



COMMUNITY UPDATE NO. 9 – October 2014

LAUNCHING TRUSS HAS MOVED TO COQUITLAM-PINETREE



Completed guideway work on North Road

Evergreen Line construction crews have completed the elevated guideway installation on Clarke Road and North Road. The launching truss that was used to lift and install individual pre-cast concrete segments has been disassembled and moved to the future Coquitlam Central Station area to install the elevated guideway along Pinetree Way. The launching truss will start at Coquitlam Central Station and work its way north to Lafarge Lake-Douglas Station.

In total, the launching truss lifted and assembled 618 concrete guideway segments in the Burnaby-Burquitlam corridor and will assemble 387 segments along Pinetree Way in Coquitlam.

The Evergreen Line website www.evergreenline.gov.bc.ca has a new video on elevated guideway construction and highlights how the launching truss works. Check it out to learn more about how we build it.

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ROAD IMPROVEMENTS

Following the installation of the elevated guideway on Clarke Road and North Road, the project’s final road improvements in this area are underway along Clarke Road in Burquitlam and will continue on North Road. Final road improvements include median treatments, sidewalks, curbs, signal lights, repaving, line painting and landscaping. There will be a new dedicated southbound right turn lane on Clarke Road at Como Lake Avenue and a new dedicated northbound left turn lane of Clarke Road at Como Lake Avenue to improve the traffic movement at the intersection.

Thank you to everyone in the Burnaby-Burquitlam community for your patience during construction of the guideway and during the road improvements.



With the completion of the elevated guideway structure, roadwork crews have moved in to do final road work. On Clarke Road in Burquitlam that includes new medians, sidewalks, signal work and repaving.

PORT MOODY AT-GRADE GUIDEWAY AND SPECIAL STRUCTURES

Construction of the guideway in Port Moody continues with two elevated structures and an at-grade guideway along the existing rail line. Foundation construction for the at-grade guideway from Elgin Street to just east of the pedestrian overpass is complete and guideway construction is ongoing.



The track work crew installing rails on the elevated structure by Schoolhouse Creek in Port Moody.



The Evergreen Line at-grade guideway between the existing rail line and Clarke Street in Port Moody. The guideway passes under the Moody Street overpass on the way to Moody Centre Station.

BUILDING THE EVERGREEN LINE STATIONS

Station construction is well underway at all seven stations and will continue through 2015. Check out our updated construction schedules at www.evergreenline.gov.bc.ca for more information on activities in your area.

Lougheed Town Centre Station



The new entrance for the Evergreen Line at Lougheed Town Centre Station is taking shape. The structural steel has been installed to support the glass roof over the stairs and escalator.

Burquitlam Station



The elevated guideway has been completed through Burquitlam Station. The steel frame of the station is above the guideway.

Moody Centre Station



Moody Centre Station is taking shape. This station will serve SkyTrain and West Coast Express passengers.

Inlet Centre Station



At Inlet Centre Station construction crews are busy installing reinforcing steel at the west entrance to prepare for a concrete pour for the station way. To watch the construction, check out the webcam on the project website.

Coquitlam Central Station



Coquitlam Central Station construction has seen installation of girders and internal structures. The Evergreen Line launching truss will be assembled in this area to start elevated guideway construction along Pinetree Way.

Lincoln Station



Foundation work is underway at Lincoln Station, and the support structures are ready for the launching truss to come through to install the elevated guideway.

Lafarge Lake – Douglas Station



Lafarge Lake – Douglas Station construction is progressing rapidly now that station and guideway girders have been installed.

CONSTRUCTION PROCESS: SYSTEMS AND TRACK WORK

Once a section of guideway is complete track work crews start their task of installing the rails, power and communications systems. Individual rails are welded together and installed along the guideway. Power rails that provide direct current to the SkyTrain cars are installed along with optic fibre cables and safety systems. The track crews also install the walkways used to service the guideway. The majority of track work will have limited traffic impacts. There may be some intermittent lane closures as components are lifted onto the guideway. Systems and track work is currently underway in Burquitlam and Port Moody.



An operator views rails being welded through screen to protect eyesight. Individual rails are welded to make 400 metre sections of track.



At a rail welding operation at the south tunnel portal in Burquitlam, quality control includes the use of ultrasound technology to inspect each weld.

PROJECT TEAM PROFILES: MEIRIC PREECE, TECHNICAL DIRECTOR, EGRT CONSTRUCTION



In our new series, we will profile individuals working on the Evergreen Line and describe the different roles involved in designing and constructing a large infrastructure project. If you would like to see a certain profession or role profiled, let us know at info@evergreenline.gov.bc.ca.

Meet Meiric. Meiric Preece is the Technical Director for EGRT Construction, the contractor designing and building the Evergreen Line. Meiric brings a unique level of knowledge and experience to the project, having worked on all the SkyTrain lines in the Lower Mainland. After graduating from the University of British Columbia with a Bachelor of Engineering, Meiric joined ND LEA Consultants which was later taken over by the MMM Group. Meiric is a Partner with MMM and was brought on by EGRT Construction for the Evergreen Line Project. As the Technical Director, Meiric is in charge of all the design, working directly with the Province's Technical Director, Raymond Louie. We sat down with Meiric to discuss his role on the project, what a typical day looks like and what he finds most rewarding.

Q: What does a typical day look like for you?

A: In the first year it was one design meeting after another and many technical submissions to review. Now there are still meetings and technical issues to be resolved but the days are a little shorter.

Q: What is the highlight of your job?

