

# WEST LRT UPDATE

The City of Calgary's West LRT status report

March 2011



## Website Update – westlrt.ca

- Sign up to receive Traffic Alerts and e-Newsletters through your e-mail at [westlrt.ca](http://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

- The retaining wall at the east end of the West LRT alignment is complete with backfilling beginning in March.
- Crews continue to work on the inbound and outbound track plinths on the elevated guideway.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station at Shaw Millennium Park.
- The platform panels are now installed on the Sunalta Station deck.
- Crews are erecting piers for the pedestrian bridge between the Sunalta Station and the existing pedestrian bridge over 9 Avenue S.W.
- Elevated guideway pier construction is now complete.
- Construction of the west abutment for the elevated guideway is underway.
- The launching truss will approach completion of the LRT elevated guideway in March.

## Shaganappi Point Station Area

- Utility work will continue under the Crowchild Trail bridges in March.
- Construction of the north abutment for the 24 Street S.W. pedestrian bridge continues.
- Fabrication of the 24 Street S.W. pedestrian bridge steel structure is underway offsite.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station at 24 Street S.W.
- Utility and track work is scheduled in March at 26 Street S.W., which will result in temporary traffic restrictions.

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

- Crews completed installing the LRT station concrete arches.
- Crews will begin installing the LRT station platform panels in March.
- The utility building structure is under construction, west of the station.

## Westbrook Station Area

- Excavation, concrete pouring and duct work continues in the east portal and tunnel area between 28 Street and 33 Street S.W.
- 33 Street S.W. is scheduled to open at Bow Trail in early spring. More information will be available on [westlrt.ca](http://westlrt.ca) and in the Traffic Alerts when the opening date is confirmed.
- Crews continue to pour concrete, install rebar and waterproof the TOD building foundation.
- Concrete pours and steel work continue for the three-story LRT station walls.
- Tunnel sections are beginning to approach completion west of Westbrook Station.
- A temporary pedestrian bridge will be in place at 35 Street S.W. in March linking pedestrians between 17 Avenue S.W. and 16 Avenue S.W.
- Concrete pours continue on trench walls west of 37 Street S.W.
- Trench excavation is underway between 39 Street S.W. and 42 Street S.W.

## OPEN- Westbrook Mall and Boston Pizza

You can access Westbrook Mall and Boston Pizza a few ways: from eastbound and westbound Bow Trail, from 37 Street S.W., and from 33 Street when you travel from 17 Avenue S.W.



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## Business Access on 17 Avenue S.W.

You can access businesses on the north side of 17 Avenue S.W., east of 37 Street, from 37 Street and 16 Avenue.

You can access businesses on the north side of 17 Avenue S.W., west of 37 Street, from 38 Street S.W. and 37 Street S.W.

### 45 Street Station Area

- Crews are scheduled to complete the east bridge abutment in March.
- The station ramp south wall is scheduled to be complete in March.
- Back filling is underway for the station walls.
- Crews continue to prepare the station for the platform panel installation.
- The permanent access to District #2 police station is open from 45 Street S.W.

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

- Backfilling is underway at the east abutment of the bridge.
- The west bridge abutment is scheduled to be complete in March including some ramp grading to the abutment.
- Bridge girders are installed and now bridge deck work is underway on the west half of the bridge.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station northwest of the bridge.
- Utility work will continue off the roadways in March.
- Crews are using the existing stockpiles as fill to grade the interchange and back filling some tunnel areas. For more information on stockpiles, visit the **Construction News** web page at westlrt.ca.

### Sirocco Station Area

- Retaining wall esthetic work is ongoing.
- The concrete work for the stairs and ramp along the north retaining wall is complete.
- The platform walls are scheduled to be complete and backfilling around the walls begins in March.
- The north sidewalk on 17 Avenue S.W. and the stairway from Christie Park Hill are temporarily closed to accommodate construction.

- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station west of Christie Park Gate.

