

# WEST LRT UPDATE

The City of Calgary's West LRT status report

December 2011/January 2012



## Website Update – westlrt.ca

- A new How We Build the West LRT video on track construction is ready for viewing on the **Construction Overview** web page.
- Sign up to receive Traffic Alerts and e-Newsletters through your e-mail at [westlrt.ca](http://westlrt.ca).
- The website is regularly updated. Check out the **Construction and Traffic Map** and **What's New** web pages for up-to-date information on traffic impacts, construction progress and project information.

## Open House—Landscaping

A public open house will be held in early 2012, where members of the public will have an opportunity to see and comment on the landscaping concepts, developed in consultation with communities, for the West LRT project. Please check [westlrt.ca](http://westlrt.ca) in the New Year for upcoming details on the open house.

## Sunalta Station Area and LRT Elevated Guideway

- Crews completed installing the overhead catenary system poles, which support the power cables to the LRT, in November. Crews are installing hardware on the poles.
- Fine-tuning of LRT track continues.
- Crews are scheduled to install the pedestrian bridge deck panels in December, north of the Sunalta Station.
- Permanent fencing between The City property and CPR is installed.
- Crews are installing Calgary Transit signage in the station.
- Copper cladding installation inside the station is ongoing.
- Crews continue to install the external station head aluminum cladding on the north face.

## Shaganappi Point Station Area

- The 24 Street S.W. pedestrian bridge is now open. On the north side, the access is from 24 Street S.W. On the south side, the access is from 25A Street S.W.
- Crews are surfacing the track in December.

To keep current on the project and its progress, please visit [westlrt.ca](http://westlrt.ca)

- The signal heads for the LRT crossing are installed.
- Crews are scheduled to complete installing the glass walls along the LRT platforms in December.

## Westbrook Station Area

- Crews opened the dual left hand turn bays from westbound Bow Trail to 33 Street S.W.
- The temporary westbound Bow Trail access to Westbrook Mall will remain open until January 2012.
- Crews will continue to connect the storm, water and utility lines to the north station head building in 2012.
- Crews are scheduled to pour the north station head building's second floor in December.
- Crews are constructing the track plinths in the station.
- Crews continue to install the station elevators and escalators in December.
- Crews installed the acoustic sound control coating within the LRT station and are now installing the acoustical ceiling cladding.
- The south station head concrete work is scheduled to be completed in December.
- Crews continue the masonry work on the station walls.
- Track work will continue in the tunnels in 2012.
- Electrical equipment is being installed in the traction power sub-station within the LRT station.
- A temporary access opened from 17 Avenue S.W. to the Part Source, Olympia Liquor and Wendy's parking lot.
- Demolition began of the old Ernest Manning High School.

## OPEN- Westbrook Mall and Boston Pizza

You can access Westbrook Mall and Boston Pizza from eastbound and westbound Bow Trail, 37 Street S.W., and 33 Street S.W.



THE CITY OF  
**CALGARY**

## New Video:

### How We Build the West LRT- Track

Check out the latest How We Build the West LRT video on the Construction Overview web page at [westlrt.ca](http://westlrt.ca). You can watch the various steps of how crews constructed the eight-kilometres of track along the LRT alignment.

#### 45 Street Station Area

- Temporary traffic lines are in place on 45 Street, north of 17 Avenue S.W.
- The west sidewalk and northbound and southbound bus bays are completed on 45 Street S.W.
- The 47 Street S.W. right-in-right-out intersection and the pedestrian half signal at 17 Avenue S.W. will be constructed in spring 2012.
- Crews installed the glass covering in the steel arches.
- Crews are installing Calgary Transit signage in the station.
- The west platform ramps are completed.
- SNC-Lavalin ENMAX installed the electrical equipment in the traction power station.
- The LRT station is nearing completion. Construction at the station will finish for the winter in December.

### Businesses In Your Community

There are hundreds of businesses through the West LRT area along 17 Avenue S.W. that deserve your patronage. Whether you are looking for international cuisine or delis, auto parts, beauty shops or music stores, your community businesses offer convenience, proximity and worthwhile products and services.

