

**Owner:** BC Ministry of Transportation and Infrastructure  
**Location:** Morris Valley Road Crossing of Chehalis River, Harrison Mills, British Columbia  
**Coordinates:** 49°17'56"N, 121°56'08"W  
**Market:** Structural Repairs  
**Start / Completion Dates:** December 2009 – May 2010  
**Contract Value:** CDN \$571,000

**Project Description:**

Following the failure of a diagonal timber member, the only crossing of the Chehalis River was closed to traffic. An immediate emergency stabilization was required to allow local residents access across the river.

Following the stabilization of the bridge, a steel replacement diagonal member was installed, along with a number of additional steel components to ensure that the aging timber truss remains in service until its ultimate replacement.

**Corporate Role:**

Working for the local Highway Maintenance Contractor, Coquitlam Ridge Constructors was able to provide a crew, equipment, and materials sufficient to stabilize the bridge within 12 hours of the initial closure.

Following the initial stabilization, CRC was tasked to complete the installation of an access platform, allowing for the installation of bottom-chord tensioning system as well as add steel channel reinforcement to a number of timber truss components. These upgrades ensure the required load-carrying capacity of the structure can be maintained.

**Project Reference:** Mr. David Queen, P.Eng – MoTI South Coast – 604.660.8200