

WEST LRT UPDATE

The City of Calgary's West LRT status report

August 2011



Website Update – westlrt.ca

- **New Mail Bag Video:** Check out the second installment of the mail bag on the What's New web page.
- Sign up to receive Traffic Alerts and e-Newsletters through your e-mail at westlrt.ca.
- The website is updated weekly and sometimes daily. 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.

Sunalta Station Area and Elevated LRT Guideway

- Welding is beginning on the LRT elevated guideway track in August .
- Painting the LRT elevated guideway will continue in August.
- Crews are scheduled to construct pedestrian bridge piers between Sunalta Station and the Greyhound bus depot in August.
- LRT station glass and cladding installation will continue in August.
- The station copper roofing is scheduled to be completed in August.
- The elevated guideway west bridge abutment and westbound Bow Trail retaining walls are scheduled to be completed in August.

Shaganappi Point Station Area

- Crews are scheduled to restore eastbound Bow Trail between 24 Street S.W and Crowchild Trail in August.
- Crews installed the new, elliptic-shaped 24 Street S.W. pedestrian bridge structure in July.
- Crews will begin work on the pedestrian bridge deck in August, which will open in late fall 2011.
- The copper roofing is expected to be installed on the LRT station roof in August.
- Internal mechanical and electrical work is ongoing in the utility building.
- The LRT track crossover was installed in July, west of the LRT station.

To keep current on the project and its progress, please visit westlrt.ca

Shaganappi Point Golf Course

The golf course is now open for play for the 2011 golf season. You can access the course from westbound or eastbound Bow Trail at 26 Street S.W. Read more at calgary.ca/golf.

Westbrook Station Area

- Backfilling and covering the LRT tunnel east of 33 Street S.W. is complete.
- Eastbound Bow Trail is scheduled to shift onto the permanent traffic lanes between 33 Street S.W. and 29 Street S.W. during the week of August 1.
- Crews will continue to pour the TOD building foundation and its underground parkade structure through August.
- The LRT tunnels west of the LRT station are scheduled to be complete in August.
- Crews are scheduled to begin backfilling the LRT Station, TOD building parkade and LRT tunnels in August.
- The escalators are currently in the pre-fabrication stage and are scheduled to be craned into the LRT Station in August.
- The large steel oval-shaped frame for the south station head is scheduled to be craned in and installed in August.
- One of the three tower cranes is scheduled to be dismantled in August.
- A temporary pedestrian bridge links pedestrians between 17 Avenue S.W. and 16 Avenue at 35 Street until 35 Street re-opens in fall 2011.

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

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 summer take a walk or ride your bike and visit your local businesses. By supporting your local businesses you are helping to build a vibrant community.

45 Street Station Area

- Installed the permanent traffic signals at 17 Avenue/45 Street S.W. intersection in July.
- Crews are working to complete the east half of the 45 Street S.W. bridge in August.
- Construction on the arches over the station platform began in July.
- Crews are on schedule to complete the station walls on the west end in August.
- Crews are backfilling the station walls through August.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station.
- Crews completed the track sub-ballast and ballast foundation layers between 47 Street S.W. and Sarcee Trail.

Sarcee Trail/17 Avenue S.W. Interchange

- Southbound Sarcee Trail shifted onto the permanent traffic lanes under the 17 Avenue S.W. bridge.
- Crews installed the remaining 17 Avenue S.W. bridge girders over Sarcee Trail.
- Crews are working on the 17 Avenue S.W. bridge deck.
- Crews completed the track plinths on the LRT bridge.
- Crews are working on the permanent northbound Sarcee Trail traffic lanes in August.
- The LRT sub-ballast and ballast foundation is scheduled to be completed between Sarcee Trail and Sirocco Station in August.

Traffic Alerts

Go to 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.

- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station northwest of the bridge.
- Crews are using the existing stockpiles to grade the interchange and back fill some tunnel areas. For more information on stockpiles, visit the **Construction News** web page at westlrt.ca.

Sirocco Station Area

- Station roofing will continue in August including the wood roof panel installation.
- The copper roofing will be installed after crews install the copper roofing at Shaganappi Point Station.
- Crews completed the LRT platform ramp in July.
- Crews are constructing the permanent pedestrian islands at Costello Boulevard in August.
- With the external building complete, SNC-Lavalin ENMAX is installing the electrical equipment in the utility building.
- LRT alignment retaining wall work between Costello and Christie Park Gate will continue through August.
- The portal walls between Christie Park Gate and the tunnel are complete with crews backfilling the walls in August.

