

A stylized city skyline in white and light green against a dark green background. The skyline includes several rectangular buildings and a prominent pyramid with a grid pattern on its face.

Downtown LRT Connector Concept Plan

www.edmonton.ca/LRTProjects

Transportation & Infrastructure Committee
November 15, 2011

West LRT Downtown Connection Southeast LRT





Previous Council/Committee Action

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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.



Downtown LRT Connector Concept Plan

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107 Street Station

107 Street Station – On Street Option

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107 Street Station – Diagonal Option

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107 Street Station

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- Preliminary engineering includes the development of both options
- Commitment and financial support from NorQuest College and Grant MacEwan University required for the Diagonal in order to proceed.
- Diagonal Station must be developed consistent with principles in the CCDP.



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Quarters Area

Council Motion

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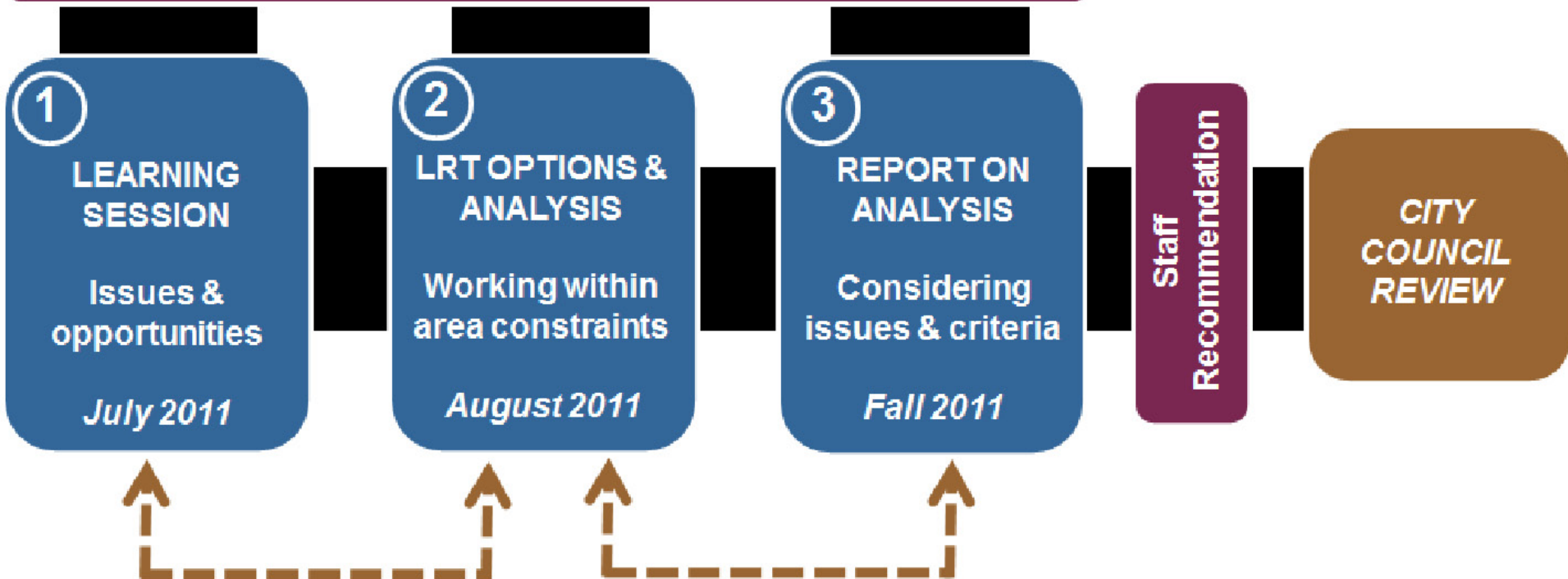


2. Consult with the Chinese Benevolent Society, Boyle Street and other affected stakeholders:
 - a. on 102 Avenue and 102A Avenue between 95 Street and 97 Street
 - b. to develop designs to mitigate the impacts of the LRT portal including possible deletion of the 102 Avenue eastbound travel lane between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

Public Involvement

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DOWNTOWN LRT FOCUSED CONSULTATION





July 24 – Learning Session

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Key Stakeholder Themes:

- Chinatown Gate
- Community/Cultural Identification
- 102 Avenue – high activity centre.
- 102A Avenue – lower activity/more vacant lots
- Underground Option
- Development/Housing
- Parking/Vehicular Access
- Pedestrian Realm & Crosswalks



August 21 – Develop Options

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Participants attending this session were split into five groups, with each group given the opportunity to design four LRT options within the study boundary.

