

GSE/CSCE Talk - October 19, 2000

TOPIC: Tunneling - The Edmonton Experience

PRESENTATION BY: K. C. Er, P. Eng., Director, Design & Construction, Drainage Services, Asset Management and Public Works, City of Edmonton

ABSTRACT: In early 1950s the City of Edmonton started developing its in-house expertise in tunneling. This presentation provides a brief history of how the City of Edmonton developed and maintained an in-house expertise in tunneling. It outlines the tunnel construction techniques used by the city forces, discusses some of the key elements involved in attaining a successful tunnel project and introduces “tunnel simulation”, a recent advancement used in the planning stage of a tunnel project.

Venue: University of Alberta Faculty Club, 11435 Saskatchewan Drive, Parking (Lot V) access through 116 Street

Time: Cocktail & Registration at 6:00 p.m., Dinner: 6:30 pm, Presentation at 7:30 p.m.

Date: October 19, 2000

Cost: GSE Members \$ 20; Students \$ 12, Non Members \$ 30