



YDSS Interceptor Sewer – 19TH Avenue Richmond Hill, Canada



In mid-February 2007, the McNally Construction Inc. & AECOM Group Inc. Joint Venture took delivery of a LOVAT RME129SE, this is the second of three machines to be supplied to McNally for projects in York Region. Mining with the first machine is already underway in Vaughan, on the Bathurst and Langstaff Project. “Motorclara”, as the second TBM is known, will join the first TBM “Laura” in constructing the latest expansion of the sewer systems in the Regional Municipality of York, north of Toronto.

The twin 3.3 meter TBMs will bore 5.1 km and 3.7 km tunnels through the environmentally sensitive Oak Ridges Moraine. The moraine is a provincially significant natural feature, formed 12,000 years ago by advancing and retreating glaciers. In addition to containing a wide diversity of streams, woodlands, wetlands, and significant flora & fauna, the headwaters of 65 river systems originate in the moraine. Geological conditions will consist of Quaternary deposits, including a variety of glacial till, glacio-lacustrine, and glacio-fluvial sand, silt and clay. An appreciable number of cobbles and boulders is also expected to be encountered along the tunnel alignment.

Joining the first RME129SE (Series 22600) at the jobsite in late February, the second RME129SE (Series 22700) is currently being assembled. Mining is expected to commence in early March of 2007. A third RME129SE is presently being manufactured for delivery by mid year, and will be used for an additional phase of the project.