69 Street Station Area

- Track plinths and LRT rail construction is underway in the tunnels.
- Work will begin on constructing the permanent eastbound 17 Avenue S.W. lanes in August.
- Electrical and mechanical work is underway for the utility building.
- The east station head walls are complete with crews constructing the stairs to the LRT platform in August.
- Crews are constructing the west station head walls in August.
- The precast, sandstone-printed LRT station walls are being installed along the trench walls in August.
- Excavation and shotcreting are complete for the CTrain storage track.
- Crews tested the LED lights on the parkade architectural elements. Glass and frame work will continue through August.
- A temporary sidewalk on the west side of 69 Street S.W. connects 17 Avenue and Springborough Boulevard.

UPCOMING CONSTRUCTION AND TRAFFIC IMPACTS – AUGUST 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 for the latest up-to-date information on traffic impacts to construction

WHERE	WHEN	WHY	COMMENTS
Eastbound Bow Trail between 33 Street S.W. and 29 Street S.W. is shifting south onto the permanent traffic lanes.	August 2	To accommodate LRT alignment.	Two eastbound lanes will remain open.
Closure of 14 Avenue access at 33 Street S.W.	August 2011	To accommodate underground utility work.	Residents must enter community from 26 Street S.W. and 17 Avenue S.W.
Northbound and southbound 33 Street S.W. between Bow Trail and 17 Avenue is reduced to one lane in each direction	August 2 to early September	To accommodate underground utility work.	Access to Westbrook Mall will remain open from 33 Street S.W.
Reduce northbound and southbound 37 Street S.W. to one lane in each direction, north of 17 Avenue S.W.	September 2011	To accommodate work that will restore the 17 Avenue/37 Street S.W. intersection.	LRT tunnel construction must be complete prior to crews restoring the intersection. Major delays are expected. Vehicles can use 33 Street S.W. during this time.
Southbound Sarcee Trail will temporarily shift, north of 17 Avenue S.W.	August 2011	To accommodate permanent traffic lane construction.	All traffic lanes will remain open during the peak period. Single lane closures may be necessary during off-peak hours.
Shift eastbound 17 Avenue S.W. onto permanent traffic lanes between 69 Street S.W. and Christie Park Gate	August 2011	LRT tunnel construction is complete.	
Shift northbound and southbound 69 Street S.W. onto the permanent traffic lanes on 69 Street S.W. bridge, south of 17 Avenue S.W.	August 2011	Bridge construction is complete.	

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

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

WHERE	WHEN	WHY	COMMENTS
<p>Pot holes: Crews monitor roads within the project boundary to ensure pot holes are filled as soon as possible when weather permits.</p> <p>Dust: The City is working with the contractor to minimize the potential dust and erosion issues of the stockpiles. For a long-term solution, the contractor has hydroseeded the stockpile, which will grow grass to help prevent dust when winds are high. If the dirt is required in the short term for construction use, the contractor will spray down the stockpile with water or a polymer-based spray (tackifier), which will help confine the dirt to the pile and help mitigate dust.</p> <p>Traffic Signals: 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>			
Speed reduced to 50km/h for duration of construction within construction zones	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.
Night Work along 17 Avenue S.W.	As required through 2011	To accommodate LRT tunnel and utility construction	Sign up for Traffic Alerts at westlrt.ca to be informed on upcoming night work.
On/off ramp traffic restrictions- 10 Avenue S.W. and Bow Trail	August 2011	To accommodate retaining wall work.	A flag person will control inbound and outbound traffic between Bow Trail and 10 Avenue S.W.
Lane Reduction- West-bound Bow Trail is reduced to two lanes from Crowchild Trail to 33 Street S.W.	Ongoing until fall 2011	To accommodate LRT and Station construction	Major delays are expected in the afternoon peak period. Please plan your commute accordingly.
A number of Bow Trail lane shifts between 26 Street S.W. and Crowchild Trail.	Ongoing until the end of August 2011	To accommodate underground utility construction.	All traffic lanes will remain open during each lane shift.
Temporarily Closed- 24 Street pedestrian bridge	Ongoing until late 2011 when a newly designed bridge is scheduled to open	To accommodate the future LRT alignment and Bow Trail traffic lanes	Pedestrians and cyclists must use 26 Street S.W. to cross Bow Trail.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

WHERE	WHEN	WHY	COMMENTS
Temporary Four-way Stop- 14 Avenue/26 Street S.W. intersection	Ongoing until the end of construction	To reduce traffic speeds in the playground zone	The City will monitor this location during construction. Adjustments deemed necessary will be communicated to the community. Once construction is complete, the temporary four-way stop will be removed.
Temporarily shift east-bound Bow Trail north between 33 Street and 28 Street S.W.	Ongoing until August 2011	To accommodate construction of the Bow Trail permanent alignment and LRT tunnel	Calgary Transit will cease service on 12 Avenue S.W. in 2011. More information on impacts to bus stops and routes will be posted at calgarytransit.com once dates are confirmed.
Temporary Access to Westbrook Mall on westbound Bow Trail	Ongoing until fall 2011	To accommodate LRT tunnel construction	To supplement the temporarily reduced left turn bay capacity at 33 Street S.W.
Left hand turn bays removed on 17 Avenue S.W. between 33 Street and 37 Street S.W.	Ongoing until fall 2011	To accommodate construction of LRT tunnel and trench on north side of 17 Avenue S.W.	
Closed- 35 Street S.W. north of 17 Avenue S.W.	Ongoing until fall 2011	To accommodate LRT tunnel construction	Motorists can access 35 Street from 16 Avenue via 37 Street S.W. A temporary cul-de-sac is in place for vehicles.
Alternate Traffic Movement- Intersection of 17 Avenue and 37 Street S.W.	Ongoing daily between 3 and 6 p.m.	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 to northbound 37 Street during this time.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

WHERE	WHEN	WHY	COMMENTS
Business Access- north of 17 Avenue S.W., east and west of 37 Street S.W.	Ongoing until fall 2011	To accommodate construction on the LRT tunnel	Businesses east of 37 Street S.W. can be accessed from 37 Street S.W. or 16 Avenue S.W. Businesses west of 37 Street S.W. can be accessed from 38 Street S.W. and 37 Street S.W.
Narrowed- 45 Street S.W. bridge	Ongoing until fall 2011	To accommodate construction area for LRT trench and station	Full access and turning movements will be maintained.
New Access- Glenside Drive at 17 Avenue S.W. is relocated 50m east of original access.	Ongoing until late 2011	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. Once construction allows it, a permanent pedestrian signal light will be installed at 47 Street S.W.
Dirt Stockpile Area- Sarcee Trail	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	The stockpiles are within the road right-of-way and West LRT construction zone. The contractor is monitoring and mitigating dust and erosion through watering, hydro seeding, and tracking. Please call 3-1-1 if you are experiencing high levels of dust.
Detour Road- Sarcee Trail and 17 Avenue S.W.	Ongoing until summer 2012	To accommodate construction of the permanent 17 Avenue S.W. alignment and conduct utility relocations	All traffic lanes will remain open.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS

WHERE	WHEN	WHY	COMMENTS
Sarcee Trail and 17 Avenue S.W. intersection	Ongoing until summer 2012	To accommodate interchange construction	<p>The left hand turn bays are shortened to make room for construction.</p> <p>The intersection location will shift as the Sarcee Trail lanes move to the permanent alignment through 2011.</p>
Closed- Pathway between Wentworth Manor and the Calgary Islamic Centre	Ongoing until West LRT opens for revenue services	To accommodate Sirocco Station construction	Pedestrians can connect to 17 Avenue S.W. via Costello Boulevard and 14 Avenue S.W.
Closed- Pedestrian Staircase from Christie Park Hill to 17 Avenue S.W.	Ongoing until late 2011	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.
Temporary traffic lane alignments on 17 Avenue S.W. between Christie Park Gate/ Simcoe Boulevard and 69 Street S.W.	Ongoing until summer 2011 when crews will construct and open the permanent 17 Avenue S.W. lanes.		Two eastbound lanes and two westbound lanes are maintained during construction.

Other City of Calgary Road Closures You Should Know About

- **7 Avenue LRT Refurbishment project (Transportation Infrastructure):** Please visit Calgary.ca/ti for more information.
- **Westbound Bow Trail Bridge Rehabilitation (Calgary Roads):** Ongoing through 2011, the westbound Bow Trail bridge is undergoing a scheduled maintenance to ensure it is structurally sound and safe for motorists. Two westbound Bow Trail lanes will remain open during the afternoon peak periods during the rehabilitation. This bridge rehabilitation is not part of the West LRT project but it will have adverse traffic impacts within the construction zone. Please visit calgary.ca/roads or call 3-1-1 for more information on the closure.