

North LRT to NAIT Fact Sheet

www.edmonton.ca/nlrt

April 2011

North LRT to NAIT

The North LRT (NLRT) to NAIT is a 3.3 km light rail extension from Churchill LRT Station in downtown Edmonton northwest to the Northern Alberta Institute of Technology (NAIT). It's the first segment of a planned LRT expansion to northwest Edmonton city limits near St. Albert.

NLRT to NAIT right-of-way details are as follows, listed south to north:

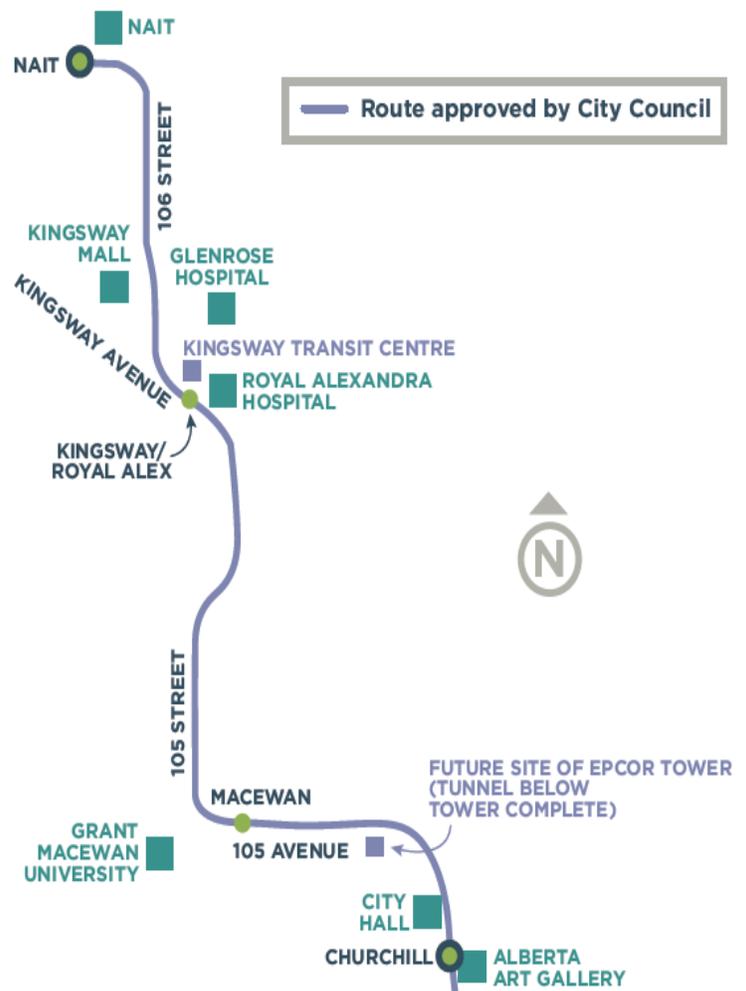
Underground

- Connects underground to Edmonton's LRT network at Churchill Station.
- Follows tunnel northwest below 104 Ave, the new EPCOR Tower and 101 Street.
- Emerges from tunnel portal at 105 Ave/103 Street.

Street Level

- Continues west to MacEwan LRT Station at 105 Ave/104 Street.
- Curves north to follow centre of 105 Street to 108 Ave.
- Curves northeast to follow 104 Street to Kingsway Ave.
- Curves northwest across Kingsway Ave to Kingsway/Royal Alex LRT Station on north side of Kingsway Ave at 105 Street.
- Curves north to follow east side of 106 Street to Princess Elizabeth Ave.
- Curves west across 106 Street and Princess Elizabeth Ave to NAIT LRT Station at southwest corner of NAIT campus.

The NLRT to NAIT is scheduled to open in April 2014.



North LRT to NAIT

Connecting to LRT Network

NLRT to NAIT is expected to add 13,200 weekday passengers to Edmonton's LRT network, with capacity for considerable growth once the line is extended to city limits near St. Albert. Travel time from NAIT to downtown is estimated at nine minutes. Passengers boarding the NLRT can change trains at Churchill Station to travel northeast on LRT, or ride as far south as Health Sciences Station where they can change trains to continue farther south on LRT.

Features

Built at street level (except for the 700-metre tunnel to Churchill Station) the NLRT is designed to blend with automobile and pedestrian traffic. No parking lots or bridges are included. Trains cross most intersections at street level. Sections of 105 Avenue, 108 Avenue, 105 Street and 104 Street will close permanently to automobile traffic. Design includes a multi-use trail parallel to the NLRT, a direct connection to the new Kingsway/Royal Alex Transit Centre and three new LRT stations:

- **MacEwan Station** will be surrounded by an outdoor plaza, landscaped green space and intersecting pedestrian walkways. This two-storey station provides a new downtown connection to Edmonton's LRT network and convenient access to Grant MacEwan University.
- **Kingsway/Royal Alex Station** is designed with easy access to Royal Alexandra Hospital as a top priority. Kingsway Mall is close by. The Kingsway/Royal Alex Transit Centre will help create a major transit hub for northwest Edmonton that benefits surrounding businesses and residents.
- **NAIT Station** will serve NAIT, Kingsway Mall and surrounding neighbourhoods. Built from modular transit-shelter style units on the south side of NAIT campus, this temporary station may become permanent once land-use planning for the City Centre Airport lands is complete.

Finance & Timeline

Design and construction of the NLRT to NAIT is anticipated to cost \$755 million, including land purchases and 20 new LRVs. The Government of Alberta, the Government of Canada and the City of Edmonton are financing the NLRT to NAIT, which is expected to be in service by April 2014.

Several milestones have been achieved, with many more to come:

- **2005** – North Edmonton high-speed transit study identifies NLRT corridor.
- **2007** – Concept planning initiated, including extensive public involvement.
- **2008** – City Council approves NLRT concept plan; preliminary engineering begins.
- **2009** – Detailed design begins; construction of LRT tunnel begins at Epcor Tower site.
- **2010** – Right-of-way preparations begin (roadworks, building removals, utility relocations, etc.).
- **2011** – Tunnel construction and right-of-way preparations continue.
- **2012** – LRT stations under construction and track bed preparation.
- **2013** – Track and catenary installation.
- **2014** – Scheduled opening of NLRT to NAIT.

For more information:

- Visit www.edmonton.ca/nlrt
- Voicemail: (780) 496-4874
- Email: LRTProjects@edmonton.ca