

Evergreen Line Rapid Transit

Organization: SNC—Lavalin Constructors (Pacific) Inc.

Technology Focus: Distributed Antenna System (DAS), Cobham, CommScope and Microlab technology , TASC Systems Support.

Duration of the project: 2015 - 2016

The Evergreen Line is an 11-kilometre extension to the existing SkyTrain system in Metro Vancouver. It is a fast, frequent and convenient SkyTrain service, connecting Coquitlam City Centre through Port Moody to Lougheed Town Centre in approximately 15 minutes. The Evergreen Line was completed in early 2017.

Cartel provided Coverage Enhancement that supports Skytrain Operations and Public Safety (400, 700, 800 MHz). Cartel deployed a combination of Cobham, CommScope and Microlab DAS equipment, TASC RF conditioning equipment as well as design and site services for commissioning and optimization for the Distributed Antenna System for the Evergreen Line Underground Radio System.

The system provides better than 95% coverage to 2.2 KM of underground tunnel coverage.

