

The Urban Transportation Development Corporation is a research and development and manufacturing operation owned by the Ontario government and run by a board drawn from business and industry.

Its purpose is to develop new and better ways to move large numbers of people around and in and out of cities.

It has recently begun building cars, although originally it did only the basic planning and left the manufacturing to private companies. For example, it had the SIG Company of Switzerland build it six light rail prototypes. After revisions the corporation gave Hawker Siddeley the contract to build 190.

UTDC has also produced designs for suspension and propulsion systems, for flywheel energy storage and for articulated rail vehicles.

Its consultants have worked with transit planners in San Francisco and have helped the Brazilian government to coordinate services in five state capitals.

Montreal R & R

Transport Canada, the federal government's department of transportation, has a Transportation Development Centre in Montreal. It funds basic concept research and the building of prototypes. It has been instrumental in developing a design for a thoroughly modern taxicab and magnetically levitated transportation systems, among other things.

Two-way Transit

"There isn't a single vehicle running in Canada now which doesn't have a very significant U.S. element. Bombardier's cars for Chicago have 80 per cent American content and Hawker Siddeley estimates U.S. content of the Massachusetts Bay Transportation Authority at 55 per cent."

Carl Mawby, a Bombardier executive and former chief of the Urban Transportation Division of the Canadian Ministry of Industry, Trade and Commerce.

Some Amazing Cars

The LRC— Light, Rapid and Comfortable

The LRC passenger train carries people from city to city. It was designed over a twelve-year period by Bombardier, Alcan and Dofasco. Because of its banking system, its lightweight construction, advanced suspension and low centre of gravity, it can go around curves on a standard track faster than any other train in the world.

The banking system is built into each coach.



The unique banking system of Bombardier's LRC trains allows them to negotiate sharp curves at high speed.