



# Downtown LRT Concept Plan

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)

**Transportation and Infrastructure Committee**  
**January 31, 2012**

# Public Transportation - Strategic Objective

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)

*“The City will pursue expansion of the LRT to all sectors of the city with a goal to increase transit ridership and transit mode split, and spur the development of compact, urban communities.”*

- Transportation Master Plan



Supported by Edmonton's greatest concentration of transit users  
and uses



ENHANCED TRANSIT VIABILITY



# Capital City Downtown Plan

[www.edmonton.ca/LRTPProjects](http://www.edmonton.ca/LRTPProjects)



- Integrates new and emerging City policy
- Guides development of the downtown
  - Vibrant
  - Attractive
  - Higher-density
  - Mixed-use
  - Walkable
- Supports the integration of at-grade LRT as a catalyst for mixed-used



# June 2010 Corridor Analysis

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)













- City Council reviewed/debated corridor analysis in June 2010
- Comparison of 102 Ave. vs. 103/102A Ave.

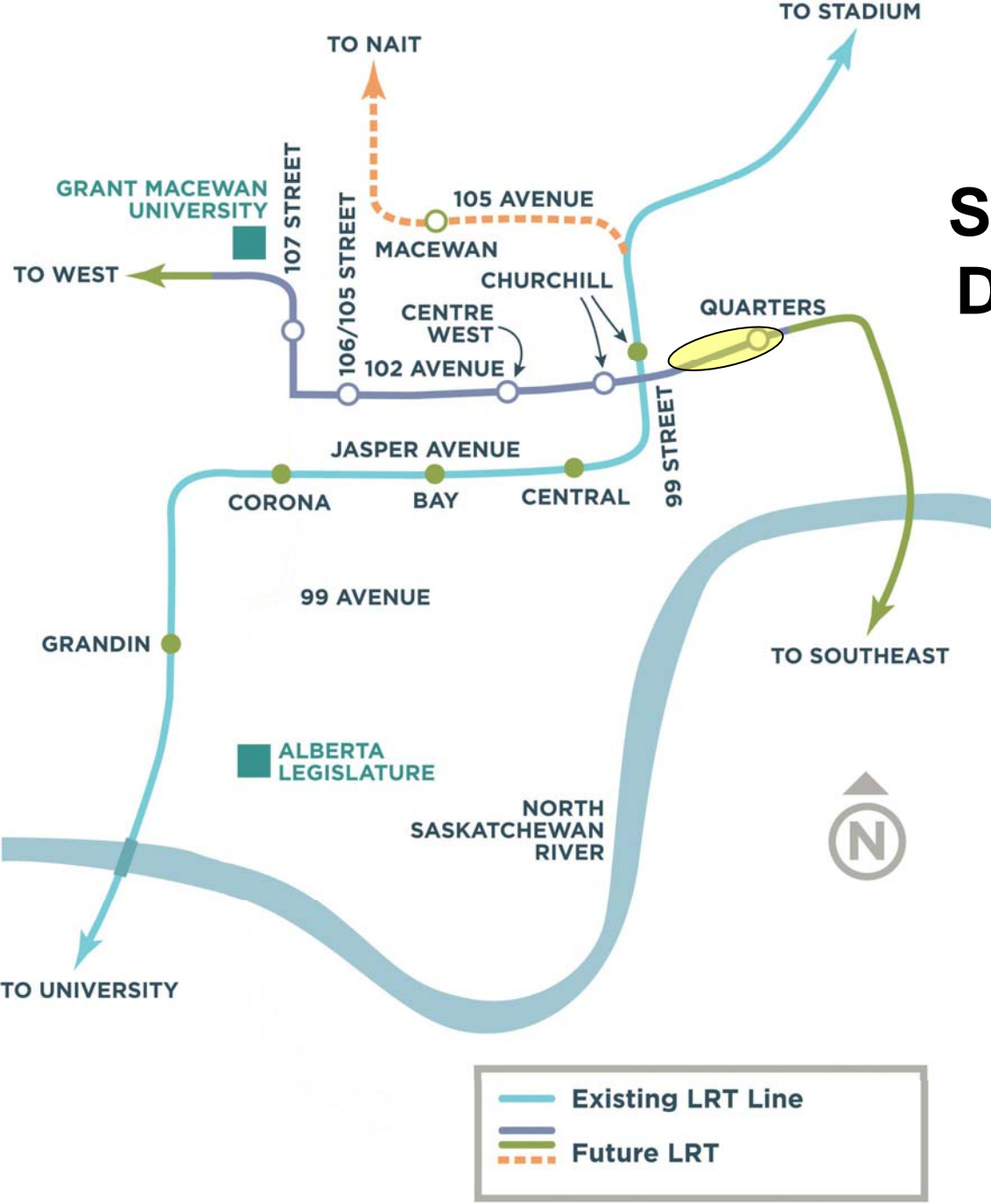
Exhibit from Downtown LRT Corridor Report June 2010

