



# Construction Update

SouthLRT

April 22, 2008

## 2008 Construction Season

*With this week's snow storm, construction continues where possible, but there could be delays of up to two weeks in some areas, as snow will have to melt and the ground dry out before work can resume in earnest. However, construction season for 2008 is still expected to be in full swing by early May.*

*Construction from Health Sciences to South Campus continues, with trackwork, station completion, Belgravia Bridge and landscaping the main activities until construction is completed this year.*

*The focus from South Campus to Century Park will be roadworks construction to shift lanes up to 15 metres to the east or west, to allow room for the LRT to run down the middle of 111 Street. Station work will also continue, as will work on the underpass to allow the LRT to come up into the middle of 111 Street. There will be full time and off-peak lane closures throughout this construction season. Expect delays if using 111 Street. It is recommended that motorists plan their route to find an alternate. If you travel along 111 Street, please allow extra time and take extra care when travelling in construction zones.*

*The City of Edmonton will continue to do its part to minimize the impacts to residents, businesses, and motorists along the South LRT Construction route. We thank you for your patience. When construction is ultimately completed to Century Park in 2009, we can all look forward to enhanced LRT service and transit connections in an attractive transportation corridor.*

For more information about road closures and detours, visit the Transportation section of [www.edmonton.ca](http://www.edmonton.ca) website.

### 114 Street from 83 Avenue to University Avenue

- **NEW!!** Track installation has begun North of University Avenue to 83 Avenue.
- Temporary access to the south end of Health Sciences Station has been opened at Health Sciences station while Capital Health constructs access to a connecting tunnel between the hospital and the future site of the Edmonton Clinic.

### 114 Street from University Avenue to 74 Avenue

- **NEW!!** Ballast curb (concrete work) for the tracks is complete.
- Track drainage work began south of 83 Avenue, along the Allan Block wall, in preparation for trackwork.
- The temporary pedestrian bridge on the southwest corner of University Avenue at 114 Street will stay in place until final roadwork is complete.
- Allan Block wall on the west side of 114 Street will be finished when trackwork is complete.
- Very infrequent single lane closures on 114 Street during off-peak hours will continue.

## McKernan / Belgravia LRT Station

- **NEW!!** Subgrade work for the trackway has begun.

## Belgravia Road LRT Underpass

- **NEW!!** Final finishes to tunnel, cleanup and landscaping to begin early May.
- Trackwork installation continues; testing of the electrical installations is complete.

## Belgravia Bridge and Road Modifications

- **NEW!!** The first concrete pour for the bridge's decking is done. Additional pours will continue throughout the summer.
- **NEW!!** Drainage work for the bridge will begin on Fox Drive.
- Work on the south and north sides of Belgravia Road continues. Traffic disruptions, including lane closures, should be anticipated in this area. Deck scaffolding (for construction of the ramp) continues. Some cable and light pole relocations continue.

## South Campus Station and Area (Foote Field / Saville Centre)

- **NEW!!** Weather will likely cause the completion of roadworks at 60 Avenue to delay the planned detour to as late as May 5. The exact date was not known at press time. When the detour does come into effect, traffic from 60 Avenue and Saville Centre will detour to 57 Avenue for approximately 6 weeks.
- **NEW!!** Installation of gutters on the transit centre and LRT station has begun.
- Track installation continues north to Belgravia Road LRT Underpass.
- Glass installation at the LRT station and transit centre continues. Work at the traction power substation continues.

## 111 Street Underpass

- **NEW!!** Installation of the granular base for preparation of the concrete slab in the underpass will begin. Expect single lane closures southbound for deliveries and concrete pouring during off-peak hours until work is completed.
- Excavation and duct and storm drainage work continues.
- Detour road south of 61 Avenue (111 Street northbound) will be in place until the LRT underpass to the 111 Street median is completed this summer.

## 111 Street from 61 Avenue to Whitemud Drive

Clean up from winter work will begin again (due to snow storm) along 111 Street. Work continues in the median of 111 Street to construct the communications duct bank. Expect intermittent delays and lane closures.

### *61 Avenue to 57 Avenue*

- **NEW!!** Excavation for roadwork and drainage in the northbound lane of 111 Street has begun.

### *54 Avenue to Whitemud Drive*

- **NEW!!** Drainage work on west side of 111 Street will begin.
- Work continues on the concrete track slab in the LRT median north of Whitemud Drive.
- Temporary sidewalks have been installed and maps are in place for pedestrian detours.

