



TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE

# Welcome

## Northwest Light Rail Transit (LRT) Concept Planning Study



# NORTH WEST LRT CONCEPT PLANNING STUDY

## Urban Style - High Floor LRT

In June 2009, City Council approved a long term LRT Network Plan, which included a proposed change in design approach from the existing suburban style to a more urban style LRT

### Urban style means:

- Dedicated space for LRT within the road (does not mix with traffic)
- Provides priority for LRT at intersections
- Operates safely in pedestrian-oriented communities
- Designed to fit within urban environment

### Benefits of urban LRT:

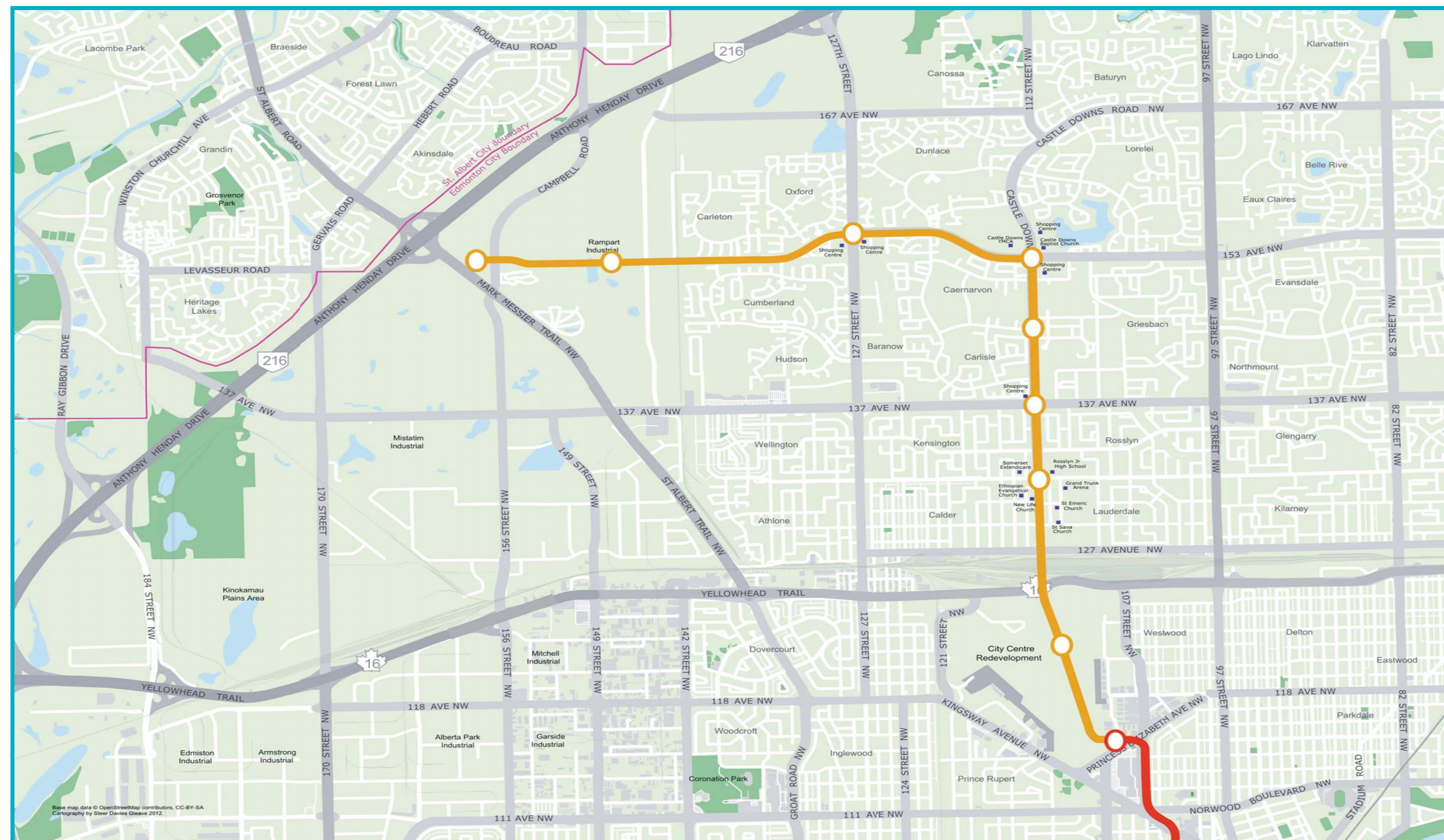
- Improved integration of LRT into the communities served
- Smaller scale stations with closer stops
- Reduced property requirements
- Fewer barriers
- Use of landscaping, streetscaping & architectural features
- Direct transit, pedestrian & cycle connections
- Use of embedded track (where appropriate) instead of rock/railway ties





