gabriel Valley. The Rio Hondo and the San Gabriel River flow through the reservoir flood control basin and the San Gabriel (605) freeway passes along the eastern boundary of the basin. Whittier Narrows Dam is currently classified as a DSAC I dam. The resulting combination of combination of life, or economic consequences with likelihood of failure is extremely high. Whittier Narrows is being addressed under the seepage/stability correction program (dam safety).



As of: 1 Feb 20

AUTHORIZATION:

Flood Control Act of 1941.

ACTIVITIES FOR FY 2020:

Funds are being used to perform preliminary design of Whittier Narrows Dam Safety Modification, including developing necessary strategies for environmental monitoring and utility relocations. Begin the development of roadway modifications and parapet walls to be incorporated into the main dam modification. Develop a scope of work for implementation of the environmental commitments laid out in the Biological Opinion.

FY 2021 PLANNED ACCOMPLISHMENTS:

Budgeted funds will be used to award a construction contract for the utility relocations and the ecological restoration contract to meet requirements of the Biological Opinion. In addition, the funding will be used to develop pre-final design for the dam modification award scheduled in FY22.

ISSUES AND OTHER INFORMATION:

The Dam is classified as DSAC I. Backward erosion piping, premature opening of spillway gates, and overtopping have been identified as probable failure modes. The opening of spillway gates is being separately funded and performed through an Interim Risk Reduction Measure and is expected to be physically complete during the second quarter of FY2020. There is no local sponsor for the project. Preconstruction Engineering and Design phase is funded through WEDGE, with funding to transition to CG once the first construction contract for the utility relocations is made in FY2021.

CONGRESSIONAL INTEREST:

Congresspersons, Chu (CA-27), Napolitano (CA-32), and Sanchez (CA-38).

FINANCIAL SUMMARY:

	<u>Study/Construction</u>
Estimated Federal Cost	\$427,366,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$427,366,000
Allocation thru FY19	\$4,300,000
Allocation for FY20	\$8,300,000
President's Budget for FY21	384,900,000
House Report for FY21	TBD
Senate Report for FY21	TBD
Balance to Complete After FY21	\$29,866,000

U.S. ARMY CORPS OF ENGINEERS – LOS ANGELES DISTRICT

915 WILSHIRE BLVD., SUITE 930, LOS ANGELES, CA 90017

<http://www.spl.usace.army.mil>