# June 2010: 102 & 103 Corridor Analysis

www.edmonton.ca/LRTProjects

	102 Avenue		102A/103 Avenue	
LRT Alignment	Provides superior connection to existing LRT		Further from existing LRT	
Catchment	Better focused on key destinations		Route is less developed with fewer key destinations May impede efficient transit operations for arena events	
Land Use Integration	Strongly supports existing and future downtown area development		Limited integration with existing employment and activity centres	
Transportation Network Integration	Provides integration with existing LRT at multiple points		Limited integration at Churchill only	
Urban Form	Advantage provided by existing development		Limited dense existing and future development	

# Southeast to West LRT Downtown Connection





# Downtown LRT Connector Concept Plan

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## **Council Motions and Questions**





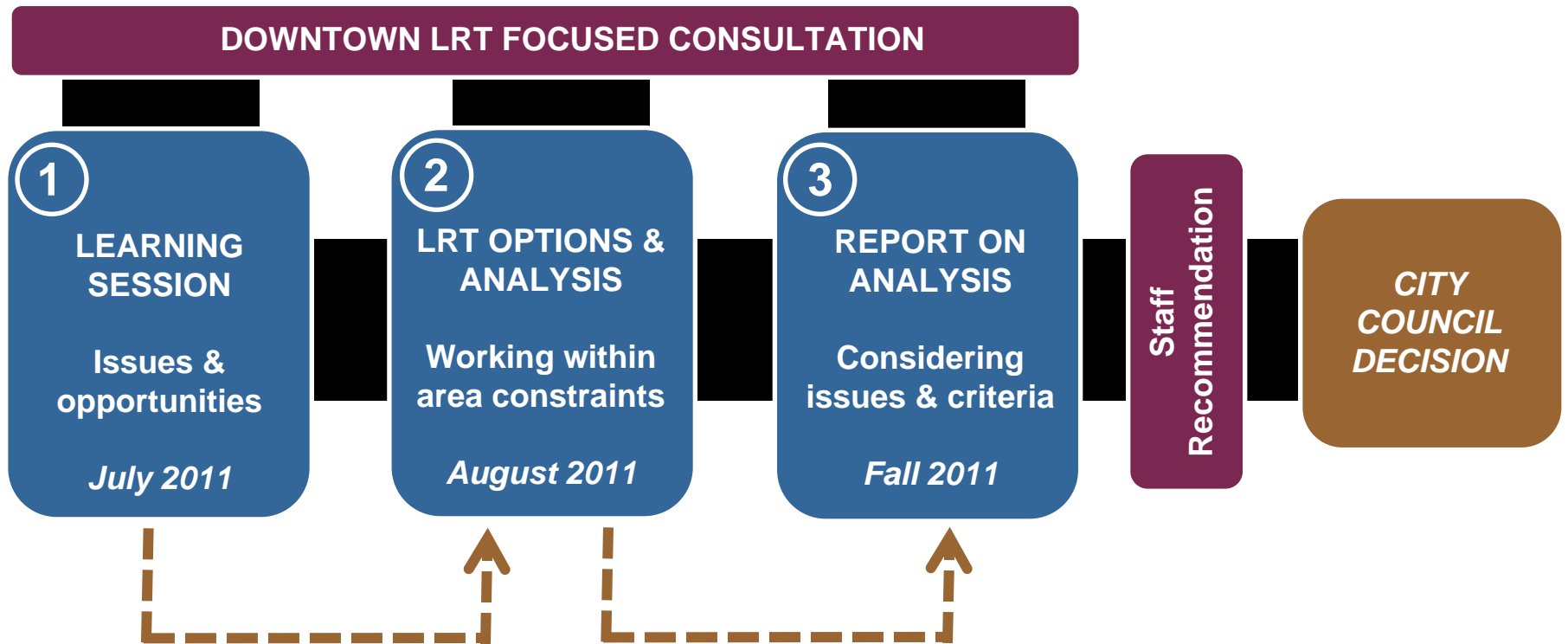
# Previous Council/Committee Action

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)

1. Consult with Grant MacEwan University and NorQuest College to reconsider the diagonal station near 104 Avenue and 107 Street.
2. Consult with the Chinese Benevolent Society, Boyle Street and other affected stakeholders:
  - a. on 102 Avenue and 102A Avenue between 95 Street and 97 Street
  - b. to develop designs to mitigate the impacts of the LRT portal including possible deletion of the 102 Avenue eastbound travel lane between 95 Street and 96 Street as a means to avoid property acquisition on the south side of 102 Avenue.

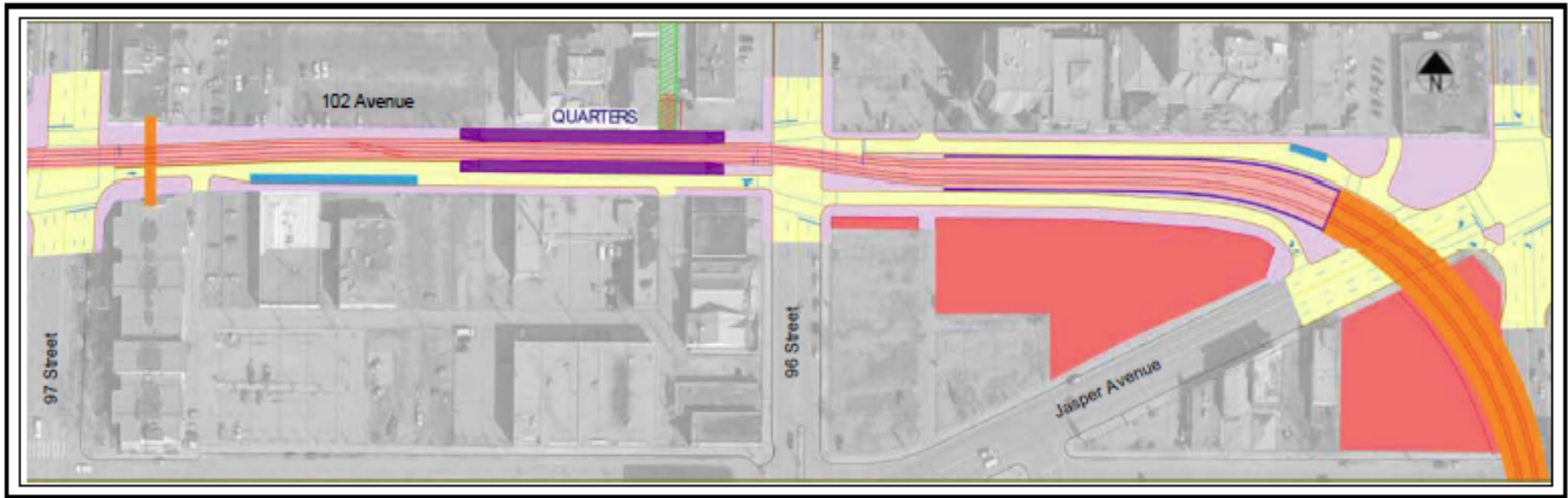
# Public Involvement

[www.edmonton.ca/LRTPProjects](http://www.edmonton.ca/LRTPProjects)

