

Owner: City of Coquitlam
Location: David Avenue Crossing of the Coquitlam River, Coquitlam, British Columbia
Coordinates: 49°17'42"N, 122°46'30"W
Market: Bridge Structures
Start / Completion Dates: September 2005 – July 2006
Contract Value: CDN \$3,847,000

**Project Description:**

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

The bridge structure itself consists of pile-founded cast-in-place concrete, with post-tensioned concrete I-girders. With four spans, it crosses the Coquitlam River and an adjacent wetland and flood channel.

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