



CENTRAL STATION LRT REHABILITATION & JASPER AVENUE (100 ST TO 102 ST) STREETSCAPING BACKGROUND INFORMATION

Central LRT Station

Central Station under Jasper Avenue was completed in 1977. The roof of the station, which is supporting Jasper Avenue over a length of approximately 200 metres consists of a series of large girders placed side by side under the roadway. These girders are supported on concrete beams and piles on either side of the station concourse.

A leakage control project was undertaken in 1997 and the structure was partially repaired.

Now the damaged road structure has exceeded its design life and needs to be replaced. Failed waterproofing on top of the roof structure will be replaced as well, and damaged structural elements will be repaired.



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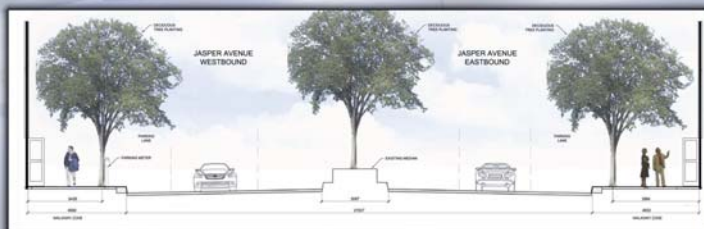
Jasper Avenue New Vision – Streetscape Development

The current streetscape design was implemented in the mid 1980s in an attempt to support better commercial viability along the street in light of commercial growth at the edge of the city. The streetscape has become dated, deteriorated and overly cluttered, detracting from the image of the street as a premier destination. It has reached the end of its lifecycle and is in need of replacement.

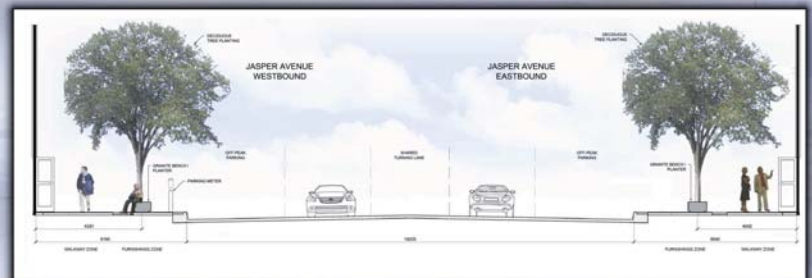
The necessary rehabilitation work to the station has given the City the opportunity to implement the first phase of the New Vision for Jasper Avenue.

The first step in revitalizing the street is to reconfigure the right of way to provide a better balance between roadway and pedestrian space, from the current 75/25% (roadway to pedestrian) to 60/40%. Through this rebalancing, the sidewalks are widened to approximately 6m in width, providing an expanded pedestrian space, complemented with new paving, lighting, wayfinding infrastructure, street furniture and signage. As a result, Jasper Avenue can again evolve into a signature shopping destination, an attractive centre-piece for downtown, and a catalyst for downtown city-building.

— from the New Vision for Jasper Avenue



Existing Street Section



Proposed Street Section



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PROJECT PURPOSE

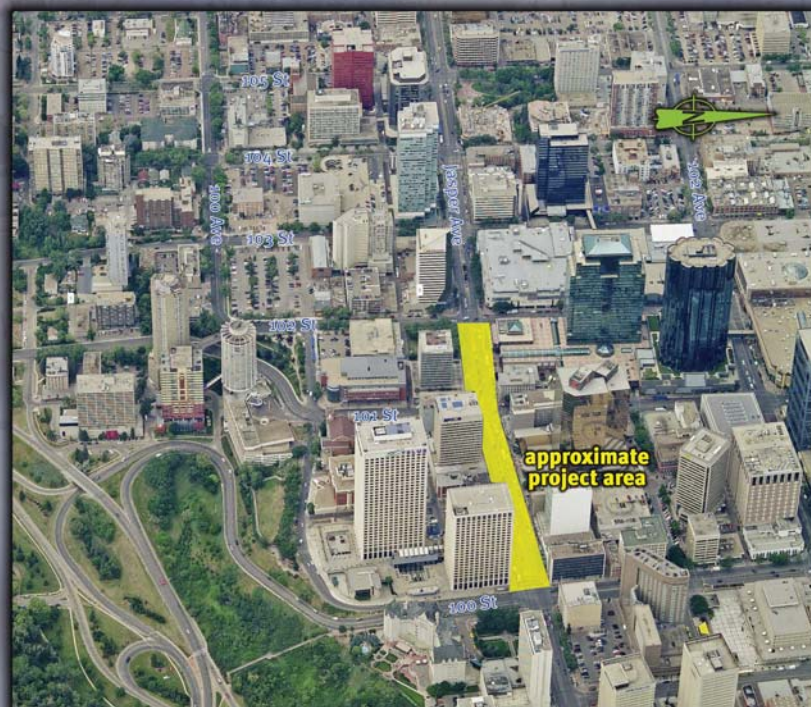
The City of Edmonton retained Associated Engineering to design and oversee rehabilitation of Central Station LRT and Streetscaping of Jasper avenue between 100 Street and 102 Street with construction starting in 2012.