# NORTH WEST LRT CONCEPT PLANNING STUDY

## July 7, 2010 - City Council Approved Corridor (Transportation System Bylaw 15101)





# NORTH WEST LRT CONCEPT PLANNING STUDY

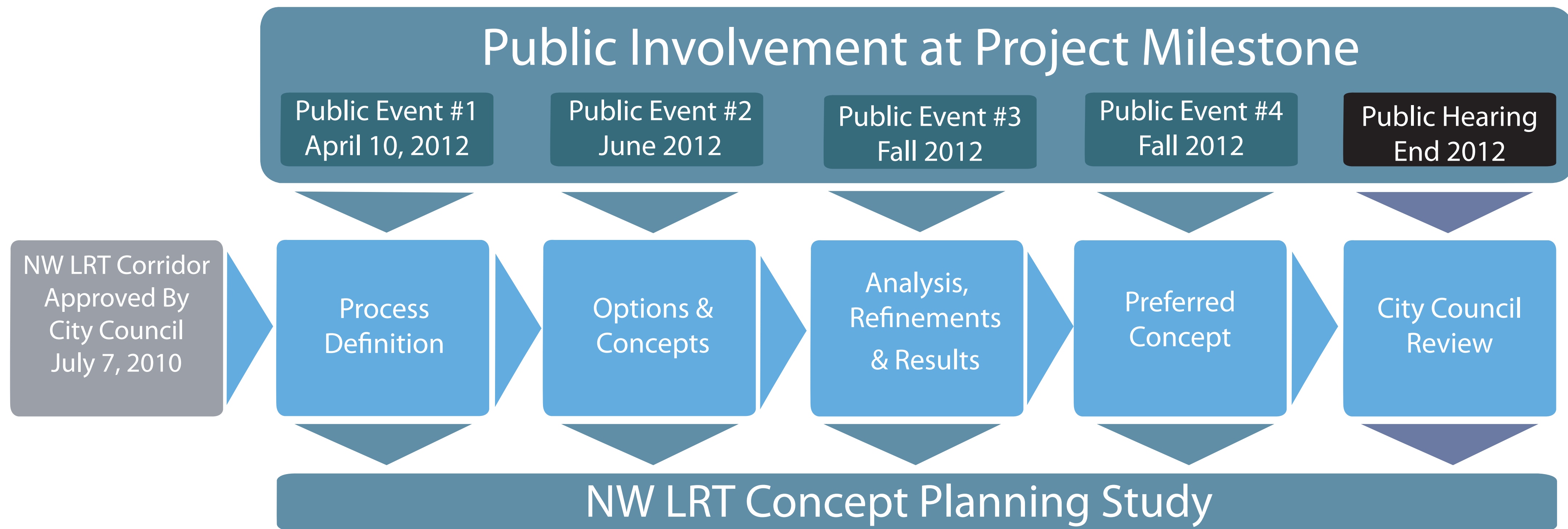
## Where We Are Now: 2012 Concept Planning Study

- The previous phase identified the route the LRT should follow
- This Concept Planning Study is to develop a concept plan that:
  - Defines specific location of tracks & stations within the approved route
  - Defines the layout of stations
  - Defines property requirements (if any)
  - Defines auto access requirements for adjacent properties
  - Considers ease of access & interchange for cyclists, pedestrians & bus users
  - Provides necessary information to begin preliminary engineering
- A recommended concept is anticipated for City Council review by the end of 2012