The four options included:

- **102A Avenue Surface**
- **102A Avenue Underground**
- **102 Avenue Surface**
- **102 Avenue Underground**

A stylized white line-art graphic of a city skyline is positioned at the top of the slide, set against a dark olive green background. The skyline includes several rectangular buildings of varying heights and a central structure with a triangular, grid-like roof.

August 21 – Develop Options

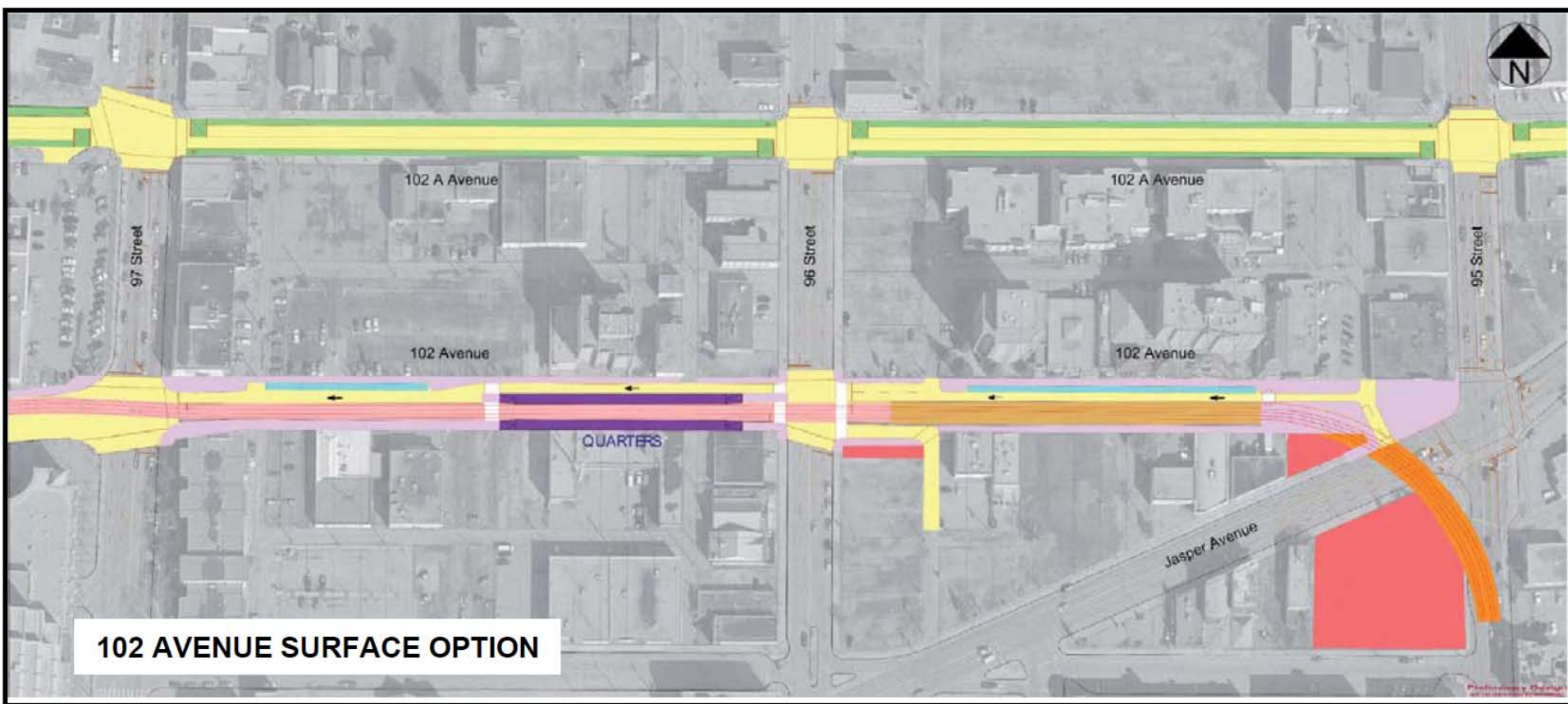
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Key Stakeholder Themes