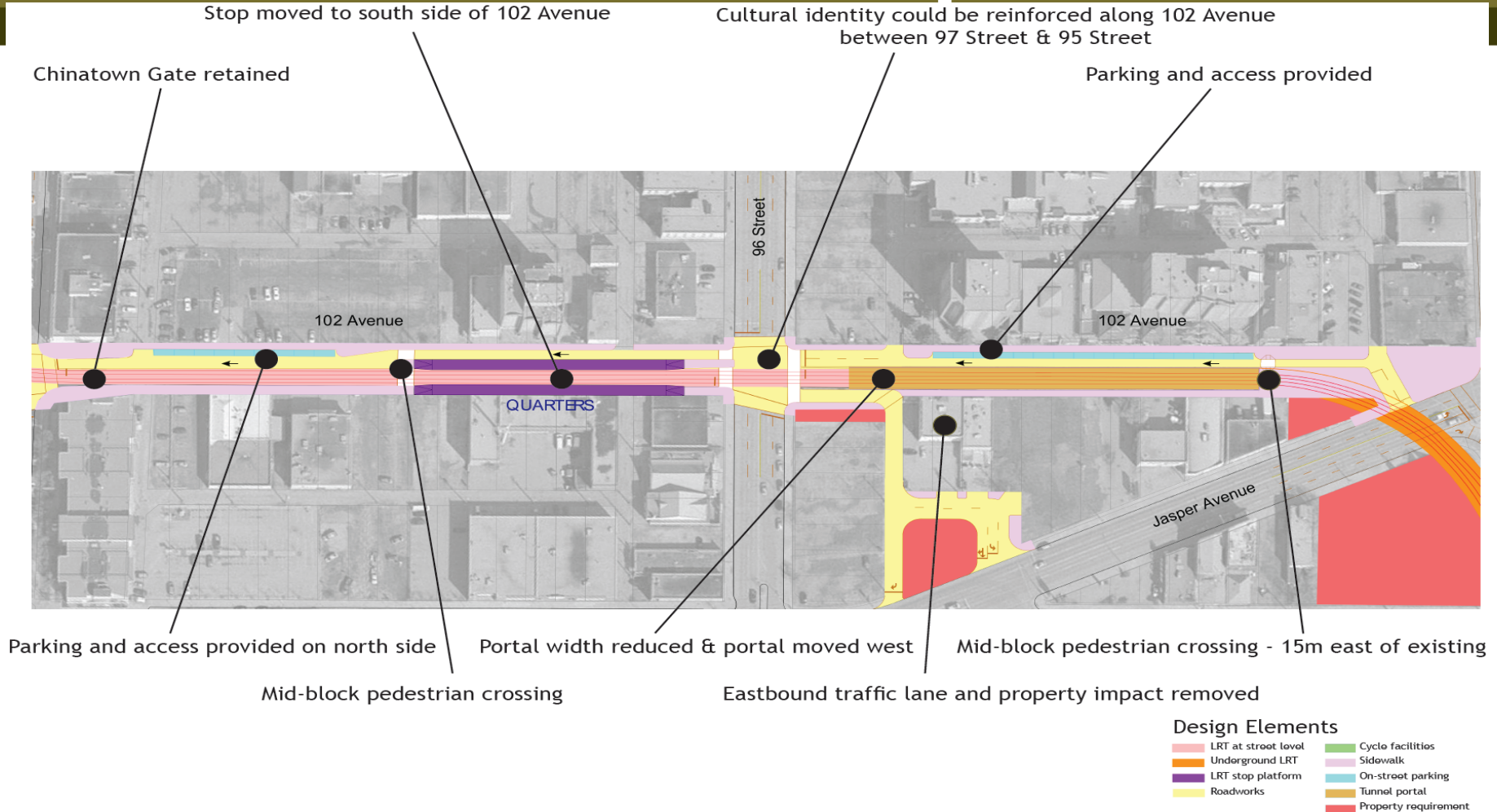


# Previous Concept Plan

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)



# Revised Concept Plan







# Previous Council/Committee Action

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)

- That Administration bring a report to the January 18, 2012, City Council meeting, outlining the following:
  - More details regarding Transportation Oriented Development, redevelopment and mixed use potentials for 102 Avenue and 102A Avenue.
  - Further details regarding the potential for an LRT stop at 95 Street and Jasper Avenue.
- Alternate options for 102A Avenue /103 Avenue, including details regarding why 102A Avenue was not used, and implications of any possible changes.

