



Location: Vancouver, BC

Owner: Vancouver Convention Centre
Expansion Project

General
Contractor: PCL

Marine
Contractor: Vancouver Pile Driving Ltd.

Start: 2005

Completion: 2006

Value: \$20,000,000

Project Description:

- Approximately 1000 - 36"Ø steel pipe piles were installed. Both marine and land pile operations occurred simultaneously to maintain a demanding pile schedule.
- Supply and install a sheet pile wall complete with tie-back anchors.
- Site preparation involved the demolition and disposal of marine structures (concrete wharf, Berthing dolphins etc.) and a land based vehicle ramp.
- Ground densification included both marine and land based operations working to densify a perimeter berm around the site.
- Dredging and disposal of contaminated material and backfill with clean material.
- 17 - 2.4mØ concrete caisson were installed to support the Viaduct. This involved driving a steel casing into the ground, auger drilling a hole to the required depth, installing a rebar cage and installing concrete with a tremie pour.