- Reinforce cultural character of the street/area
- Need LRT stop
- Avoid impacting buildings
- Access and parking
- Chinatown gate
- Provide pedestrian crossings midblock

102 Avenue Surface Option

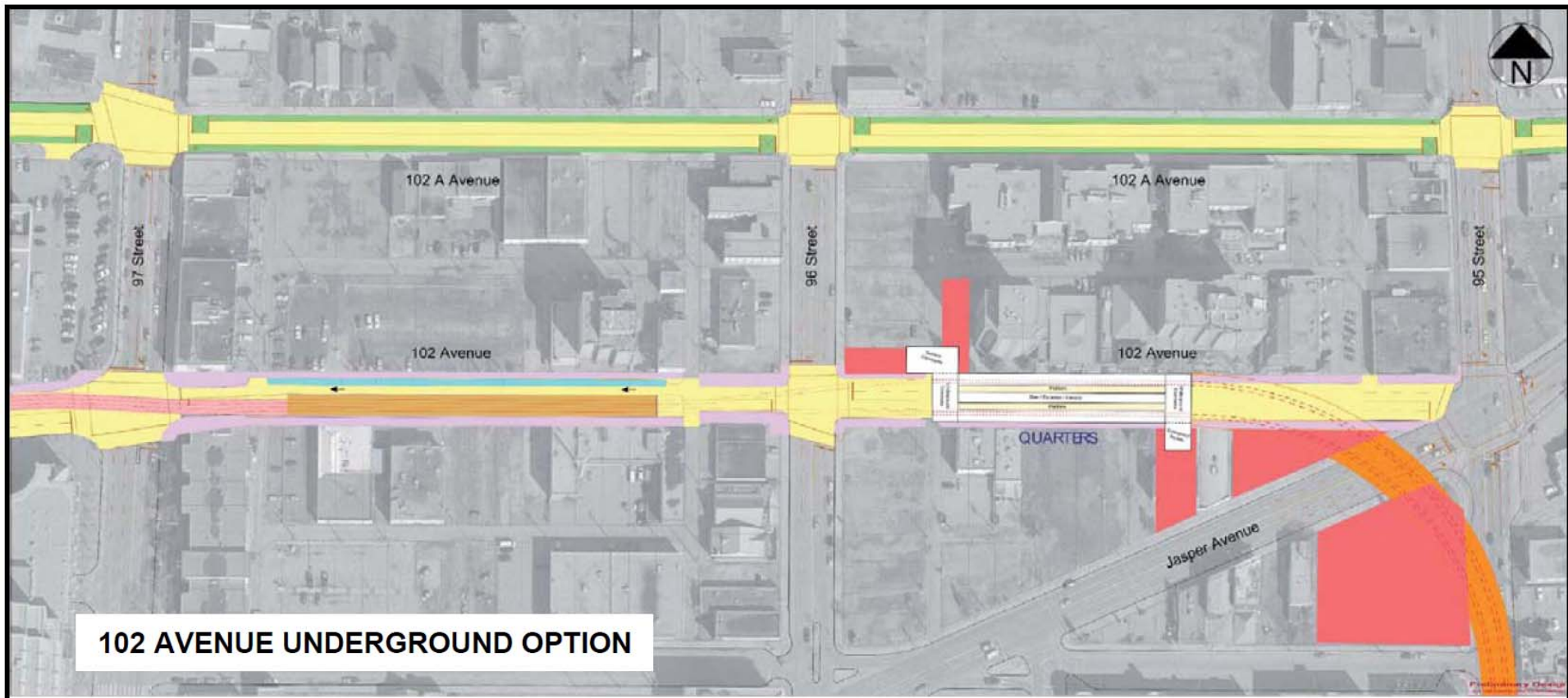
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102 AVENUE SURFACE OPTION