# Existing Activity Centres & Vacant Lands

[www.edmonton.ca/LRTPProjects](http://www.edmonton.ca/LRTPProjects)

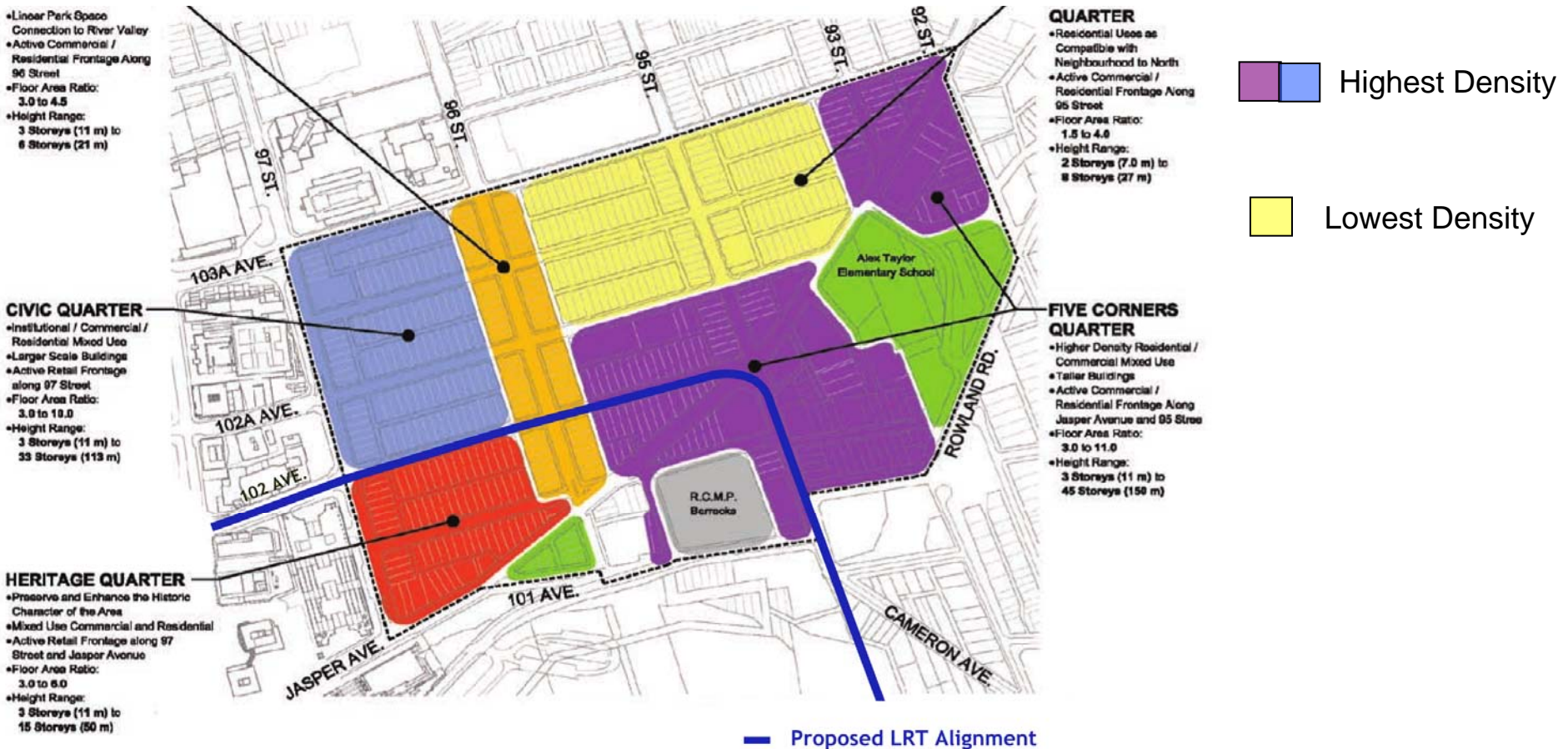


Activity Centres

Vacant Land

# Future Density and Employment Opportunities

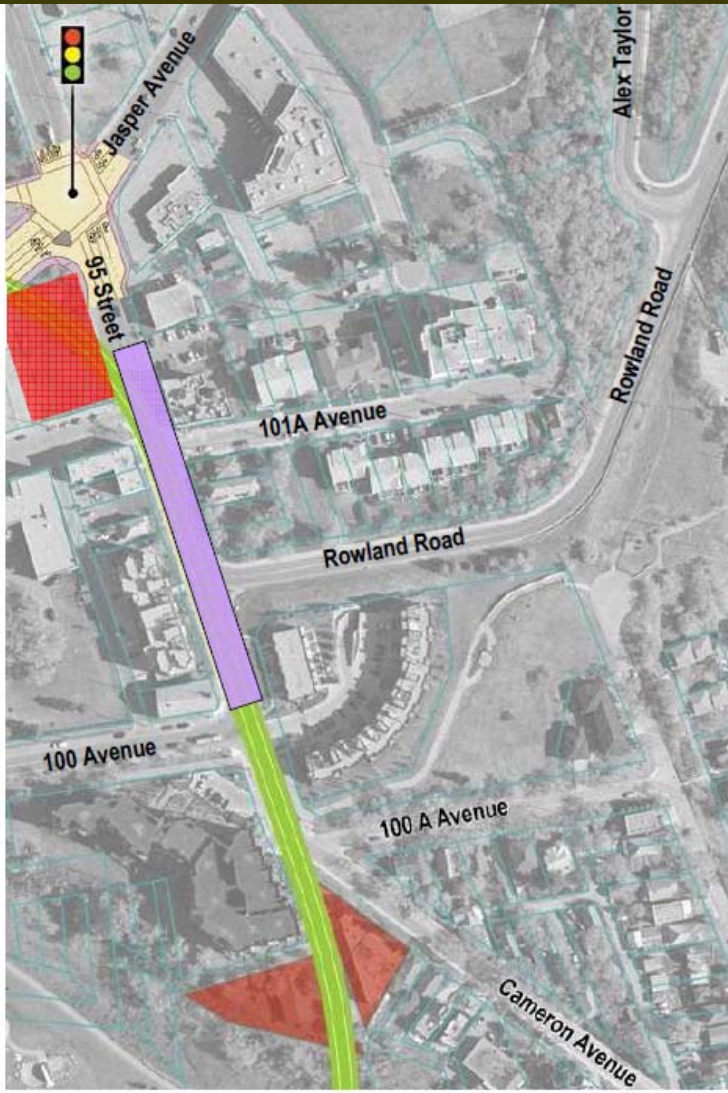
www.edmonton.ca/LRTProjects








# 95 Street Station

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)



-  Property Impacts
-  LRT Tracks
-  Potential Surface Station Locations



# SE LRT Bridge



# 102A/103 Avenue Options/Implications

[www.edmonton.ca/LRTPProjects](http://www.edmonton.ca/LRTPProjects)

