

King George at Serpentine River Bridge

Owner: City of Surrey
Location: Southbound King George Highway Crossing of Serpentine River, Surrey, British Columbia
Coordinates: 49°05'12"N, 122°49'07"W
Market: Bridge Structures
Start / Completion Dates: July 2010 – October 2010
Contract Value: CDN \$1,140,000

**Project Description:**

The new southbound King George at Serpentine River Bridge is the final structural component in the four-laning of the King George Highway and replaces a deteriorated timber trestle

Corporate Role:

As General Contractor, Coquitlam Ridge Constructors completed the demolition of the existing structure, coordination of ground densification and foundation piles, and construction of the new three-span cast-in-place concrete bridge with pre-stressed box beams.

With the phase-one structure immediately to the east and a sea-dam to the west, construction access was restricted to the abutment approaches. CRC was able to make use of the existing trestle for access for pier pile driving.

Extensive measures were implemented to effectively protect the watercourse from contamination resulting from demolition operations.

Project Reference: Mr. Shane Cook, P.Eng. - Associated Engineering Tel. 604.293.1411