



North LRT to NAIT Update



Kingsway will be completely closed for six months between 102 Street and 106 Street. See graphics on pages 4 & 5.

Kingsway Closed for Six Months

Starting Monday, May 2, Kingsway will be completely closed between 102 Street and 106 Street until October 15, 2011.

A total closure is required to relocate the lanes of Kingsway several metres to the south, to create space for the future Kingsway/Royal Alex LRT Station. No traffic movements in any direction through the four-block stretch will be possible for approximately six months. All traffic, including bus service, will be detoured to 101 Street and 111 Ave. See detailed graphics on Pgs. 4 & 5.

Several organizations are impacted by this temporary total closure, including the Royal Alexandra Hospital. For several months the North LRT team has been coordinating with the Royal Alex to minimize impacts as much as possible and ensure health services are maintained during the Kingsway closure. Ambulances will still have access to emergency services via 102 Street.

Other groups, such as the Polish Hall, the Kingsway Professional Building, the various shops of Kingsway Mews and local residents on Kingsway's south side will have access from 106 Street. The Edmonton Public School Board will have access from Kingsway at 102 Street.

Kingsway has already been partially closed during recent months, reduced to a single lane in both east and west directions to provide EPCOR with access to relocate power utilities. Starting with the total closure in May, road builders will be working side-by-side with utility workers to get in, get the work done, and get out.

The City's strategy is to minimize the impact of the Kingsway closure by completing the required roadworks in a single construction season. If successful, this strategy will allow future work on the North LRT to occur without major traffic impacts on Kingsway.

Project Overview - Where We Are At



Power utilities are being relocated on 104 Street near the Prince of Wales Armouries.

Roadworks

Roadworks related to utility relocations continue on 101 Street, 105 Avenue, 105 Street, 104 Street, Kingsway, 111 Ave, 106 Street and their adjacent roadways (see schedule details on Pg. 3).

Major roadworks are planned for Kingsway (see Pgs. 1, 4 & 5). Upgrades at the 101 St/111 Ave and the 108 St/111 Ave intersections will improve traffic flow during the total closure of Kingsway. Traffic signal timings are being adjusted at several key intersections nearby to manage the flow of diverted traffic.

Roadworks are also required at the Square 104 Apartments at 105 St/104 Ave to provide new parking access from 104 Ave for residents. This work is scheduled for completion by the end of June. Farther east, roadwork related to tunneling is scheduled to begin on 105 Ave at 102 Street this summer.

Relocations

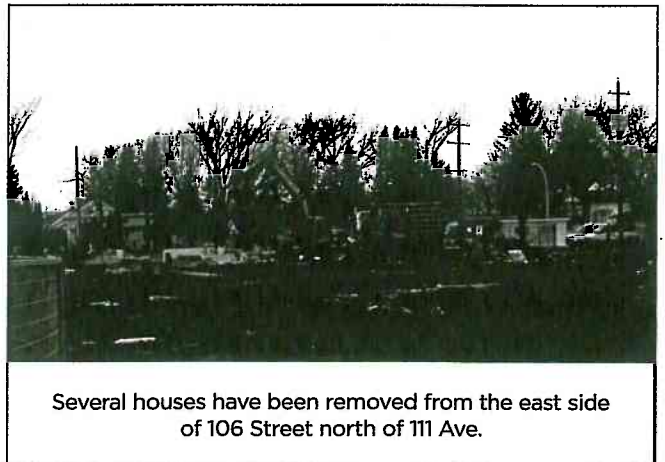
Beginning in April, the City is relocating drainage utilities at 103A Ave/99 Street (across from City Hall) and installing a new drainage tunnel along 103 Street from 105 Ave to 108 Ave. A shaft will be installed at 103 St/108 Ave (across from Victoria School for the Arts) this spring. Excavations for the new sewers will bring closures to these intersections.

Power utility relocations on 105 Ave and 106 Ave are scheduled for completion in May. Outstanding power utility relocations on 104 Street, Kingsway and 106 Street are scheduled to be complete by the end of August 2011.