## Southgate LRT Station

Northbound bus lane closure is in place. Motorists are advised to use caution in this area. Expect intermittent single lane closures both northbound and southbound during off-peak hours throughout construction.

### *West entrance*

- **NEW!!** Work on the floor slab and stairs will begin.
- Work to relocate overhead power lines to underground near west entrance continues. There will be limited access to the back lane during this work. Installation of underground utilities continues. Work on retaining wall continues.

### *LRT Station*

- **NEW!!** Grading of the crawlspace has begun. East pier formwork is underway.
- Construction of platform walls, elevator shaft formwork, and underground mechanical work is ongoing.

### *Transit Centre*

- **NEW!!** Site trailers have been relocated in order to remove existing concrete pavement in area.
- Construction of 2nd floor continues.

### *Traction Power Substation*

- **NEW!!** Steel structure has arrived and will be installed over the next 2 weeks.
- Masonry brickwork is ongoing.

## Whitemud LRT Bridge

- Construction of the north trackway continues. The north sidewalk has been closed. Pedestrians can cross 111 Street using the south sidewalk and existing bridge sidewalks. The westbound access road has been reduced to two lanes.
- Construction of the bridge diaphragms (preparation for bridge deck work) is ongoing until late June. This work will involve several traffic pattern changes on Whitemud Drive, including intermittent off-peak lane closures, night closures and reduced speed limits.
- Construction of the pier diaphragms in preparation for the bridge deck work will begin in May.
- Road construction for the east and westbound access road will continue in May.

## 111 Street from Whitemud Drive to 23 Avenue

Clean up from winter work will begin again (due to snowstorm) along 111 Street.

### *43 to 40 Avenues*

- **NEW!!** Backfilling storm sewer on the east side of 111 Street is complete.

### *40 to 37 Avenues*

- Backfilling storm sewer on the east side of 111 Street continues. Temporary sidewalks on the west side of 111 Street are complete and signage is in place.

### *37 to 34 Avenues*

- Retaining wall installation on the east side of 111 streets continues.

### *34 Avenue to Saddleback Road*

- **NEW!!** Waterline on west side of Saddleback Road is complete. Work will continue on the south side of Saddleback Road. Drainage work on east side of 111 Street at Saddleback Road will begin.
- **NEW!!** Waterline installation across 111 Street from the west side of Century Park will occur from May 2 to 4. Expect lane closures and delays during off-peak hours on Friday and over the weekend.

- Excavation to tie in storm sewer to drop structure on the west side of 111 Street at Saddleback Road continues. Installing line to feed catch basin for drainage of the LRT line along 111 Street north of Saddleback Road continues.

## *Saddleback Road to 23 Avenue*

- Excavation for retaining wall on the west side of 111 Street. Installation of sanitary sewer on the east side of 111 Street continues. The multi-use trail on the west side of 111 Street remains closed for construction.

## Century Park LRT Station

### *Transit Centre*

- Construction of a pier to support the pedestrian walkway on the east side of 111 Street continues. Work continues on the transit centre elevator shaft. Electrical rough-in work continues.

### *LRT Station (median of 111 Street)*

- **NEW!!** Construction of the north and south ramps has begun.
- **NEW!!** Underground mechanical/electrical installation across 111 Street is complete.
- Excavation and backfilling the crawlspace continues. Foundation and utilities conduit work continues.

### *Century Park Traction Power Substation*

- Concrete block wall masonry work has begun.

## Power/cable/street and traffic light relocations

- **NEW!!** Relocation of overhead power lines to underground from 61 Avenue to 51 Avenue on the east side of 111 Street has begun.
- In some locations, street lights and traffic controls need to be removed or relocated from the sides of 111 Street to allow 111 Street lane shifting. Crews will place temporary street lights in the median along the 111 Street corridor.

## D.L. MacDonald Maintenance Facility Expansion

### *Building A:*

- Erection of steel structure (trusses, columns, joists, roof) is complete. Floor work continues. Concrete block wall is complete.

### *Right-of-Way Building*

- Foundation and grade beam (to support the building's exterior walls) work is complete. Erection of the steel structure (trusses, columns, joists and roof) is ongoing. Installation of and 2nd floor deck has begun.

For more information please contact:

Kathy Mercure  
Communications Officer  
Transit Projects, Transportation  
City of Edmonton  
(780) 496-4874  
[slrt@edmonton.ca](mailto:slrt@edmonton.ca)

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