# NORTH WEST LRT CONCEPT PLANNING STUDY

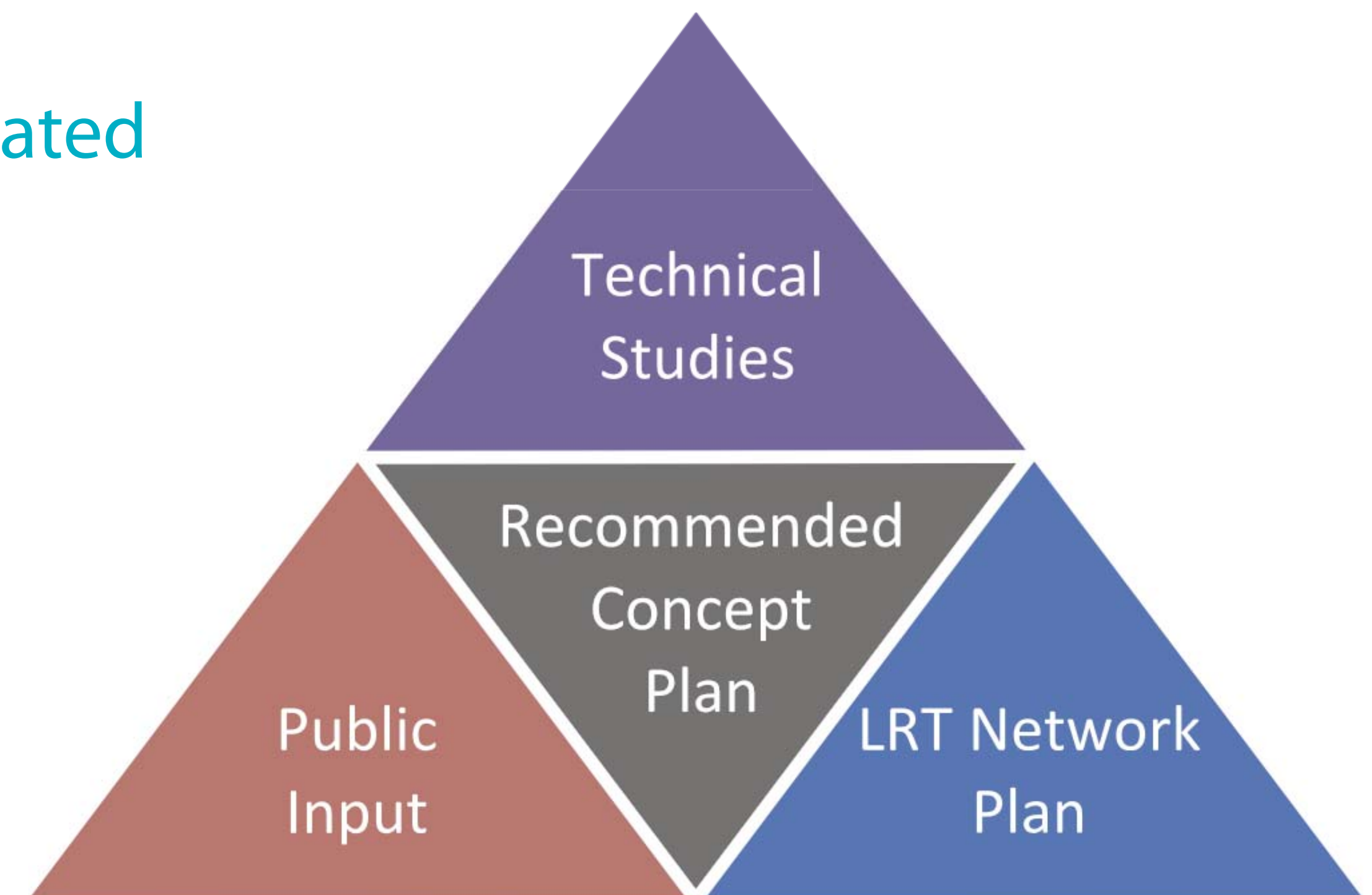
## Project Process



# NORTH WEST LRT CONCEPT PLANNING STUDY

## Evaluation

- Concept plan options will be created & evaluated based on input from you at each milestone
- Your input is used together with other elements to inform the planning process

