



North Edmonton Sanitary Trunk Sewer (NEST) Edmonton, Alberta - Breakthrough



CONGRATULATIONS !

The LOVAT M100SE Series 19100 TBM has broken through on its current drive, on part of the North Edmonton Sanitary Trunk Sewer tunnel project located in Edmonton, Alberta. The 2.5 meter, Soft Ground TBM is one of eight LOVAT TBMs supplied to the City Public Works Department.

The subsurface profile along the tunnel alignment was comprised of fill clay and clay till, overlying the sedimentary bedrock at depths from 2.7 to 10 meters. The bedrock consisted of clay shale, sandstone and siltstone with occasional coal and bentonite layers. Challenging conditions were encountered during a portion of the drive due to highly plastic clay-shales which became “sticky” when wetted.

The TBM is now being readied to re-launch and continue excavation on the next phase of the project.