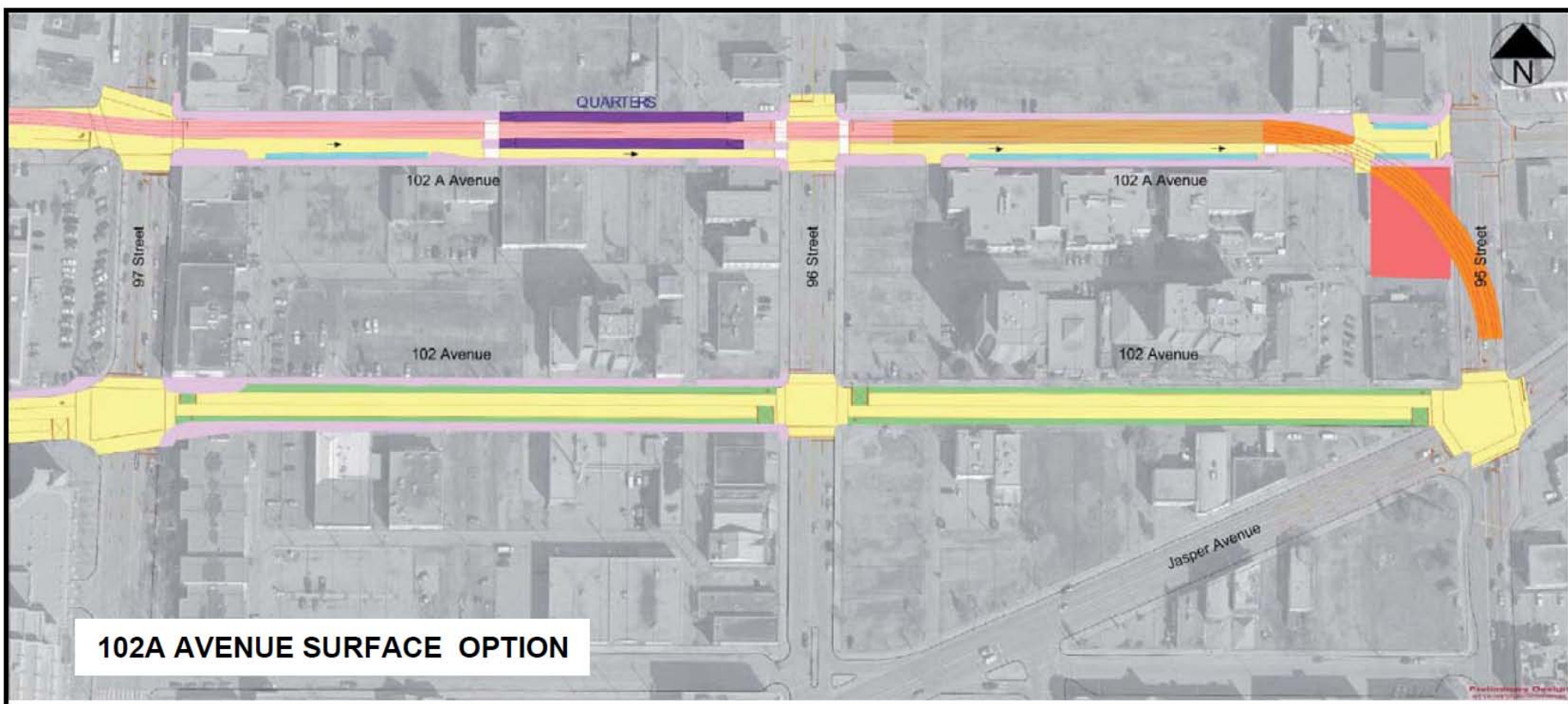
102 Avenue Underground Option

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102A Avenue Surface Option

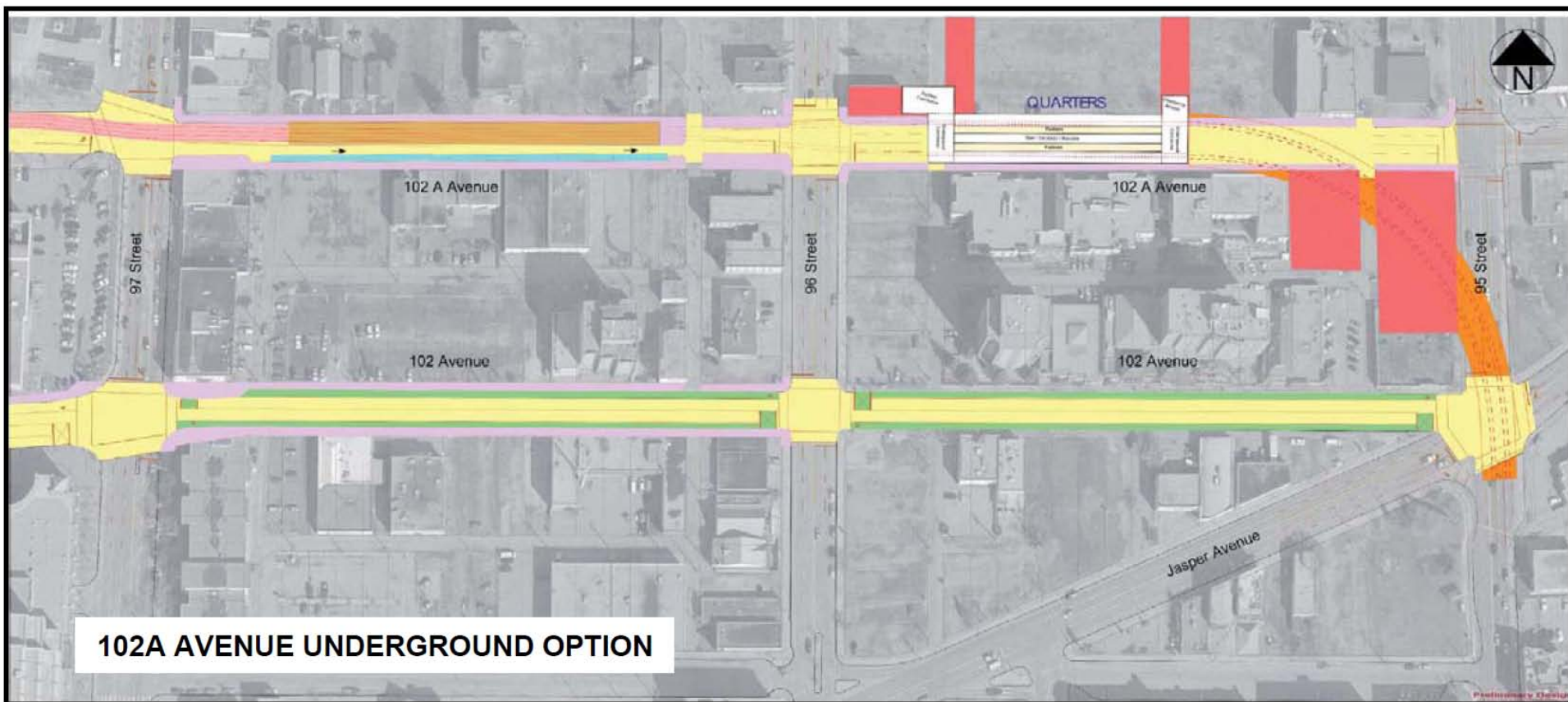
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102A AVENUE SURFACE OPTION

102A Avenue Underground Option

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Overall Evaluation

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	102 Avenue		102A Avenue	
	Surface	Underground	Surface	Underground
Feasibility / Constructability				
Land Use / Promoting Compact Urban Form				
Movement of People / Goods				
Natural Environment	Not applicable to Downtown LRT			
Parks, River Valley, and Ravine System				
Social Environment				
Overall Evaluation				



