

14th Avenue Trunk Relief Sewer

MARKHAM, ONTARIO

14th Avenue Trunk Service (Tunnel)



COMPLETION DATE

1994

VALUE OF CONTRACT

\$2,200,000.00

OWNER

Town of Markham
Contact: Mr. J. Jackson
905-477-7000

CONSULTANT

Marshall Macklin Monaghan
Mr. E. Jetten
905-882-1100



Project Description

Contract No. 90-12 (B)

TUNNEL MINING DIMENSIONS

590m x 2.44m Ø

EXCAVATION METHOD

Lovat Tunnel Boring Machine

GEOLOGY

Hard Till

TUNNEL INITIAL SUPPORT

4 @ 13 Steel Ribs and 3" Hardwood Lagging

TUNNEL FINAL LINING

1650mm Ø Cast-in Place Concrete Lining

600mm (1/2 Pipe) Low Flow Concrete Pipe

