



# Construction Update

SouthLRT

May 6, 2008

## \*\*\* Road and track work from 83 to 76 Avenue \*\*\*

### 114 Street from 83 Avenue to University Avenue

- Track installation continues from 83 Avenue to north of University Avenue.

#### **NEW!!** University Avenue Closing from May 16 at 1900 hrs to May 20 at 0600 hrs

- Over the long weekend, crews will work around the clock to install tracks across University Avenue at 114 Street. A special noise permit has been granted for this work.
- Vehicles will continue to have access to 114 Street during this work.
- Work includes:
  - > removing existing asphalt to road base
  - > build up with ties, ballast, crossing pads
  - > complete re-paving
- The temporary pedestrian bridge on the southwest corner of University at 114 Street has been permanently removed.
- Pedestrian maps will be in place prior to this closure.

#### **NEW!!** 83 Avenue Closing June 2 to 5

- Crews will be installing tracks across 83 Avenue on the west side of 114 Street
- Vehicles will continue to have access to 114 Street during this work.
- Work includes:
  - > removing existing asphalt to road base
  - > build up with ties, ballast, crossing pads
  - > complete re-paving
- Pedestrian maps will be in place prior to this closure.

### 114 Street from University Avenue to 74 Avenue

- **NEW!!** Allan Block wall on the west side of 114 Street at 78 Avenue is complete.
- Ballast curb (concrete work) for the tracks is complete.
- Track drainage work continues south of 83 Avenue, along the Allan Block wall, in preparation for trackwork.
- Very infrequent single lane closures on 114 Street during off-peak hours will continue.

## McKernan / Belgravia LRT Station and Pedestrian Underpass

- Subgrade work for the trackway continues.

## Belgravia Road LRT Underpass

- **NEW!!** Installation of concrete pre-cast caps to the retaining walls will begin. Some traffic disruption to the Alberta Infrastructure parking lot will occur.
- Final finishes to tunnel, cleanup and landscaping have begun.
- Trackwork installation continues.

## Belgravia Bridge and Road Modifications

- **NEW!!** Trellis beam installation across Belgravia Road is anticipated to begin May 20. Expect evening/night traffic delays and lane closures.
- **NEW!!** Sheet piles (temporary retaining wall) are being installed to support the bank as bridge deck construction continues near Fox Drive.
- **NEW!!** Bicycle and pedestrian access into University Farms will begin after end of street races finish at the end of May. More details to follow.
- 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.
- Bridge deck pours will continue throughout the summer.

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

- **NEW!!** Traffic from 60 Avenue and Saville Centre has been detour to 57 Avenue for approximately 6 weeks. Road construction has begun at 60 Avenue, including track drainage, and duct banks.
- **NEW!!** Rail crossing installation at South Campus Station has begun.
- **NEW!!** Track installation will continue north to Belgravia Road LRT Underpass May 20, after crews complete the track installation at University Avenue.
- Glass installation at the LRT station and transit centre continues. Work at the traction power substation continues. Installation of gutters on the transit centre and LRT station continues.

## 111 Street Underpass

- **NEW!!** Installation of the granular base for preparation of the concrete slab in the underpass continues. Rebar installation has begun and concrete slab pour will begin. Expect single lane closures southbound for deliveries and concrete pouring during off-peak hours until work is completed this summer.
- Excavation, electrical duct installation 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

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*

- Excavation for roadwork and drainage in the northbound lane of 111 Street continues.

### *54 Avenue to Whitemud Drive*

- **NEW!!** Roadwork in the southbound lanes between 51 Avenue and Whitemud Drive will begin.
- **NEW!!** Access to School for the Deaf will be reduced to one lane for road construction.
- **NEW!!** Bus lane and curb construction on 111 Street southbound lane north of Whitemud Drive will begin.
- Drainage work on west side of 111 Street continues.
- Work continues on the concrete track slab in the LRT median north of Whitemud Drive.

## 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!!** Construction of retaining wall complete. Placement and compacting gravel base in the crawlspace has begun. Concrete slabs will be poured.
- Work to relocate overhead power lines to underground near west entrance nears completion. There will be limited access to the back lane during this work. Installation of underground utilities continues. Work on the floor slab is complete

### *LRT Station*

- Placing and compacting gravel base in the crawlspace has begun. Concrete slabs will be poured.
- East pier formwork is continues.
- Construction of platform walls, elevator shaft formwork, and underground mechanical work is ongoing.

### *Transit Centre*

- **NEW!!** Steel structures will be installed at the end of May.
- **NEW!!** Existing concrete pavement has been removed.
- Construction of 2nd floor continues.

### *Traction Power Substation*

- Steel structure installation continues.
- 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 continues.
- Road construction for the east and westbound access road continues.

## 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.
- Sub-grade excavation on the east side of 111 Street is ongoing. Ballast wall installation in centre median continues.

### *40 to 37 Avenues*

- **NEW!!** LRT track drainage crossings to begin.
- 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*

- **NEW!!** Storm sewer installation on the east side of 111 Street will begin.
- Retaining wall installation on the east side of 111 streets continues.

### *34 Avenue to Saddleback Road*

- **NEW!!** Roadworks on southbound lane to remove curb and prepare sub-grade for new curb will result in closure of one lane northbound and one lane southbound.
- **NEW!!** Retaining walls and excavation will occur on the west side of 111 Street.
- Work will continue on the south side of Saddleback Road. Drainage work on east side of 111 Street at Saddleback Road continues.
- Waterline installation across 111 Street from the northwest 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*

- **NEW!!** On May 12, one lane northbound and one lane southbound will be closed for work in the median.
- **NEW!!** Curb removals and sub-grade prep for new curb.
- Sanitary sewer installation on the east side of 111 Street continues. The multi-use trail on the west side of 111 Street remains closed for construction. Excavation for installation of the retaining wall on the west side of 111 Street is completed.

## Century Park LRT Station

- **NEW!!** May 26 to 28 – Southbound lanes between Saddleback Road and just south of Century Park Station will be closed to traffic. Vehicles will be re-routed to the northbound lanes. Traffic signs will be in place. Expect traffic delays.

### *Transit Centre*

- **NEW!!** Erection of steel structure to begin.
- 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 east/west piers will begin. Expect traffic delays as north and southbound traffic is reduced to one lane each direction. Re-opening date will be confirmed.

- **NEW!!** Formwork for LRT platform deck has begun.

## *Century Park Traction Power Substation*

- Concrete block wall masonry work continues.

## **Power/cable/street and traffic light relocations**

- Relocation of overhead power lines to underground from 61 Avenue to 51 Avenue on the east side of 111 Street continues.
- 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:*

- Floor work continues. Mechanical/electrical work continues.

### *Right-of-Way Building*

- Erection of the steel structure (trusses, columns, joists and roof) is complete. Second floor concrete work has been completed.

For more information please contact:

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*Information in this update is current to May 6, 2008. Weather and other unanticipated events may change the schedule. Visit [www.edmonton.ca/LRTprojects](http://www.edmonton.ca/LRTprojects) for more information about the South LRT Extension, or call 780.496.4874.*

*Information on traffic lane closures is also posted on the web at [www.edmonton.ca/transportation](http://www.edmonton.ca/transportation) (Click on "Current Road Closures and Detours").*

*Do your part to keep workers safe – slow down and be patient. Speed fines double in construction zones when workers are present.*

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**Visit our website at [www.edmonton.ca/LRTprojects](http://www.edmonton.ca/LRTprojects) for detailed information on the South LRT Extension.**