## 102A Avenue Option

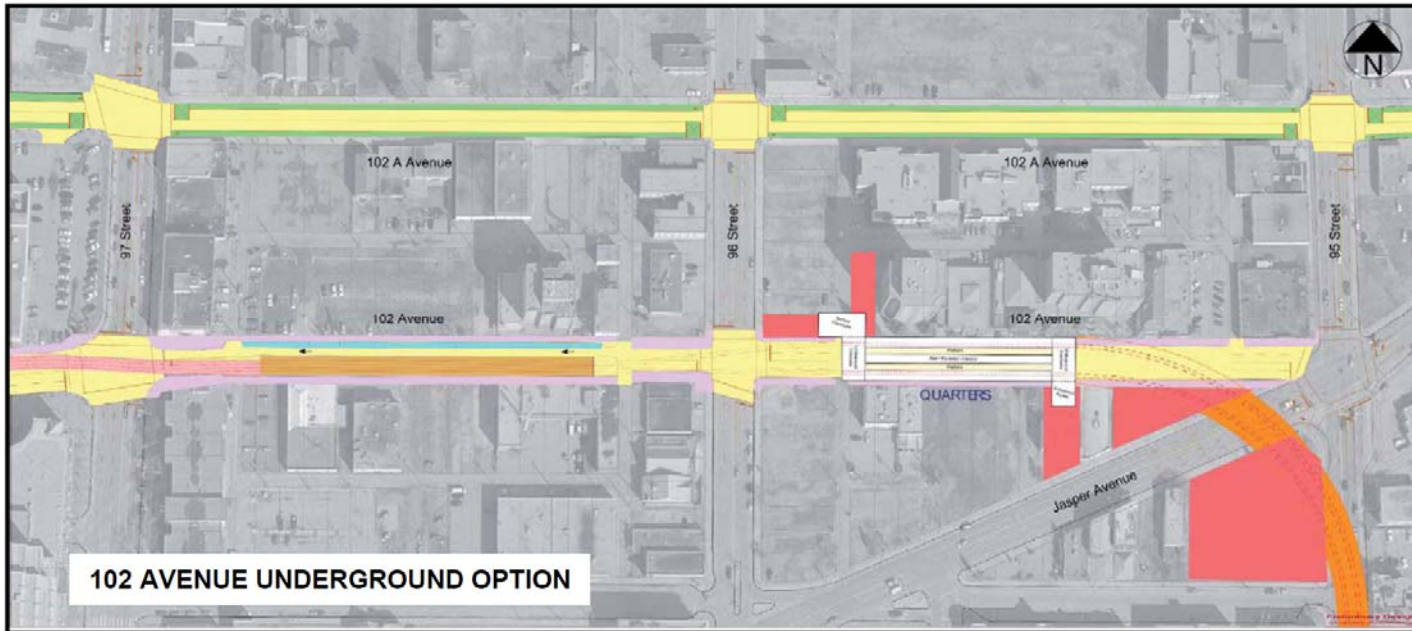


## 103 Avenue Option



# 102 Avenue Underground Option

[www.edmonton.ca/LRTPProjects](http://www.edmonton.ca/LRTPProjects)



- Relocation of Chinatown Gate to east of 96 Street
- Streetscape of 102 Avenue with Community Influence
- Additional costs to accommodate underground station - approx. \$60 M
- Development opportunities



# SE to W LRT – Prelim Eng Schedule & Beyond

[www.edmonton.ca/LRTProjects](http://www.edmonton.ca/LRTProjects)

Task	Start/Completion Date
Public Involvement & Communications	2011 and on...
LRV Plan, Operating Plan & Design Guideline Development	September 2011 – January 2012
Preliminary Engineering <ul style="list-style-type: none"> <li>•Stage 1 (Mill Woods Town Centre to Centre West )</li> <li>•Remainder of System</li> </ul>	January 2012 – February 2013 * April 2012 – September 2013
Land Acquisition	2012 - 2014
Utility Relocations & Pipeline Crossing Protection	<b>Dependent on Funding</b> 2013 – 2014
Procurement of LRVs and a DB contract for Stage 1	<b>Dependent on Funding</b> Q3 of 2013 – Q3 of 2014
Construction of Stage 1	<b>Dependent on Funding</b> 2015 – 2018
Stage 1 – Open to Public	<b>Dependent on Funding</b> Late 2018

\* Completion of Stage 1 preliminary engineering is dependent on approval of the Downtown LRT concept planning. Preliminary engineering will take 1 year to complete after approval of the concept plan due to complexities with the section from Quarters Station to the top of Connors Rd.





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# THANK YOU