Oct 5 – Report Back

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Stakeholder Key Themes

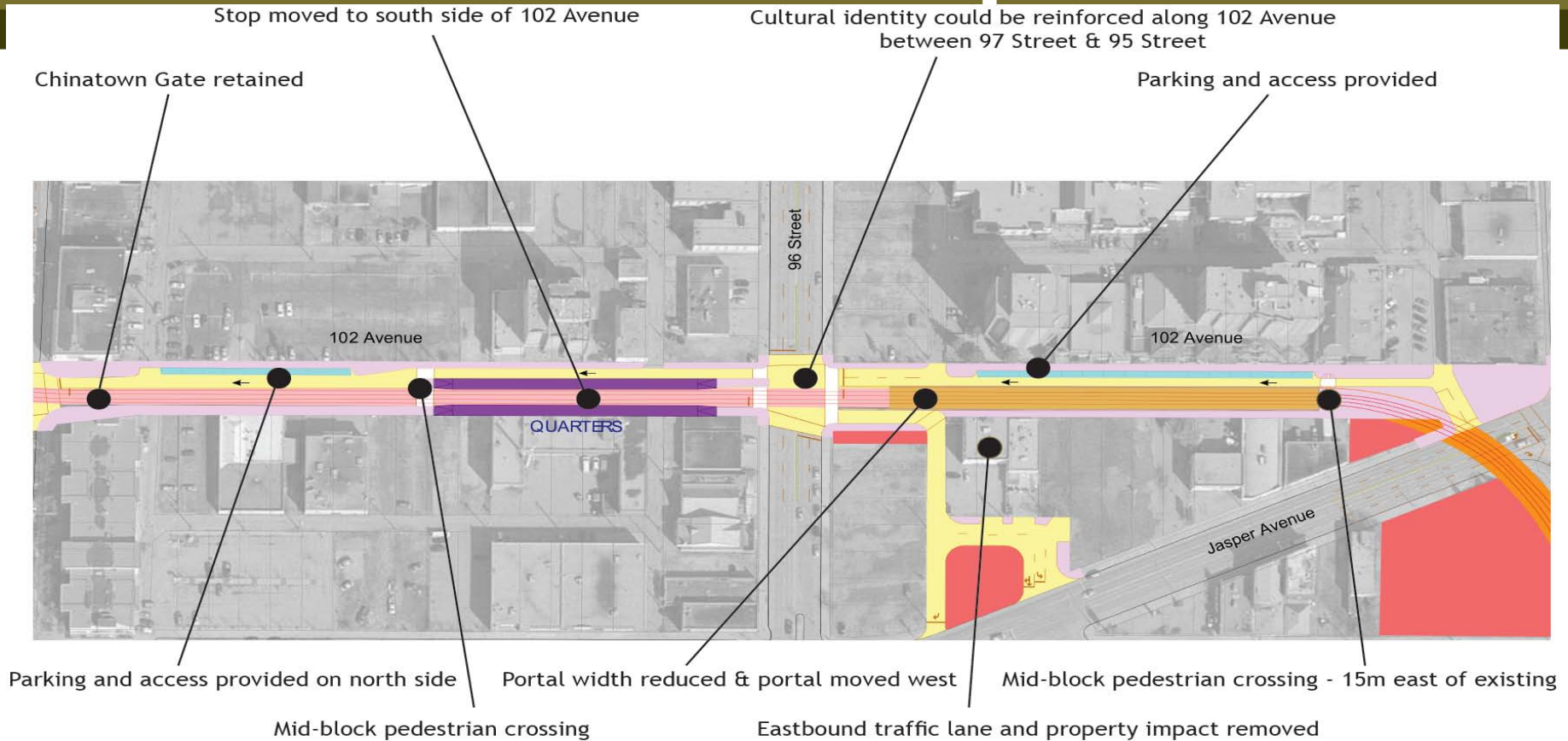
- Preference for 102A Avenue
(more distance from activity centres)
- Portal (barrier for pedestrians)
- Access/circulation (pedestrian and vehicle)
- Development opportunities
- Chinatown Gate

Previous Concept Plan

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Revised Concept Plan



Design Elements

- LRT at street level
- Underground LRT
- LRT stop platform
- Roadworks
- Cyclo facilities
- Sidewalk
- On-street parking
- Tunnel portal
- Property requirement



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THANK YOU