### 69 Street Station Area

- The LRT tunnels east of 69 Street S.W. area are scheduled to be complete with backfilling progressing in March.
- Duct work and plumbing continues at the 69 Street Station.
- A temporary sidewalk on the east side of 69 Street S.W. connects pedestrians between 17 Avenue S.W. and Springborough Boulevard/Westside Recreation Centre access.
- Crews poured the west deck of 69 Street S.W. bridge in February. The concrete barriers will be installed in March.
- Shotcreting continues in the LRT trench guideway between 69 Street and 73 Street S.W.
- Mechanical and electrical rough-ins continue in the Parkade.
- Installation is underway of the architectural green steel blades on the parkade's external walls.
- Masonry work is underway on the parkade's south side.

### West Calgary High School

- Commissioning of the mechanical and electrical systems is underway.
- The building systems and finishes are complete.
- Landscaping will resume in spring 2011.
- Work on the boulevard, sidewalk, and access road from 69 Street S.W. will continue, weather permitting, and then resume in spring 2011, if necessary.
- Installation on the artificial playing field and lighting will occur in spring 2011.

## 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 – MARCH 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
Counter flow traffic on 10 Avenue S.W. under the eastbound Bow Trail bridge	March 2011	To accommodate LRT elevated guideway construction	The counter-flow will be in effect only during non-peak periods. Flag persons will direct traffic through the area.
Counter flow traffic on the ramp from 10 Avenue S.W. to westbound Bow Trail	March 2011	To accommodate utility relocations	The counter-flow will be in place during the weekend. Flag persons will direct traffic through the area.
Road Closure— eastbound and westbound Bow Trail between Crowchild Trail and 26 Street S.W.	April 2011—during the night	To accommodate installation of the 24 Street S.W. pedestrian bridge steel structure	More information will be available on <a href="http://westlrt.ca">westlrt.ca</a> and in the Traffic Alerts when the closing date is confirmed.
Reopening 24 Street S.W. at Bow Trail	March/April	Utility relocations complete	Due to the cold and snowy weather in February, the utility work and the road closure may continue into April.
Traffic restrictions at the intersection of Bow Trail and 26 Street S.W.	March/April 2011	To accommodate underground track work and utility relocations	The schedule and boundaries of work are to be determined. More information on the traffic restrictions will be available closure to the date.
Reopening 33 Street S.W. at Bow Trail	Early Spring 2011	LRT tunnel guideway construction is approaching completion	More information will be available on <a href="http://westlrt.ca">westlrt.ca</a> and in the Traffic Alerts when the opening date is confirmed.
Temporary pedestrian bridge at 35 Street S.W.	March 2011	To link pedestrians between 17 Avenue S.W. and 16 Avenue S.W.	35 Street S.W. is scheduled to open at 17 Avenue S.W. to traffic in summer 2011.

## ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – MARCH 2011

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 line painting:</b> The contractor is monitoring Bow Trail, 17 Avenue S.W. and Sarcee Trail within the construction zone to ensure traffic lane lines are suitable for driving. As required, crews will repaint the traffic lanes lines when weather and pavement conditions permit.</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>Night Work— along 17 Avenue S.W.</b>	As required through 2011	To accommodate LRT tunnel and utility construction	Sign up for Traffic Alerts at <a href="http://westlrt.ca">westlrt.ca</a> to be informed on upcoming night work.
<b>Multilane closures on the eastbound Bow Trail bridge</b>	Ongoing until March 2011	To accommodate LRT elevated guideway construction (off-peak hours)	Lanes will close only during non-peak periods.
<b>Lane Reduction- Westbound Bow Trail reduced to two lanes from Crowchild Trail to 33 Street S.W.</b>	Ongoing until fall 2011	To accommodate LRT and Station construction	Major delays are expected in the afternoon peak period. Please plan your commute accordingly.
<b>Temporarily Closed— 24 Street pedestrian bridge</b>	Ongoing until summer 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.
<b>Eastbound Bow Trail will temporarily shift north onto the old westbound Bow Trail, east of 26 Street S.W.</b>	Ongoing until March 2011	Accommodate utility work	Two lanes will be maintained and the signal light timing at 26 Street S.W. will not change.

## ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – MARCH 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
<b>Temporary Four-way Stop- 14 Avenue/26 Street S.W. intersection</b>	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.
<b>Realignment– eastbound and westbound Bow Trail temporarily shifted north between 28 Street and 33 Street S.W.</b>	Ongoing until Spring 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.
<b>Temporary Access to Westbrook Mall on westbound Bow Trail</b>	Ongoing until spring 2011	To accommodate LRT tunnel construction	This access will be removed after 33 Street S.W. opens.
<b>Left hand turn bays removed on 17 Avenue S.W. between 33 Street and 37 Street S.W.</b>	Ongoing until fall 2011	To accommodate construction of LRT tunnel and trench on north side of 17 Avenue S.W.	Motorists can still make left hand turns.
<b>Closed- 35 Street S.W. north of 17 Avenue S.W.</b>	Ongoing until summer 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.
<b>Alternate Traffic Movement- Intersection of 17 Avenue and 37 Street S.W.</b>	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 – MARCH 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
<b>Business Access—north of 17 Avenue S.W., east and west of 37 Street S.W.</b>	Ongoing until fall 2010	To accommodate construction on the LRT tunnel	<p>Businesses east of 37 Street S.W. can be accessed from 37 Street S.W. or 16 Avenue S.W.</p> <p>Businesses west of 37 Street S.W. can be accessed from 38 Street S.W. and 37 Street S.W.</p>
<b>Narrowed—42 and 45 Street S.W. bridges</b>	Ongoing until trench construction and Station construction is complete	To accommodate construction area for LRT trench and station	Full access and turning movements will be maintained.
<b>New Access—Glenside Drive at 17 Avenue S.W. is relocated 50m east of original access.</b>	Ongoing until late 2011	To accommodate construction of the Sarcee Trail Interchange and the LRT bridge	<p>The two bus stops in the area are relocated to 47 Street S.W.</p> <p>Once construction allows it, a permanent pedestrian signal light will be installed at 47 Street S.W.</p>
<b>Dirt Stockpile Areas – 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>Detour Road—Sarcee Trail and 17 Avenue S.W.</b>	Ongoing until late 2011	To accommodate construction of the permanent 17 Avenue S.W. alignment and conduct utility relocations	All traffic lanes will remain open.
<b>Sarcee Trail and 17 Avenue S.W. intersection</b>	Ongoing until early 2012	To accommodate interchange construction	The left hand turn bays are shortened to make room for construction.

## ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – MARCH 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
<b>Closed– Pathway between Wentworth Manor and the Calgary Islamic Centre</b>	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.
<b>Closed—Pedestrian Staircase from Christie Park Hill to 17 Avenue S.W.</b>	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.
<b>Temporary traffic lane alignments on 17 Avenue S.W. Christie Park Gate/Simcoe Boulevard and 69 Street S.W.</b>	Ongoing until spring 2011 when it will be necessary to remove the temporary bridge and construct the permanent eastbound and westbound 17 Avenue S.W. lanes.		Two eastbound lanes are maintained on the temporary bridge and two westbound lanes are maintained on a temporary detour road, north of the bridge.
<b>17 Avenue S.W./69 Street S.W. intersection</b>	Ongoing throughout construction until spring 2011	To accommodate utility, road and LRT construction	Pedestrians can follow detour signs crossing 17 Avenue S.W. and 69 Street S.W.

### City of Calgary Road Closures

- 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](http://calgary.ca/roads) or call 3-1-1 for more information on the closure.
- 10 Street S.W. Closure (Transportation Infrastructure):** Ongoing until the end of March 2011, 10 Street S.W. is closed at 7 Avenue S.W. for utility relocations as part of the Kerby LRT station construction. Please visit [calgary.ca/ti](http://calgary.ca/ti) or call 3-1-1 for more information on the closure.