

Kicking Horse Bridge

Trans-Canada Highway, Kicking Horse Pass, British Columbia, Canada

KWH launches impressive curved steel girder bridge

client ... *Trans-Park*

... *Highway Group*

contract ... *\$2,500,000*

duration ... *7 months*

special

equipment ... *Hydraulic PLC*

... *Launch System*

High in the rugged Rocky Mountains of British Columbia, a unique bridge was built in the Kicking Horse Pass. The new bridge is just over 400 metres long at heights up to 90 metres above the canyon floor.

KWH planned and carried out all steel erection with ironworkers from Union Local 97. Erection analysis was provided by Somerset Engineering Group, a division of KWH.

KWH also designed, built and operated an automated launch system for this project. Features include a launch system with using four 60T launching rams with 2m stroke, flange and wedge clamps, guide systems at piers and 'nose girders'.



the first set of girders reaches the fourth and tallest pier in February 2007



the launch system at the west abutment



roller brackets and guide system at piers