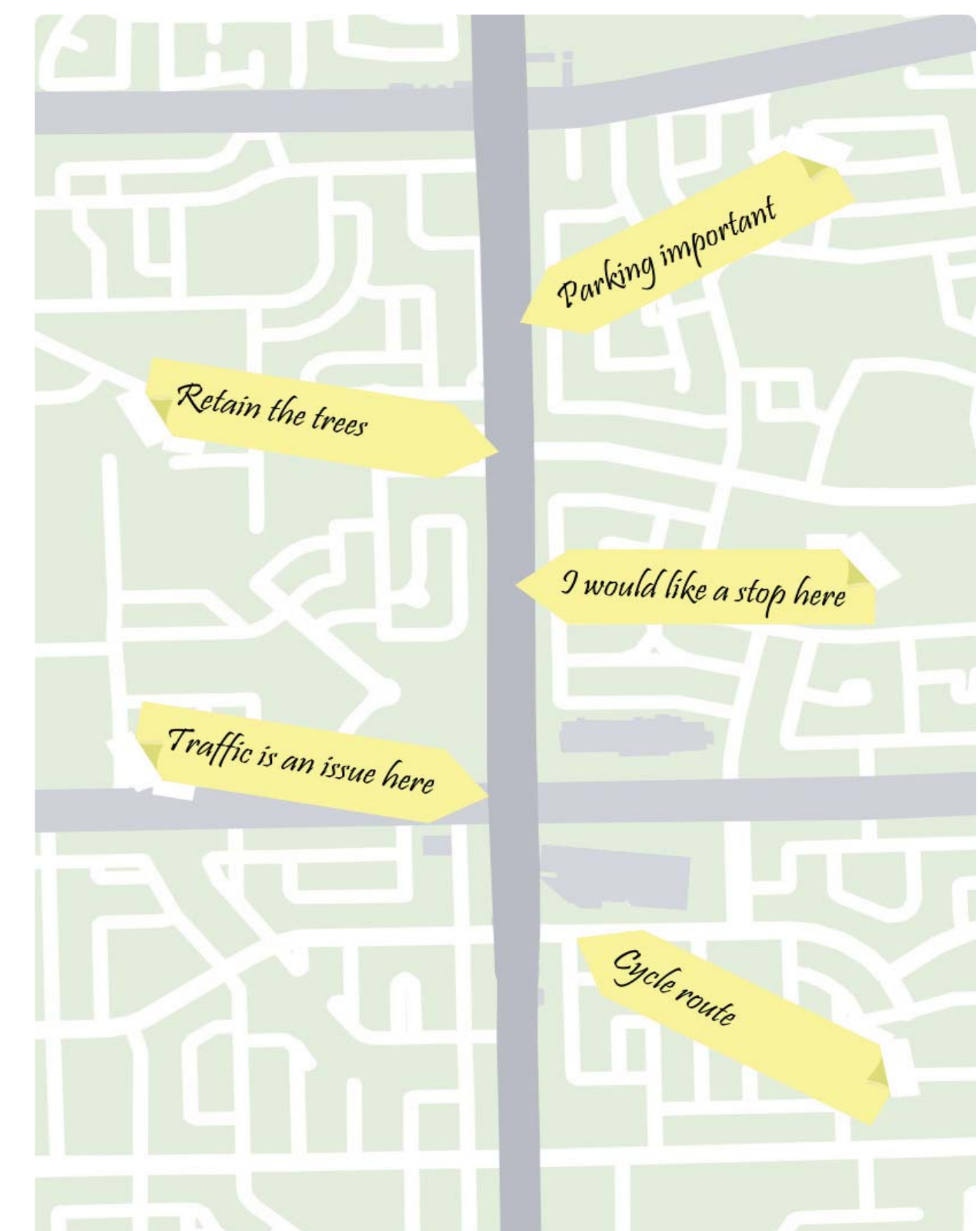




# NORTH WEST LRT CONCEPT PLANNING STUDY

## Have Your Say: Opportunities, Issues & Ideas

- The City is actively seeking your thoughts on:
  - Opportunities for the LRT Concept Plan
  - Issues or important considerations
  - Ideas to maximize the LRT's success
- Use the notes provided to document your input on following key consultation points:
  - Station locations
  - Access points (auto, pedestrian, cyclists)
  - Alignment (track) location within the right-of-way
  - Other aspirations for the project?
- Place the note directly on the geographic location related to your comment



# NORTH WEST LRT CONCEPT PLANNING STUDY

## What We Heard on April 10, 2012

### Impact on Community

Q: *'High floor system does NOT integrate well into a community.'*

A: The NW LRT will be high floor as it is an extension of an existing high floor line from the NAIT Station.

