

Owner: City of Surrey
Location: Trans-Canada Highway Crossing of 156th Street, Surrey, British Columbia
Coordinates: 49°11'43"N, 122°47'23"W
Market: Bridge Structures (Design-Build)
Start / Completion Dates: March 2009 – September 2009
Contract Value: CDN \$3,560,000

**Project Description:**

Delivered through a Design-Build contract, the new twin, 4-lane, single-span, post-tensioned, underpass structure provides a much-needed north south access to residents of North Surrey.

The substructure consists of pile-founded abutments with cast-in-place trapezoidal girders that were stressed on-site following completion. Horizontal tie-back anchors were drilled through the abutment cap beams for seismic stability.

Corporate Role:

Coquitlam Ridge Constructors provided the General Contractor, BA Blacktop, with subcontract services for the construction of the overpass structures, single-sided fascia walls, miscellaneous concrete structures, and coordination of major project bridge-subcontractors.

The structure was completely built on the existing road embankment. Following post-tensioning, the embankment was excavated from underneath the structure.

Project Reference: Mr. Terry Walton – RF Binnie & Associates Tel. 604-420-1721