A: Developing a concept design in my head, putting the design on paper and then seeing it constructed is a highlight. I get to see ideas and visions come to life.

Q: What is your educational background?

A: I first obtained a survey diploma from BCIT and then after five years as a Hydrographer I obtained a Civil Engineering Degree from the University of British Columbia.

Q: What advice would you give to people with similar career aspirations?

A: My advice is simple. One has to work hard and take advantage of opportunities that present themselves.

Q: What is the best part about your job?

A: The best part of my job is solving problems and seeing solutions implemented.

Q: What is the most challenging part of your job?

A: The biggest challenge is helping designers in various parts of the project see how the work will come together. It can be tricky working with different groups and creating one vision. With challenge comes reward so it's a part of my job that I enjoy.

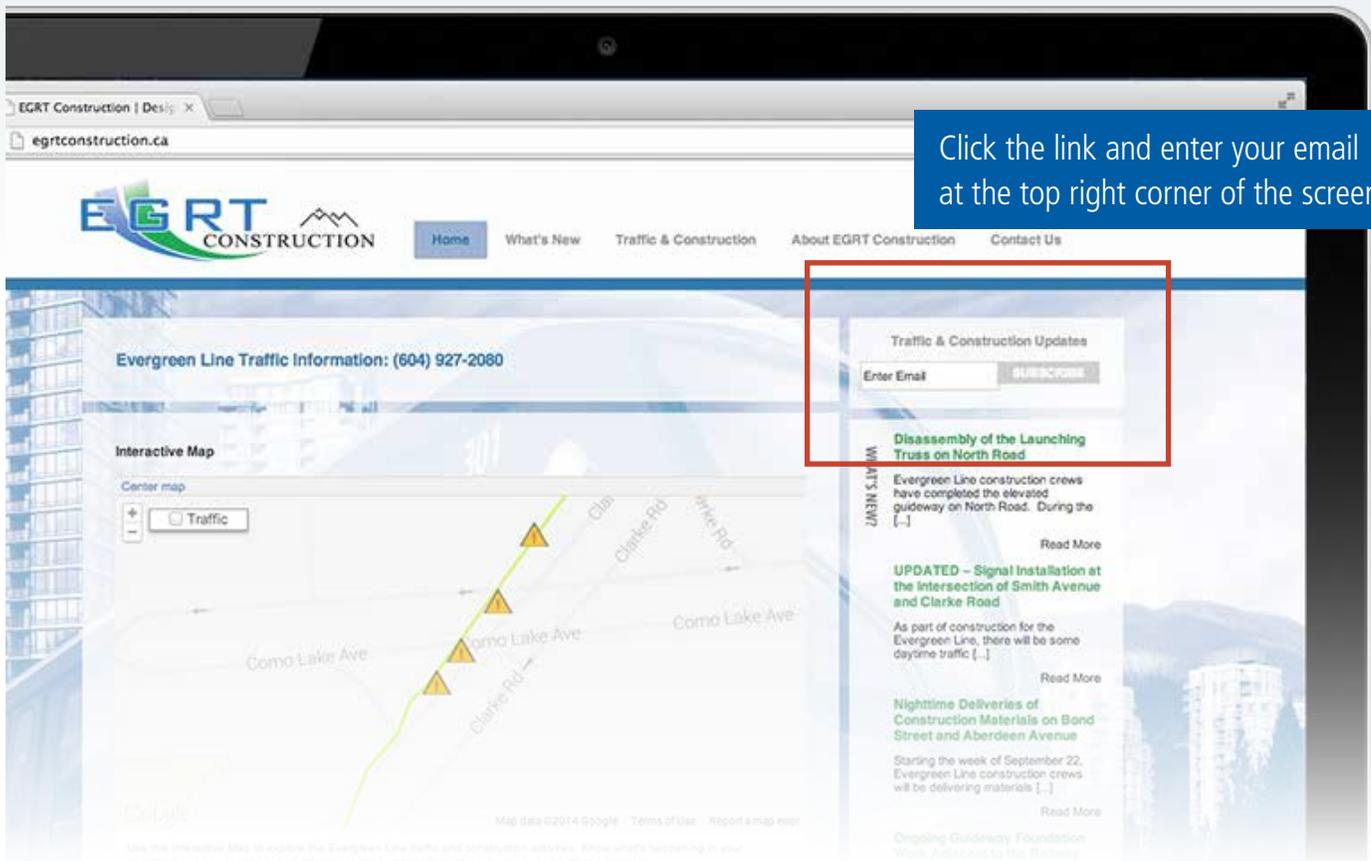
“The best part of my job is solving problems and seeing solutions implemented.”

STUDENTS VISIT THE EVERGREEN LINE PROJECT OFFICE

The Evergreen Line Project Office in Coquitlam serves as a local source of information for the community. Visitors to the office include residents, business owners, realtors and tourists. The office is also an educational resource for students interested in learning about transit and construction. In July, the office was visited by two groups of students who are learning English as their second language. They learned about how the Evergreen Line will benefit their community and, at the same time, had the chance to practice their English language skills.

PROJECT UPDATES AND TRAFFIC INFORMATION

Canada's new anti-spam legislation requires your explicit consent to continue to receive project updates and traffic information. Please visit this site to ensure you continue to receive updates: <http://egrtconstruction.ca>.



Click the link and enter your email at the top right corner of the screen.

FOR MORE INFORMATION

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:

Email: info@evergreenline.gov.bc.ca
Phone: 604-927-4452
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