

# Century Park to Ellerslie Road

## Preliminary Engineering

### South LRT Extension

Preliminary Engineering for the South LRT Extension from Century Park to Ellerslie Road is now underway!

In July 2008, Edmonton City Council approved the Concept Plan for the South LRT Extension from Century Park to the South City Limit. Preliminary Engineering to Ellerslie Road was initiated in April 2009 after funding was approved by Council, and is scheduled for completion in January 2010.



## What is happening now?

A multidisciplinary preliminary engineering Project Team is working now to produce the following deliverables:

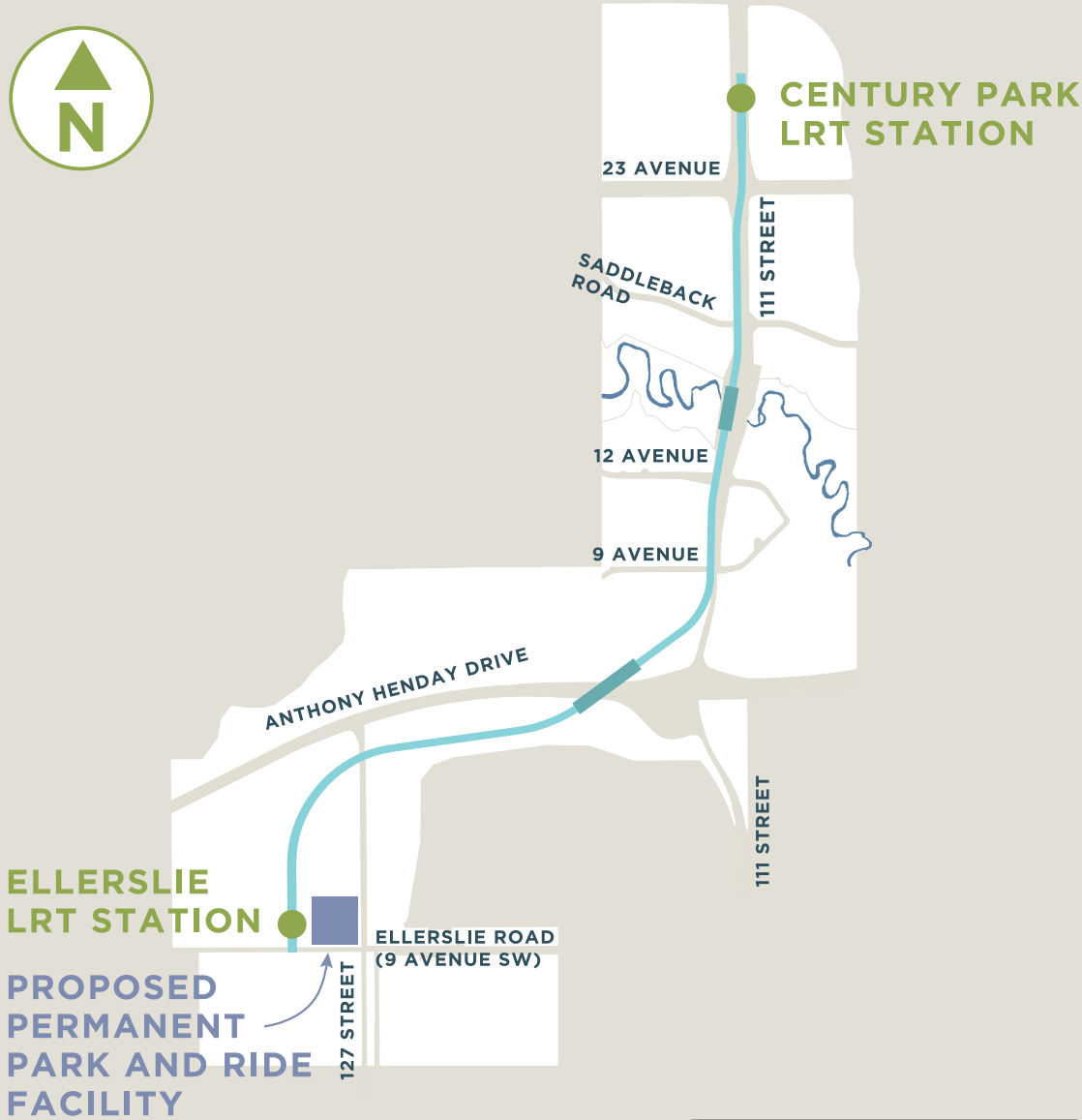
- Review of the approved LRT Concept Plan
- Preliminary Engineering
  - » Survey
  - » Geotechnical investigation
  - » Environmental and Historical studies
  - » Noise and Vibration studies
- Preliminary and Detailed Design of a Park and Ride facility at Ellerslie Road and 127 Street.

## Highlights of the South LRT Extension

- A 4.5 km LRT extension south from Century Park to Ellerslie Road.
- An underpass at 23 Avenue.
- A bridge across Blackmud Creek.
- A bridge over Anthony Henday Drive.
- An LRT station, Transit Centre, and Park and Ride facility at Ellerslie Road and 127 Street.
- An operations and maintenance facility south of Anthony Henday Drive.
- 2008 Concept Level cost estimate: \$425 Million.

# Century Park to Ellerslie Road Approved LRT Route

## Century Park to Ellerslie Road



LEGEND	
	LRT ROUTE
	LRT STATION
	PROPOSED PERMANENT PARK AND RIDE FACILITY
	BRIDGE CROSSING

# Project Background

In July 2008, Edmonton City Council approved the Concept Plan for the South LRT from Century Park to the South City Limit, which defined the alignment and approximate station locations for this next extension.