Removals

While the North LRT project will add far more trees and foliage to the neighbourhoods of Central McDougall and Spruce Avenue than it removes, several trees needed to be removed from the LRT right-of-way. All trees scheduled for removal have been removed; spot removals are still possible as construction progresses. Several trees will be relocated this spring.

Building removals for the North LRT are expected to be complete by end of June 2011. During winter months several houses were removed from 106 Street. Removal of the former Legion building at 104 St/Kingsway Ave began in April, to be followed by two low-rise apartment complexes at 105 St/108 Ave. The MacDonald's restaurant at 106 St/111 Ave is relocating several metres to the east, and the former Arby's restaurant at 106 St/Princess Elizabeth Ave is scheduled for removal in May.



Several houses have been removed from the east side of 106 Street north of 111 Ave.

Four Month Construction Schedule - Spring 2011

Please see the following **approximate** four-month schedule of construction preparations and their affected roadways, listed southeast to northwest.

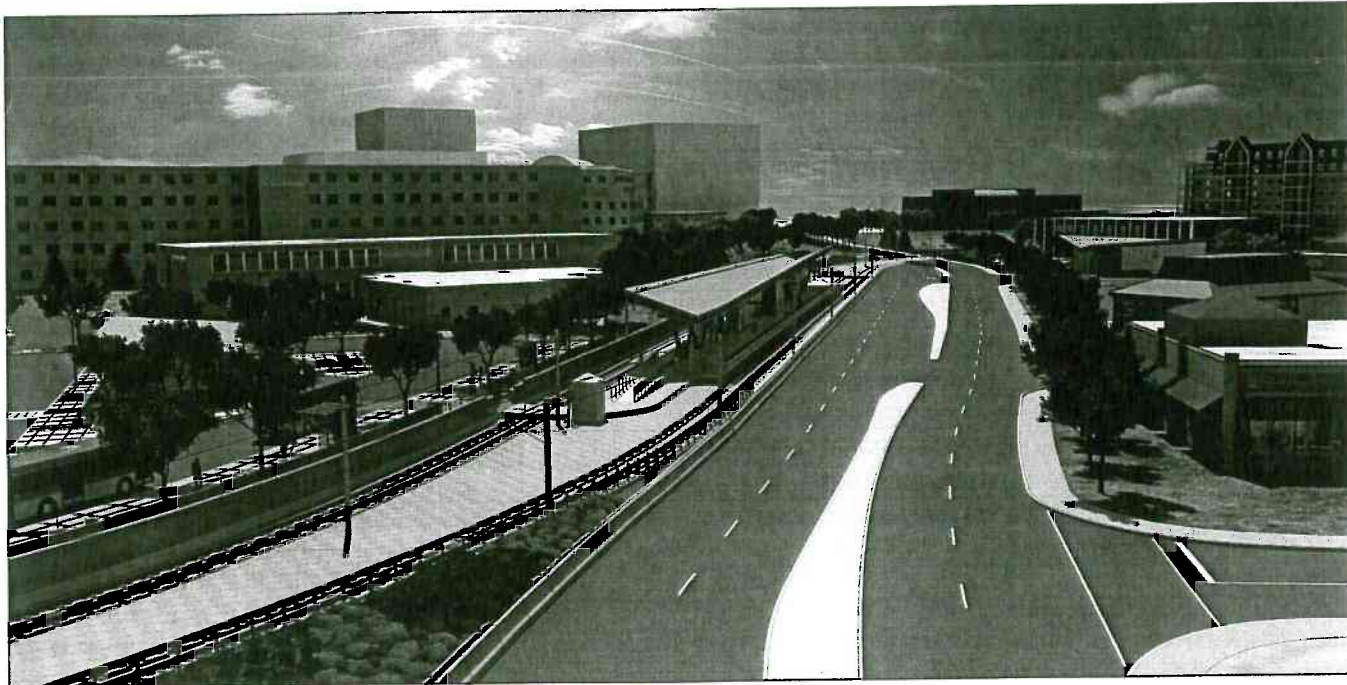
Spring 2011 Approximate Construction Schedule			
Road/Intersection	Impact/Closure	Work	Approximate Dates
103A Ave 99 St to 100 St	Temporary partial closure. East/West traffic reduced to one lane each	Sewer relocation	Start: Apr/11 End: July/11
104 Street 102 Ave to 103 Ave	Temporary closure of southbound lane Northbound traffic only	Power utility relocation	Start: Jan/11 End: Aug/11
104 Avenue 104 St to 105 St	Periodic closure of right westbound lane	Roadworks for Square 104 access	Start: May/11 End: June/11
