



# Tunnel Construction: Next Steps

## Overview

Construction for the Evergreen Line includes a two-kilometre bored tunnel with tunnel portals located in Port Moody and Coquitlam. Tunnel boring is complete, and work will now begin to build the interior base and center wall within the tunnel. This will be followed by the installation of tunnel ventilation systems, trackwork, and power and communications systems.

## Next Steps

### Dismantling the TBM

The tunnel boring machine will be dismantled and removed from the south tunnel work area. This will take about two months.

### Tunnel Construction

Construction will occur in the tunnel to build the base for the track and the interior centre wall that separates inbound and outbound trains.

### Track and Systems Installation

Once the interior base and centre wall are built, tunnel ventilation systems will be installed and then track installation will occur. Rails are welded outside the tunnel, and will be pushed from the north tunnel portal through the tunnel. Following track installation, power systems and communications systems will be installed.

### Tunnel Portals: Restoration

Once the tunnel work is complete, the tunnel portals will be enclosed and the area around them restored and landscaped.

### Testing & Commissioning

Finally, testing and commissioning will occur. This ensures that trains, equipment and systems are able to operate safely and effectively in advance of the Evergreen Line opening for service. Testing and commissioning involves systems testing and manual and automatic train testing. Systems testing includes everything from power systems, radio communications, and tunnel ventilation. Manual and automatic train testing includes clearance testing, manual and automatic train control testing, speed testing, and multiple train testing.

**The Evergreen Line will be complete and in service in early 2017.**



Evergreen Line tunnel

If you would like to learn more about the Evergreen Line Project or have your name added to the information email subscription list, please visit the Project Office (2900 Barnet Highway, Coquitlam) weekdays from 8:30 am to 4:30 pm or contact us:

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