COQUITLAM RIDGE CONSTRUCTORS LTD.

PROJECT PROFILE

Hyde Creek Bridge

Owner: City of Coquitlam
Location: David Avenue Crossing of Hyde Creek, Coquitlam, British Columbia
Coordinates: 49°17'45"N, 122°45'40"W
Market: Bridge Structures
Start / Completion Dates: August 2005 – March 2006
Contract Value: CDN $2,081,900

Project Description:

As a major component of TransLink's David Avenue Connector Project, the Hyde Creek Bridge provides a much-needed four-lane transportation link for North Coquitlam and Port Coquitlam.

The bridge structure itself consists of a pile-founded cast-in-place concrete with post-tensioned concrete I-girders. With two-spans, it spans Hyde Creek and an adjacent nature-pathway system.

Corporate Role:

As a subcontractor to a local road-building Firm, Coquitlam Ridge Constructors undertook complete construction of the substructure and superstructure and also coordinated precast installation and post-tensioning by a sub-subcontractor.

Construction of the superstructure was extremely complex. Temporary supports were required to carry not only the load of the massive pier caps/diaphragms, but also the weight of the bridge girders themselves.

Project Reference: Mr. Chad Braley, AScT. – City of Coquitlam. – 604.927.3513