104 Street 103 Ave to 104 Ave	Temporary total closure of north portion Closed to thru traffic	Power utility relocation	Start: Jan/11 End: Aug/11
101 Street 104 Ave to 106 Ave	Alternating partial closures North/South traffic split	Power utility relocation	Start: Late Apr/11 End: May/11
105 Avenue 101 St to 105 St	Temporary partial/total closures	Power utility relocation Tunneling preparation	Ongoing
105 Avenue 103 St to 105 St	Permanent total closure	MacEwan LRT Station	Start: July/11 End: Permanent
103 Street 105 Ave to 106 Ave	Temporary partial closures North/South traffic split	Drainage tunnel construction	Start: Oct/10 End: Oct/11
104 Street 105 Ave to 106 Ave	Temporary total closure Closed to thru traffic	Power utility relocation Phone utility relocation	Start: Sept/10 End: July/11
106 Ave 104 St to 105 St	Temporary total closure Closed to thru traffic	Power utility relocation	Start: Jan/11 End: May/11
103 Street 107 Ave to 108 Ave	Temporary total closure, north section	Drainage tunnel construction	Start: Apr/11 End: Sept/11
105 Street 108 Ave Intersection	Possible periodic temporary partial closures	Remove buildings	Start: Apr/11 End: June/11
104 Street 108 Ave to Kingsway	Temporary partial closure North/South traffic split	Power utility relocation Remove building	Start: Mar/11 End: Aug/11
105 Street 110 Ave to Kingsway	Temporary total closure	Relocate Kingsway traffic lanes	Start: May/11 End: Oct/11
Kingsway 102 St to 106 St	Temporary total closure Closed to thru traffic	Relocate Kingsway traffic lanes	Start: May/11 End: Nov/11
106 Street 111 Ave to 112 Ave	Periodic temporary partial closure North/South traffic split	Remove buildings	Start: Mar/11 End: May/11
106 Street SW corner, Princess Eliz. Ave	Possible temporary partial closure	Remove building	Start: May/11 End: June/11