### Property Concerns

Q: *'Are the houses gone? When will we know for sure?'*

A: The City's evaluation criteria directs for the minimization of property acquisition, however in some cases, privately held property must be acquired for the project to proceed. A recommended concept plan which identifies what properties may need to be acquired for the NW LRT is to be presented to City Council before the end of 2012.

The City's Property Value and LRT Fact Sheet can be found at:  
[www.edmonton.ca/transportation/building\\_a\\_city\\_around\\_lrt.pdf](http://www.edmonton.ca/transportation/building_a_city_around_lrt.pdf)

### Traffic and Roadway Design

Q: *'Currently very narrow road. How will the LRT line impact traffic (on 153 Avenue)?'*

A: Where possible the design will retain the existing number of traffic lanes and turning movements.

### Safety Around LRT Line

Q: *'Safety is a big concern. We have small children. This plan will bring rift-raft to the areas.'*

A: The City will always develop and promote a safe design for each LRT line. Prior to each new line opening the City undertakes public engagement to communicate how residents can safely interact with the line.



# NORTH WEST LRT CONCEPT PLANNING STUDY

## What We Heard on April 10, 2012

### Noise Concerns

Q: *'I have concerns about noise caused by the LRT through this area. Bells, whistles, number of times passes behind my house, timing, etc. (referring to 153 Avenue).'*

A: The noise impact of the LRT is being assessed as part of the concept design study, information will be available at the September Open House. In adopting a more urban style approach to the LRT corridor the City will minimize the use of bells and barriers. The LRT service could run up to every five minutes in the peak hours, in each direction.

### Parking Considerations

Q: *'Will there be restricted parking for residents?'*

A: Resident parking will be retained where possible along the LRT corridor. Resident parking plans may be considered if parking issues surface.

### Cost of LRT Development

Q: *'St. Albert must contribute in some way.'*

A: The City of St. Albert is co-funding the development of the current Concept Planning study for the NW LRT and will be a co-promoter of the LRT line with the City of Edmonton as the development of the line is progressed.

### Station Positioning

Q: *'Do not put track in south side of 153 Avenue.'*  
*'Please put track on south side of 153 Avenue.'*

A: Members of the public inevitably have differing views on the positioning of the LRT line and the stations within the corridor. We are pleased to receive your comments on the proposals for the LRT design, at this and future Open Houses.

# NORTH WEST LRT CONCEPT PLANNING STUDY

## Key Details: Northwest LRT - NAIT to Northwest City Limits

Length 11km (NAIT to NW city limits)

Stations Potentially 10 stations

LRT Vehicles Existing Edmonton style high floor vehicle

Anticipated Journey Time

- 30 minutes: Campbell Road to Downtown
- 40 minutes: Campbell Road to University

Urban Style

- Designed to fit within urban environment
- Integration of LRT into communities served
- Smaller scale stations
- Reduced property requirements
- Fewer barriers
- Use of landscaping, streetscaping and architectural features
- Direct transit, pedestrian and cycle connections



# NORTH WEST LRT CONCEPT PLANNING STUDY

## Stay Up-to-Date

- Sign up for email updates



- Check out our website for up to date project information:  
[www.edmonton.ca/LRTprojects](http://www.edmonton.ca/LRTprojects)



# NORTH WEST LRT CONCEPT PLANNING STUDY

## What Happens Next

- Your creative ideas & comments will help the team evaluate the proposed concept designs and options
- In Fall 2012, a draft concept plan will be presented at a future public event. You will have an opportunity to see how your feedback is reflected and another opportunity to share your input