

Golden Ears Bridge

Maple Ridge, BC, Canada

BACKGROUND

The Golden Ears Bridge, a 1 kilometer (0.62 mile) 6 lane cable stayed bridge, is the largest improvement to the Greater Vancouver Area road system in over 20 years. Construction started in June 2006 and once open in the spring of 2009, the Golden Ears Bridge will connect the communities of Surrey and Langley on the south side of the Fraser River to Pitt Meadows and Maple Ridge on the north side of the Fraser River.

Designed to replace the Albion Ferry to enhance traffic flow, the Golden Ears Bridge is an adaptation of the Alex Fraser cable stayed bridge. With many years of international experience, the Golden Crossing Constructors modified the design to create a much lower profile bridge.

SOLUTION

Con-Fume Silica Fume was used in approximately 6,000 cubic meters (7,800 cubic yards) of concrete on the Golden Ears Bridge project. Rempel Brothers Concrete Ltd. was impressed with the consistent qualities that Con-Fume gave to the plastic and hardened concrete. Con-Fume Silica Fume is specially engineered for enhanced flowability in pneumatic storage and batching equipment.

With vast experience supplying the round the clock demands of the construction industry, we were able to provide a high quality silica fume product to the Golden Ears Bridge project while maintaining the flexibility to meet any changes in the construction schedule.

OWNER:

Translink

ENGINEER:

Bilfing Berger & CH2MHill

CONCRETE SUPPLIER:

Rempel Brothers Concrete Ltd.

PLACERS:

Neelco, R-Four

PRODUCTS:

Learn more at kryton.com

Con-Fume®



Con-Fume provides enhanced bulk material flow and handling characteristics, providing efficient bulk transportation and pneumatic unloading.



Con-Fume can be used with ready-mix, shotcrete and precast concrete applications.