



Project: Evergreen Rapid Transit Line Projects

Highlights

Owner: TransLink
Client: SNC Lavalin/Graham JV
Contract Value: greater than \$10 million

Work Completed: July 2014
Region: Vancouver (Port Moody/Coquitlam)
Technology/Service: Driven Pipe Pile

Scope

Supply and installation of large diameter pipe piles, rebar and concrete for a total of 54 elevated guideway supports. The project overcame many access and execution issues, related to tight quarters, train delays, vehicle traffic, pedestrians, businesses and homes, pile obstructions and artesian wells. The Evergreen line is an 11 km extension to the existing TransLink SkyTrain system in Metro Vancouver.

Fast Facts

- 221 open-ended pipe piles, cleanout, rebar and tremie concrete placement
- 7,000+ metres of 36" (910mm) and 72" (1,800mm) dia. pipe pile, depths to 45m (150 ft.)
- Keller utilized 3 distinct crews for: Pile driving, bore hole cleanout, rebar and concrete

Results/Value

All work was completed to agreed revised schedule and budget despite significant project delays experiencing an exceptional safety record of zero incidents over 23,000 manhours. Client provided recommendation on our outstanding performance.