

410 Nile Valley Landslide

Reconstruct Route

October 2011

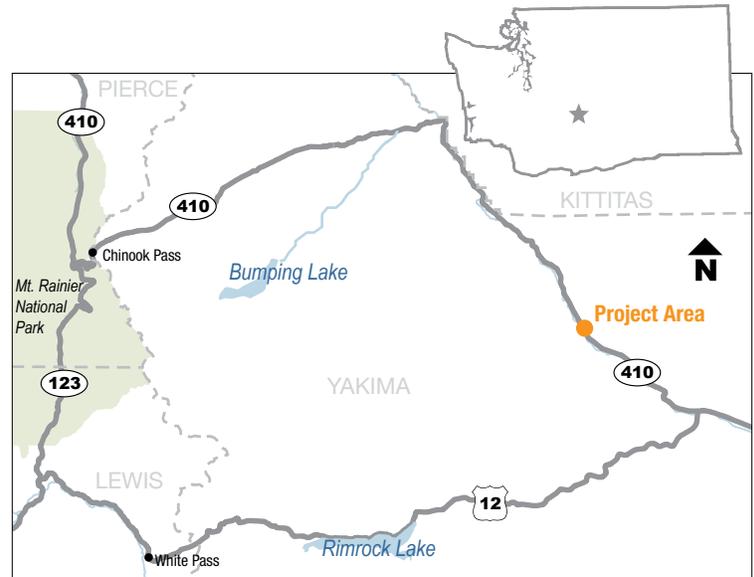
www.wsdot.wa.gov/projects/sr410/nilevalleyreconstruction

Project History

On Oct. 11, 2009, a massive landslide occurred west of Yakima in the Nile Valley. The landslide brought down tens of millions of cubic yards of rock and debris onto State Route 410, demolishing a half mile of state highway and completely blocking the Naches River channel.

In order to immediately restore temporary access to residents of the Nile Valley, WSDOT and the contractor, Selland Construction, built an emergency detour on Nile Loop Road and a temporary channel for the Naches River.

WSDOT consulted with hydrologists, and determined the emergency detour would not withstand flooding of the Naches River. Once complete, WSDOT began work on a detour to prevent Nile Valley residents, businesses and recreational areas from being cut off due to possible flooding of the Naches River and the annual closure of Chinook Pass.



Emergency Response

On Oct. 22, 2009, WSDOT, Yakima County and Selland Construction began working on a detour for SR 410. This work consisted of paving the northern end of Nile Loop Road and relocating the southern end to south of the valley, away from the Naches River. To protect the landslide from erosion, crews re-channeled the Naches River away from the slide through a diversion structure and into newly constructed channels. As promised, the detour was paved and opened to traffic by Thanksgiving 2009.

Current

- WSDOT working on final design
- Right of way acquisition is underway
- Environmental permit process underway
- On-going coordination with SR 410 adjacent property owners

Estimated Total Project Cost

Federal Funding
Emergency relief funds - \$8.4 million

State Funding
Existing funds- \$1.3 million

Total funds available from all sources: \$9.7 million

Note: This estimate includes engineering, right of way, and construction costs, as well as local funds.



The Nile Valley landslide destroyed half mile of SR 410 and blocked the Naches River channel.



Completed SR 410 detour and a new channel for the Naches River fall 2010.

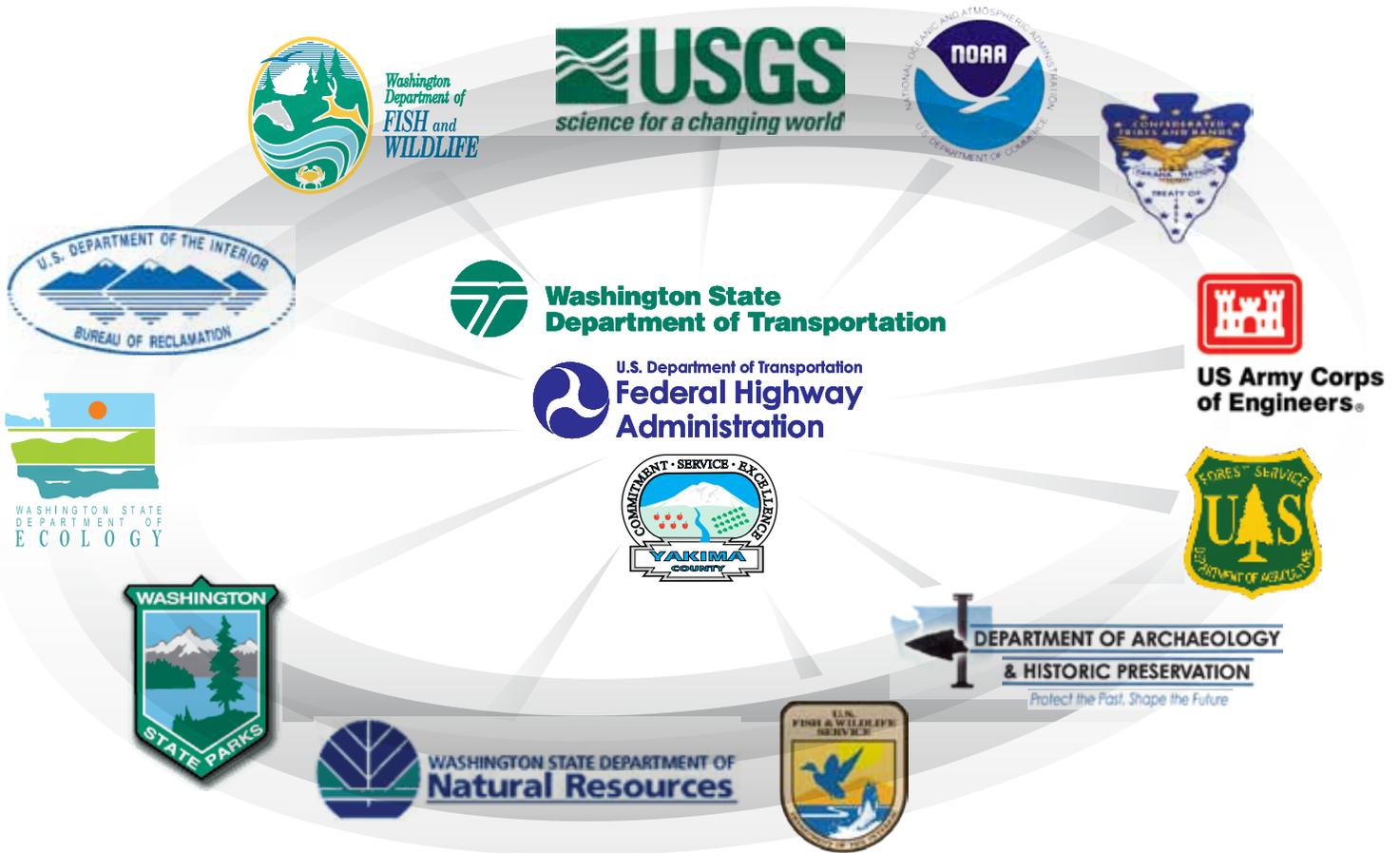
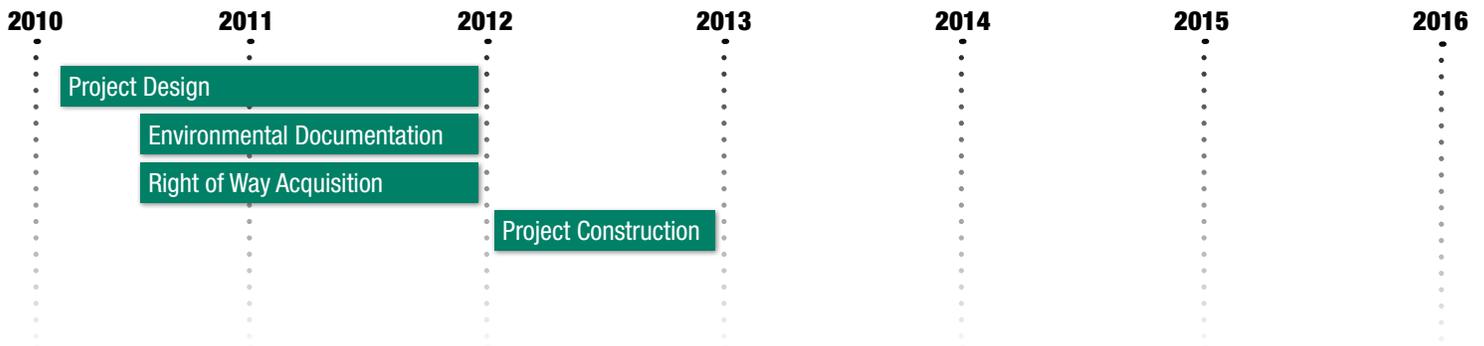
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Schedule

Construction Contract Advertisement Date . . . Fall 2011
Construction Start Spring 2012
Open to Traffic Fall 2012



Design and Construction Timeline (Subject to Funding)



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