Kingsway Before & After

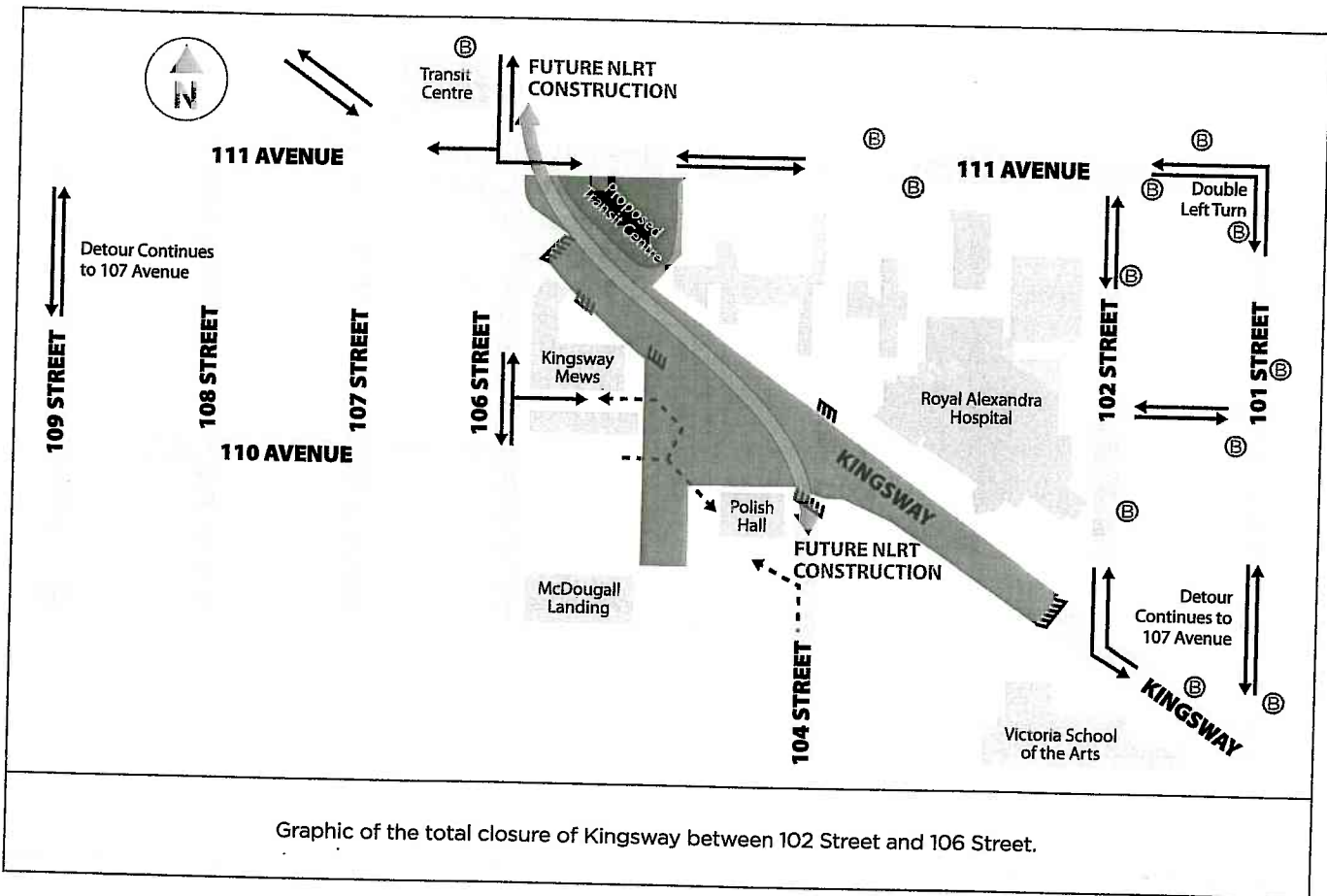


Kingsway today. Power utility relocations on Kingsway are just the beginning of major changes to the roadway.



Kingsway in 2014. Artist's rendition of Kingsway/Royal Alex LRT Station and Transit Centre in operation.

Kingsway Road Closure



LEGEND:

- Closure Area
- Proposed Kingsway Transit Centre
- Access Closure
- Active Bus Stop
- Traffic Detour
- Traffic Detour Staged

FEATURE NOTES:

- Kingsway Mews access from 106 St. will be maintained
- Polish Hall access provided. 104 St. to be maintained until new 105 St. access provided. 104 St. access will then be closed permanently.
- Royal Alexandra Hospital access from 102 St. and 111 Ave.
- Pedestrian access along Kingsway to be maintained. Wayfinding signage will be posted along route.

- » Total closure in effect from May 2-October 15, 2011.
- » No traffic movements in any direction.
- » Detour on 101 Street and 111 Ave.
- » Emergency access to Royal Alex Hospital from 102 Street.
- » Access to Edmonton Public School Board from Kingsway.
- » Access to Polish Hall, Kingsway Mews, Kingsway Professional Building from 106 Street and 110 Avenue.
- » Pedestrian access will be provided along designated marked corridors.
- » Pedestrian crossings of Kingsway at 102 Street, 106 Street and/or 111 Ave.

Project Finance Secured



North LRT financing is secured. Funding comes entirely from the public sector, divided between three levels of government: federal, provincial and municipal.