The LRT will operate on the west side of 111 Street from south of 23 Avenue to the Transportation and Utility Corridor (TUC), with surface crossings at Saddleback Road (19 Avenue), 12 Avenue and 9 Avenue. An underpass will be required at the intersection of 23 Avenue and 111 Street, with new LRT bridges across Blackmud Creek and Anthony Henday Drive. Stations will be located north of Ellerslie Road, north of 25 Avenue SW, and at the future Heritage Valley Town Centre.

The current preliminary engineering assignment extends to the station at Ellerslie Road. The station will be integrated with a Transit Centre and Park and Ride facility, the first stage of which may be constructed as early as 2010.

## What is Preliminary Engineering?

While Concept Planning involves more general ideas about where the LRT will go, Preliminary Engineering takes a closer look at how the LRT will operate technically, as well as how to integrate LRT into the existing landscape, adjacent communities, and transportation system.

The Project Team is working now to produce the following detailed deliverables:

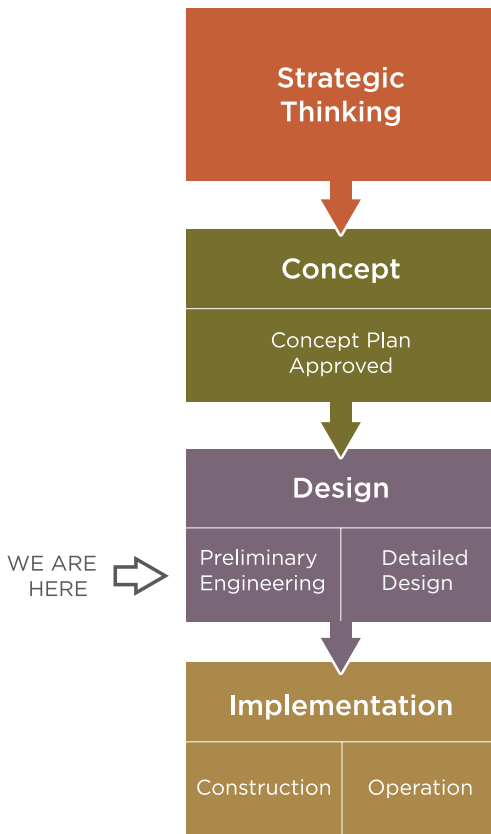
- **Public involvement materials for information sharing** - communicating information about the project to the public.
- **Risk Management Plan** - how the City can minimize fiscal risk.

- **Constructability Report** - the best way to implement the LRT extension.
- **Cost Estimates Report** - updated and refined estimates for the extension.
- **Preliminary Engineering Reports**
  - » **Track** - technical issues that need to be resolved regarding track alignment.
  - » **Noise and Vibration** - sound attenuation and vibration mitigation required in accordance with City policy.
  - » **Drainage** - for the LRT and connections to the City's existing system.
  - » **Utilities** - any relocation of utilities to accommodate the LRT extension.
  - » **Roads** - how the LRT extension will affect or change the existing transportation network.
  - » **Cyclists and Pedestrians** - accommodating access for cyclists and pedestrians.
  - » **Landscape Architecture** - landscaping for the areas in the vicinity of the LRT extension, LRT Station, Transit Centre, and Park and Ride facility.
  - » **Environmental and Historical** - protection and/or remediation of environmental considerations and historical resources.
  - » **Geotechnical** - issues relating to soil conditions in the vicinity of the LRT extension and related structures.
  - » **Systems and Communications** - technology required to operate LRT.
  - » **Structures** - options for types of structures required to accommodate the LRT extension (e.g. underpass, overpass, and/or tunnel).
  - » **Architecture** - the types of buildings to be constructed as part of the LRT extension.

In addition, the Project Team will design the permanent Park and Ride facility to be located at Ellerslie Road and 127 Street.



# LRT Project Life Cycle



## Schedule

### Mid 2009 - Early 2010

- Preliminary Engineering for LRT Extension
- Design of permanent Park and Ride facility

### Fall 2009

- Stakeholder Information Panel Meeting(s)
- Public Open House

### Late 2009 - Early 2010

- Public Information Session

### Early 2010

- Preliminary Engineering Report

# Get involved with the Stakeholder Information Panel

## What is it?

The South LRT Stakeholder Information Panel (SIP) will provide an additional opportunity to learn about the South LRT extension project and provide specific input on proposed mitigation strategies to address LRT impacts. The Panel is intended to reflect a cross-section of perspectives from community associations throughout the area affected by the proposed LRT route, and from interest groups representing ridership needs. As a volunteer SIP member, you will be expected to attend scheduled SIP meetings, where you can provide input on plans to address items such as aesthetics, landscaping, and noise attenuation.

## How can you participate?

If you are interested in volunteering for our Stakeholder Information Panel, we welcome you to apply. The City is looking for residential landowners from each of the 11 community associations along the South LRT extension route, business owners representing a business association operating along the SLRT extension, or representatives of major institutions adjacent to the SLRT extension. Representatives of ridership interest groups are also welcome to apply.

Panel members will be chosen by random draw, with an initial draw taken from those applicants located immediately adjacent to the LRT track alignment. One volunteer per neighbourhood will be selected. A total of 15-20 applications will be accepted, from now until August 15, 2009. The first meeting of the SIP will be held prior to the Fall 2009 Open House, with a follow-up meeting in late 2009.

If you would like to apply to be a SIP member, or need further information about the South LRT extension project, please contact us as indicated below. Be sure to provide your name, street address, and daytime telephone number (and include your email address if you have one).

**LRT Projects Information Line:** 780-496-4874

**LRT Projects Email:** [lrtprojects@edmonton.ca](mailto:lrtprojects@edmonton.ca)

**LRT Projects Website:** [edmonton.ca/lrtprojects](http://edmonton.ca/lrtprojects)