This holiday season, take a walk and visit your local businesses. By supporting your local businesses you are helping to build a vibrant community.

#### Sarcee Trail/17 Avenue S.W. Interchange

- Crews are focusing on completing the permanent on-off ramps through 2012.
- Crews are working to open the permanent on-ramp from 17 Avenue S.W. to southbound Sarcee Trail in December.
- The permanent northbound Sarcee Trail traffic lanes are scheduled to open in 2012.

- Crews are using the existing stockpiles to grade the interchange and back fill tunnel areas. For more information on stockpiles, visit the **Construction Overview** web page at [westlrt.ca](http://westlrt.ca).

#### Sirocco Station Area

- Crews installed the copper roofing.
- Crews are installing Calgary Transit signage in the station.
- The LRT station is nearing completion. Construction at the station will finish for the winter in December.
- LRT tracks are in place with track surfacing ongoing between Costello Boulevard and Christie Park Gate.

#### 69 Street Station Area

- Work continues on the 69 Street S.W. bridge southwest and southeast abutments.
- The east station head roofing is underway.
- Work on the escalators will continue in December. Architectural work is nearing completion on the traction power substation.
- The LRT platform between station heads is installed.
- Track plinth construction is underway between the two station heads.
- The steel platform canopy columns are installed.
- Crews are installing the west station head steel elliptical roof framing.
- Mechanical and electrical work is ongoing.
- The pedestrian bridge deck to the west station head is complete with work continuing on the connections to the abutments.
- The parkade access bridge north abutment is complete with work ongoing on the south abutment.
- Crews are installing the trench's sandstone-printed wall panels.
- Track installation is underway for the storage track area.

### Traffic Alerts

Go to [westlrt.ca](http://westlrt.ca) and sign up on the home page to receive e-mail alerts for West LRT project traffic impacts.

This service provides timely notification about traffic disruptions in the West LRT construction areas.

## UPCOMING CONSTRUCTION AND TRAFFIC IMPACTS – DECEMBER 2011

(In order from east to west )

Dates are subject to change based on weather and the Design-Builder's schedule

Check the Construction and Traffic Map on [www.westlrt.ca](http://www.westlrt.ca) for the latest up-to-date information on traffic impacts to construction

| WHERE  | WHEN          | WHY  | COMMENTS  |
|--|---------------|--|---|
| Open 24 Street S.W. pedestrian bridge  | December 2011 | Construction complete                              | The bridge will open with a temporary all-weather surface on the north side until spring 2012, when crews will permanently pave the north pathway.  |
| Re-open the third west-bound Bow Trail lane west of 33 Street S.W.   | January 2012  | Closing of the temporary access to Westbrook Mall. | The third eastbound and west-bound lanes may need to close during off-peak times to make room for LRT construction.   |
| Permanently close the temporary westbound Bow Trail access to Westbrook Mall   | January 2012  | To allow for three west-bound Bow Trail lanes      |   |
| Full closure of 45 Street S.W., north 17 Avenue S.W.   | Spring 2012   | Watermain installation                             |   |
| Implement right-in-right-out intersection on 47 Street S.W. at 17 Avenue S.W.  | Spring 2012   | 45 Street S.W. is fully open                       |   |
| Open on-ramp from 17 Avenue S.W. to southbound Sarcee Trail  | December 2011 | Ramp construction is complete                      | The ramp will open weather permitting   |
| Widen 69 Street S.W. to permanent width and open northbound left hand turn bay   | 2011/2012     | Bridge construction complete                       | The bridge will open to its full and final width weather permitting.  |
| Top-lift paving and permanent traffic lines on Bow Trail, 17 Avenue S.W. and Sarcee Trail within the West LRT construction zone. | 2012          | Road construction complete                         | A number of traffic lane and road closures are expected during this construction. Sign up for Traffic Alerts at <a href="http://westlrt.ca">westlrt.ca</a> to receive notice prior to these closures in 2012. |



## ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

In order from east to west as shown on the Construction and Traffic Map at [www.westlrt.ca](http://www.westlrt.ca)  
Dates are subject to change based on weather and the design-builder schedule

| WHERE   | WHEN  | WHY  | COMMENTS   |
|---|---|--|--|
| <p><b>Pot holes:</b> Crews monitor roads within the project boundary to ensure pot holes are filled as soon as possible when weather permits.</p> <p><b>Traffic Signals:</b> The City is monitoring traffic signal timing daily and makes adjustments when appropriate to ensure vehicles travel through intersections in the construction zone as efficiently as possible. Keep in mind, the space required for construction prevents signal timing to reflect what motorists experienced before construction began. Traffic delays will happen. Please plan your commute accordingly.</p> |   |  |  |
| <b>Speed reduced to 50km/h for duration of construction within construction zones</b>   | Ongoing until West LRT construction ends      | For safety and protection of commuters and construction workers  | Please drive safely and obey all traffic signs. Adjust your commuting times accordingly.   |
| <b>Road Closure: 11 Street S.W., between 6 Avenue and 8 Avenue S.W.</b>   | Ongoing until January 2012                    | Construct the ground level track crossing between 7 Avenue S.W. and the West LRT line                  | This closure is being managed by the 7 Avenue Refurbishment Project : <a href="http://www.calgary.ca/ti">www.calgary.ca/ti</a> . |
| <b>Temporary Four-way Stop- 14 Avenue/26 Street S.W. intersection</b>   | Ongoing until 2012                            | To reduce traffic speeds in the playground zone  | Once construction is complete, the temporary four-way stop will be removed.  |
| <b>Left hand turn bays removed on 17 Avenue S.W. between 33 Street and 37 Street S.W.</b>   | Ongoing until 2012                            | To accommodate construction of LRT tunnel and trench on north side of 17 Avenue S.W.                   |  |
| <b>Alternate Traffic Movement- Intersection of 17 Avenue and 37 Street S.W.</b>   | Ongoing daily between 3 and 6 p.m. until 2012 | To ensure Calgary Transit bus service maintains its schedule and the intersection operates efficiently | ONLY Calgary Transit buses can turn left from eastbound 17 Avenue S.W. to northbound 37 Street during this time.                 |

## ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

| WHERE   | WHEN                               | WHY  | COMMENTS  |
|---|------------------------------------|--|---|
| <b>Restricted access to businesses north of 17 Avenue S.W, east and west of 37 Street S.W.</b>        | Ongoing until 2012                 | To accommodate construction on the LRT tunnel  | <p><b>Businesses east of 37 Street S.W.</b> can be accessed from 35 Street , 16 Avenue S.W., 17 Avenue, 37 Street S.W.</p> <p><b>Businesses west of 37 Street S.W.</b> can be accessed from 38 Street S.W. and 37 Street S.W.</p>   |
| <b>Temporary access to Glenside Drive at 17 Avenue S.W. is relocated 50m east of original access.</b> | Ongoing until 2012                 | To accommodate construction of the Sarcee Trail Interchange and the LRT bridge   | The two bus stops in the area are relocated to 47 Street S.W.   |
| <b>Dirt Stockpile Area- Sarcee Trail</b>  | Ongoing until 2012                 | This area is the only area along the alignment that can accommodate stockpiling of dirt, which will be used throughout West LRT construction, including fill for the interchange and LRT tunnels | <p>The stockpiles are within the road right-of-way and West LRT construction zone.</p> <p>The contractor is monitoring and mitigating dust and erosion through watering, hydro seeding, and tracking.</p> <p>Please call 3-1-1 if you are experiencing high levels of dust.</p> |
| <b>Closed- Pathway between Wentworth Manor and the Calgary Islamic Centre</b>                         | Ongoing until West LRT opening day | To accommodate Si-rocco Station construction   | Pedestrians can connect to 17 Avenue S.W. via Costello Boulevard and 14 Avenue.   |
| <b>Closed- Pedestrian Staircase from Christie Park Hill to 17 Avenue S.W.</b>                         | Ongoing until 2012                 | To accommodate utility relocations, utility building construction, retaining walls, LRT track, LRT station, intersection construction and 17 Avenue S.W. road alignment                          | Pedestrians can access 17 Avenue S.W. by walking to Costello Boulevard.   |