Washington State Department of Transportation

SR 410/Nile Valley Landslide - Reconstruct Route

Project Information

PIN: 541002T
As of Date: January 2018
Region: South Central
Regional Admin: T. Trepanier
State Route: SR 410
Current Status: Completed
Legislative Districts: 14

Project Description

On October 11, 2009, a natural slide occurred above SR 410 in the Nile Valley west of Naches. The slide demolished and buried half a mile of SR 410, blocked the Naches River causing it to seek an alternate channel, and damaged nearby property and a county road. Funding is provided for a permanent solution for this slide location.

Gray Notebook Text

1113Q5 GNB 47 (September 2012) This project rerouted a section of SR 410 around a half-mile long landslide that occurred in October 2009 in the Nile Valley west of Naches. The slide demolished and buried a section of SR 410, blocking the Naches River and changing the course of its channel. A temporary detour was completed in November 2009. Project benefits: The new, permanent route for SR 410 restores safe and reliable transportation. Highlights/challenges: WSDOT engineers were able to find a more cost-effective solution to the SR 410 reroute, reducing costs associated with an earlier plan that called for constructing a new bridge across the Naches River. The change also reduced expected environmental mitigation costs that would have been incurred had the bridge been required. These innovations reduced the project cost by approximately $11.5 million. Budget performance: The PEF project was completed for $9.7 million, which was on target with the last approved budget. The project was originally budgeted for $21.2 million in 2010. Schedule performance: The project was operationally complete in August 2012, approximately two months ahead of the original schedule and on target with the last approved schedule.

Project Milestones

Milestone	Original Date	Current Date	Status
Project Definition Complete	Q1 2010		
Preliminary Engineering Start	Q3 2010	Q3 2010	On Schedule
Environmental Complete	Q1 2011	Q1 2011	On Schedule
Right of Way Complete	Q4 2011	Q4 2011	On Schedule
Contract Advertisement	Q4 2011	Q4 2011	On Schedule
Operationally Complete	Q4 2012	Q3 2012	Early

Project Cost Summary ($ in Thousands)

Project Status	Leg. Initial Budget	Current Leg. Budget	Current Approved Cost
Preliminary Engineering	$0	$1,371	$1,411
Right of Way	$0	$1,361	$861
Construction	$0	$7,003	$5,680
Total	$0	$9,735	$7,952

Project Funding Summary - Current Approved Cost ($ in Thousands)

Project Phase	Nickel	TPA	Pre-Existing Funds	CWA	Other	Total
Prelim Engineering	$0	$0	$1,411	$0		$1,411
Right of Way	$0	$0	$861	$0		$861
Construction	$0	$0	$5,680	$0		$5,680
Total	$0	$0	$7,952	$0		$7,952

Project Web Site: