Manastash Road - North Fork Site Emergency Restoration and Mitigation

Location:
This project is located in lower Kittitas County, approximately ten miles southwest of the City of Ellensburg, where the Manastash Road crosses the North Fork Manastash Creek at MP 8.43. Manastash Road provides access to homes, a camp, and public lands used for recreation and timber harvesting. The North Fork Manastash Creek analysis area will include approximately 300 feet upstream and 100 feet downstream of the road crossing.

Project Description:
The purpose of this project is to restore the North Fork Manastash Creek crossing damaged during the May 15, 2011 flood and improve water runoff hydraulics to the North Fork Manastash Creek.

The North Fork Manastash Creek has experienced a great deal of sediment deposition over a long period of time, causing the creek to overtop the stream bank at various locations during the May 15, 2011 flood event resulting in damage to Manastash Road. Public Works Department built a berm on the east side of the North Fork Manastash Creek and north of the Manastash Road to reduce the damage and maintain access on Manastash Road during the May 15, 2011 flood.

This project will replace the 7 ft. by 4 ft. culvert underneath Manastash Road with a 40 ft. long single span bridge. This will provide a 30 ft. wide waterway. This new crossing will provide the capacity for the stream at flood flows, including ice and debris flows, to safely pass beneath Manastash Road without eroding the road. Modifications will also be made to the berm on the upstream of the crossing, setting it back from the stream channel.

Funding:

Updated 3/9/2015
Kittitas County Public Works will provide the funds for this project.

**Schedule:**
Environmental permitting is on-going, and preliminary bridge plans have been received. Construction of this project is anticipated to begin this year.

Photo shows the power of the creek creating a new channel
Exposed and damaged culvert at mile post 8.43

North Fork Manastash Creek cut a new course for itself along the north side of the road

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