

Carruthers' Creek / Hwy 401

AJAX, ONTARIO

Forcemain, Sanitary Sewer & Utility Service



COMPLETION DATE

1995

VALUE OF CONTRACT

\$1,200,000.00

OWNER

Regional Municipality of Durham
Contact: Mr. Bob Britton
905-668-7721

CONSULTANT

Fred Schaeffer & Associates
905-738-6100



Project Description

Forcemain, Sanitary Sewer & Utility Service in Tunnel crossing beneath Hwy 401.
Contract No. D94-15
Sub-Contract to Pachino Construction Co. Ltd. Toronto, Ontario

TUNNEL MINING DIMENSIONS

145m x 2.80m Ø

EXCAVATION METHOD

Lovat Tunnel Boring Machine

GEOLOGY

Shale

TUNNEL INITIAL SUPPORT

4 @ 13 Steel Ribs and 3" Hardwood Lagging

TUNNEL FINAL LINING

2 – 300mm & 1 – 400mm Ducts
1 – 900mm Ø Concrete Sewer Pipe
1 – 750mm Ø Concrete Pressure Pipe
All Grouted in Place

