

National Trails Highway – Dola Ditch and Lanzit Ditch Bridge Replacement Project

Project Description

The Project involves the replacement of two 1930s era timber bridges, known as the Dola Ditch Bridge and the Lanzit Ditch Bridge, with new, engineered timber bridges. These bridges are located on County-maintained National Trails Highway (NTH), otherwise known as California U.S. Highway 66/National Trails Highway and traditionally known as Route 66. The Dola Ditch Bridge and Lanzit Ditch Bridge are located in San Bernardino County, approximately 2.08 and 2.77 miles respectively, east of Kelbaker Road, east of the unincorporated community of Amboy. The Project consists of removing the existing bridges and constructing new timber bridges, rock slope protection, guardrails, and roadway reconstruction 200 feet east and west of each bridge. In the interest of public safety, the road will be closed to through traffic for approximately six months during construction.

Project Need

These bridges have been in service much longer than their original designed lifespan and have a sufficiency rating justifying replacement. The impending failure of these bridges is of critical concern to the entire eastern and central portion of the High Desert. The regional area served by the NTH alignment contains a veritable host of vitally important transportation corridors including federal interstates, state highways, county roads, local roads, jeep trails, footpaths, railroads and utilities serve the American public from the local to the national levels for anything ranging from a trip to Las Vegas in the family car, to supplying various regions of our nation with natural gas and power, to serving as one of the main rail alignments in and out of southern California, to serving as an emergency by-pass for Interstate 40, to serving as a key transportation link to and from the US Marine Corps Base at Twentynine Palms, and for serving as routes to National Parks and BLM recreational areas. Use and maintenance of each of these vital corridors is greatly facilitated by keeping the NTH open for traffic. In 2003, the County began to develop a program to reconstruct and/or replace structurally deficient timber bridges in the National Trails Highway corridor between Daggett and Mountain Springs Road over the next 20 years.



Milestone	Completion
Start of Project	2003
Environmental Clearance	2016
Right of Way Certification	2016
Project Plans, Specifications and Estimates	2016
Construction	2017

Funding Source	Amount
HBP	\$3.9 million
Local	\$600,000
Total Project Cost	\$4.5 million

Project Summary

Dola Ditch and Lanzit Ditch are funded by 88.53% Federal Highway Bridge Program (HBP) funds. The remaining 11.47% is funded by local funds.

Plans: Biggs Cardosa Associates, Inc. completed project plans and specifications in 2016. (\$206,742)

Environmental: Aspen Environmental Group completed environmental clearance in 2016. (\$140,000)

Right of Way: Right of way acquisition is not required for this project. (\$0)

Construction: \$2.8 million