A 2008 assessment of the LRT Station identified work that needs to be completed to ensure continued safe and reliable service.

Following successful rehabilitation, the station structure will provide a similar level of service as experienced today, without requiring additional major work for at least 30 years.

The Jasper Avenue New Vision Initiative has recognized the need to revitalize Jasper Avenue as the City's main street. This in turn led to the Capital City Downtown Plan, which will establish a coherent urban design framework and new streetscape design to guide the revitalization and evolution of the corridor as a more pedestrian oriented alternative and vibrant signature commercial main street. This project is the first phase of the implementation of the new vision between 97 Street and 111 Street.

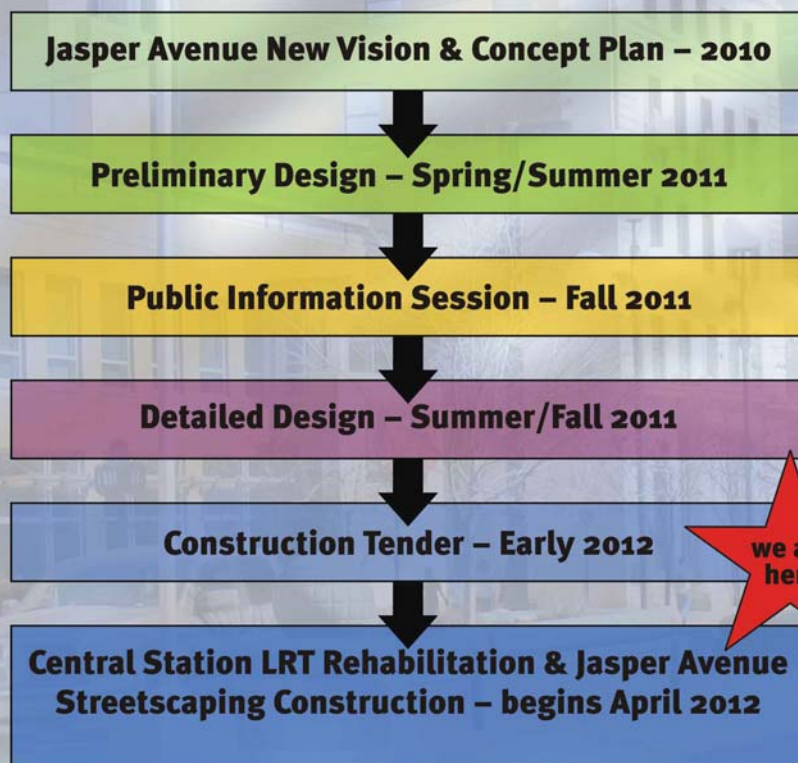
PROJECT AREA





CENTRAL STATION LRT REHABILITATION & JASPER AVENUE (100 ST TO 102 ST) STREETSCAPING

PROJECT PROGRESS



we are here

NEXT STEPS

The construction contract has been tendered and a contractor will be selected in April 2012.

Work will begin in April 2012 on the north side of Jasper Avenue. In 2013, the work will continue on the south side of Jasper Avenue. The project will be complete in the fall of 2013.

PROJECT UPDATES

Updates will be regularly posted on the City website during the design and construction phase.
www.edmonton.ca/transportation/road_projects/central-lrt-station-jasper-avenue-streetscape.aspx