



Tunnel Construction: Next Steps

Overview

Construction for the Evergreen Line Project includes a two-kilometre bored tunnel with tunnel portals located in Port Moody and Coquitlam. Tunnel boring is complete, and the interior tunnel base is complete. Work is underway to build the centre 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 has been dismantled and removed from the south tunnel work area.

Tunnel Construction

The tunnel base for the track has been built. Construction is underway to build 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.

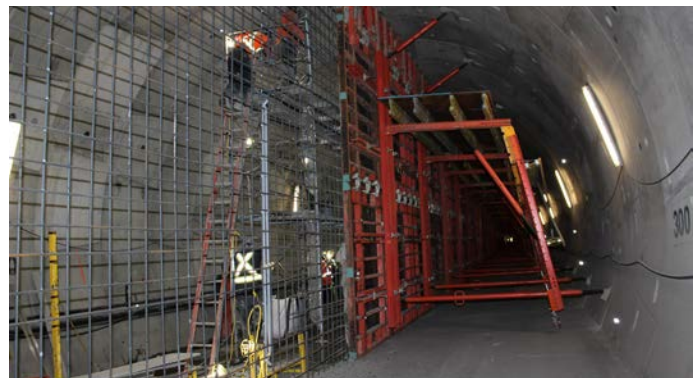
Tunnel Portals: Restoration

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 Evergreen opening for service. Testing and commissioning involves systems testing and manual and automatic train testing. Systems testing includes everything from power systems and radio communications to tunnel ventilation. Manual and automatic train testing includes clearance testing, manual and automatic train control testing, speed testing, and multiple train testing.

Evergreen will be complete and in service in early 2017.



Centre wall construction in the Evergreen 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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