Total estimated cost of the North LRT is \$755 million, including required land purchases and 20 new light rail vehicles (LRVs). The Government of Canada recently approved \$100 million from the Building Canada Fund for the North LRT. Even more recently, the Government of Alberta announced \$497 from the Green Transit Incentives Program (Green TRIP). The City of Edmonton will cover the remaining costs - approximately \$158 million.

All of which means Canadian, Albertan, and Edmontonian taxpayers are paying for the North LRT.

Construction Management Team Hired

The City of Edmonton is pleased to announce the North Link Partnership as construction manager for the North LRT. The North Link Partnership is comprised of the SNC-Lavalin Group Inc. and Graham Infrastructure Ltd.

The SNC-Lavalin Group is a world leader in engineering and construction. Most recently Montreal-based SNC constructed the Canada Line LRT in Vancouver, which now moves over 100,000 people per day and served the 2010 Olympics well. SNC and Graham are also building Calgary's West LRT project.

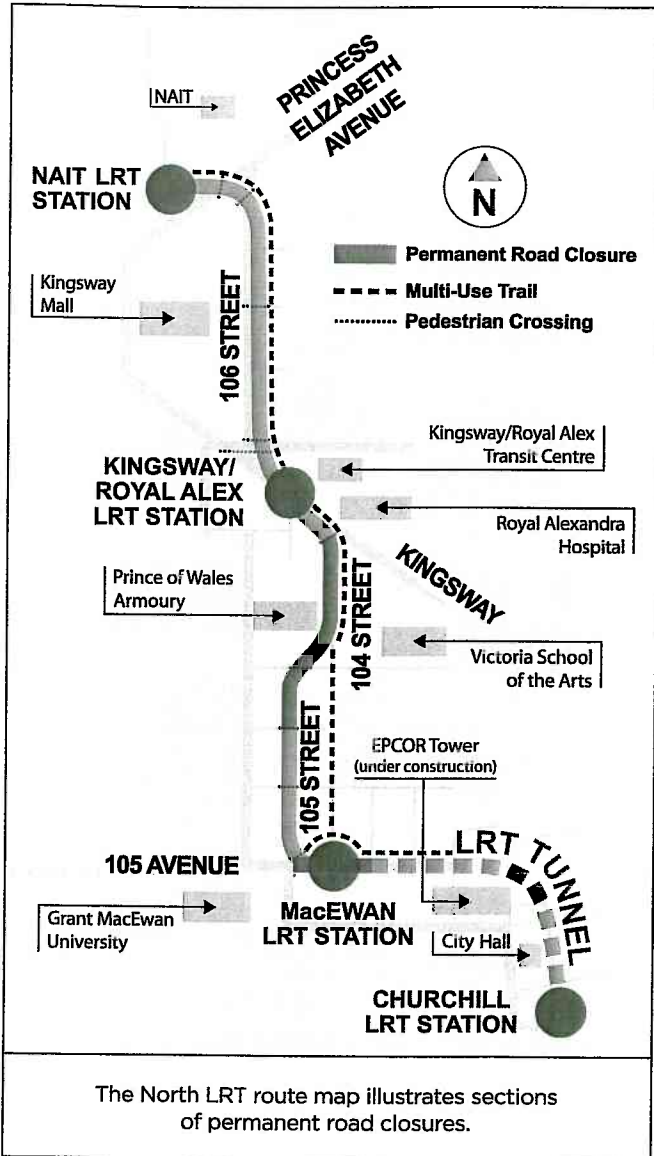
"We're very excited to be applying our combined expertise to Edmonton's North LRT project," said Robert Newland, Project Manager for the North Link Partnership. "The City of Edmonton and its design team have created an innovative model and we're looking forward to construction commencement."

Calgary-based Graham first started building train stations for Canadian Pacific Railway in 1926, and has expanded its construction scope to become Canada's 5th largest general contractor.

