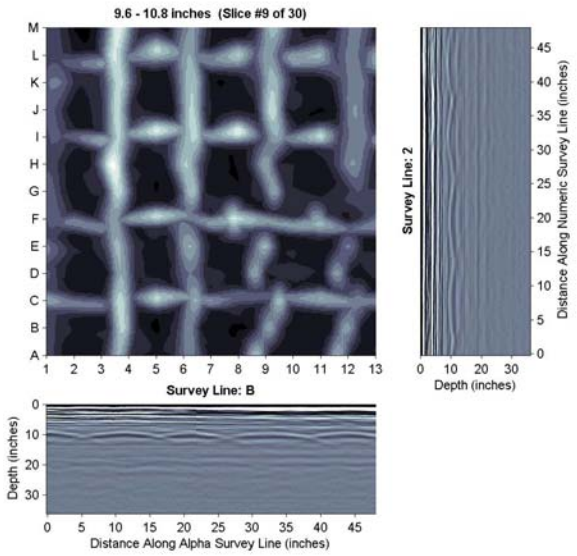
PROJECT

Wildcat Creek Bridge, near McCleary, Washington

CLIENT

Washington State DOT
Bridge Preservation Office
Mark R Wallace, P. E.
360-570-2560



Right: Wildcat Creek Bridge is a concrete arch believed to have been constructed in the 1920s. Impulse radar was used to image the internal steel reinforcing.

PROJECT DESCRIPTION

Atkinson-Noland & Associates was retained to provide information on the geometry and structural details of seven bridges for the Washington Department of Transportation. The organization had acquired these bridges from cities or counties and did not have existing plans for the bridges. Based on the information provided by Atkinson-Noland & Associates, the DOT was able to calculate load ratings for the bridges and keep the structures in service.

SERVICES PROVIDED BY ATKINSON-NOLAND

- Gathered all geometrical measurements of each bridge.
- Located all internal structural reinforcing steel with impulse radar. Conducted limited exposure of typical reinforcement to verify size and cover of steel.
- Generated full CAD drawings of each bridge with reinforcing steel sized and located.

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