

Halifax Harbour Sewer Collection System



HALIFAX, NOVA SCOTIA

Halifax Harbour Sewer Collection System Upper Water Street Tunnel

COMPLETION DATE

2005

VALUE OF CONTRACT

\$6,737,000

OWNER

Halifax Regional Municipality
P.O. Box 1749
Halifax, Nova Scotia, B3J 3A5

GENERAL CONTRACTOR

Dexter Construction Ltd.
Mr. Gerry Dell
902-835-3381



Project Description

TUNNEL MINING DIMENSIONS

1075m x 2.9m \varnothing

EXCAVATION METHOD

Robbins Tunnel Boring Machine

GEOLOGY

Halifax Formation Slate with some Greywacke/Quartzite. The rock strength ranges from 50MPa in the slate to 200MPa in the Quartzite

TUNNEL INITIAL SUPPORT

Rock bolt, Channel and Hardwood Lagging

TUNNEL FINAL LINING

300mm thick Cast-in-Place Concrete