"It's a pleasure to be involved with the stellar group of engineers the North LRT has brought to the field," said Brad Baumle, Project Controls Manager with the North Link Partnership. "Our team is ready to hit the ground running in May."

The construction management team is working on an aggressive schedule to meet the construction deadline of December 2013.

Permanent Changes



Road Closures

Several permanent changes are taking place on Edmonton roadways related to North LRT. In some cases LRT on 105 Street, Kingsway Ave, 106 Street and Princess Elizabeth Ave will blend with vehicle and pedestrian traffic, but several sections of road will be permanently closed to motor vehicle traffic.

Roadway	Section Closed	Date of Permanent Closure
105 Avenue	103 Street-105 Street	July 2011
105 Street	107 Ave-108 Ave	May 2012
108 Ave	104 Street-106 Street	May 2012
104 Street	108 Ave-Kingsway (north portion)	May 2011
106 Street/112 Ave Intersection	No thru access between 112 Ave/106 Street	TBD

Parking

On-street parking will be removed from several locations. Parking has been permanently removed from 105 Ave between 101 Street and 105 Street, and indefinitely removed from the following roadways:

- » 103 Street between 105 Ave & 106 Ave
- » 104 Street between 105 Ave & 106 Ave
- » 106 Ave between 104 Street & 105 Street
- » Kingsway between 102 Street & 106 Street

Once the North LRT is complete the City will re-evaluate on-street parking needs around the North LRT.

Landscaping & Tree Removals

Landscaping in the North LRT area will bring far more trees and foliage to Edmonton streets. All planned tree removals for North LRT are complete, with the exception of potential spot tree removals and other trees that will be relocated this spring.

Bus Service

The temporary closure of Kingsway required Edmonton Transit Service (ETS) to re-route several buses:

- » #9 from Kingsway to 101 St/111 Ave.
- » #12 from Kingsway to 101 St/111 Ave.
- » # 309 from Kingsway to 101 St/102 St/111 Ave.

In 2014 buses will be re-routed to operate to the new Kingsway/Royal Alex Transit Centre.

Approximate North LRT Construction Timeline

Month	May	June	July	August
Construction Activity	<ul style="list-style-type: none"> » Kingsway roadwork begins. » Building removals continue. » Utility relocations continue. 	<ul style="list-style-type: none"> » Building removals complete. » Square 104 access from 104 Ave complete. » MacEwan Station site prep. 	<ul style="list-style-type: none"> » 105 Ave tunneling begins. » 103A Ave drainage tunneling complete. » Kingsway utilities complete. 	<ul style="list-style-type: none"> » 105 Ave utilities complete. » 106 Ave utilities complete. » 104 Street utilities complete.

Approximate four-month schedule for North LRT construction activities. Dates may change due to weather or scheduling conflicts.

Frequently Asked Questions

What construction impacts will local businesses encounter?

While impacts will be considerable, the North LRT team has a mandate to maintain access to all businesses, residences and organizations during construction, for vehicles, pedestrians and emergency services. At times vehicle access will be modified but alternate access will be maintained. In some locations some noise, vibration and dust are also expected from North LRT construction.

Why do timelines for construction activities fluctuate?

Despite the best efforts of experienced engineers and technicians from many disciplines and backgrounds, construction schedules are never 100 percent accurate. Unforeseen events, such as major snowfalls or logistical complications, occasionally require schedules to be modified. However, the North LRT team has a proven track record of solving unforeseen problems and returning construction activities to schedule. Any North LRT schedule delays affecting Edmonton streets are reported through the LRT Projects Message Centre. See below.

Find out more about LRT Projects

This newsletter is available online. In addition to quarterly newsletters, LRT Projects posts monthly updates and construction bulletins online and sends digital copies to email distribution lists. If you wish to be added to the distribution lists please send an email to lrtprojects@edmonton.ca with 'North LRT to NAIT' in the subject line.

We welcome your comments and questions about Edmonton's LRT Projects, their newsletters and their web-pages.

Please check the LRT Projects web-pages for updates. For further information or to comment, please contact:

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LRT Projects Website:
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