

Owner: BC Ministry of Transportation and Infrastructure
Location: Highway 99 Crossing of Marine Drive, North Vancouver, British Columbia
Coordinates: 49°19'34"N, 123°07'44"W
Market: Bridge Structures
Start / Completion Dates: April 2010 – July 2011
Contract Value: CDN \$2,200,000

**Project Description:**

The replacement of the Marine Drive Overpass was a key component of the Lions Gate Transit Improvement Project, involving the reconstruction and expansion of the Hwy 99 north approach interchange.

The new structure provides increased lane capacity both under and over Marine Drive. Added clearance under the structure also eliminates the impact hazard presented by the previous structure.

Corporate Role:

Coquitlam Ridge Constructors provided subcontractor services to BA Blacktop for the two-phase demolition and reconstruction of the two-span overpass. Staging of the works required temporary earth shoring, structural support systems, and consideration of numerous adjacent utilities.

In addition to bridge construction, CRC was tasked with design-build services for a number of large overhead sign foundation structures, installation of MSE wall-foundations and copings, and deconstruction of a temporary ACROW bridge.

High traffic volumes and residential neighborhoods in close proximity required constant stakeholder communication and efficient work methodology to mitigate disturbances resulting from demolition and construction operations.

This project received the 2011 BC MoTI Deputy Minister's Award for Excellence in its category.

Project Reference: Mr. Keith Kazakoff, BC MoTI, South Coast Region Tel. 604.660.8200