

WEST LRT UPDATE

The City of Calgary's West LRT status report

December 2010



Website Update – westlrt.ca

- Check out the new aerial photos of the construction site from Shaw Millennium Park to 69 Street S.W. on the **Construction news 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 construction progress and general project information.

Sunalta Station Area and Elevated Guideway

- Retaining wall work continues just west of 11 Street S.W.
- Crews are preparing the guideway for track work, which will commence in December.
- The walls are complete on the traction power station in Shaw Millennium Park and work is now focusing on the roof.
- Work is underway on the mechanical and electrical rough-ins for the Sunalta Station.
- Night work on the Sunalta Station will continue through to the end of 2010.
- The launching truss is approaching eastbound Bow Trail.
- Work will begin erecting the guideway piers and spans in the median of Bow Trail in December.

Shaganappi Point Station Area

- Utility and road work will continue under Crowchild Trail in December.
- Piling is completed on the north side of the 24 Street S.W. pedestrian bridge. Abutment work on the south side of the bridge is anticipated to begin in December.
- Waterproofing the traction power station structure is underway with work beginning on the external shell in December.
- Piling will be complete for the south LRT platform in December. Forming and concrete work is underway on the north platform walls.

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

Westbrook Station Area

- Excavation continues for the LRT tunnel east of 33 Street S.W. Concrete work will begin on the tunnel foundation and structure in December.
- The access from westbound Bow Trail to Westbrook Mall is open until early 2011.
- A third tower crane will be erected in December for construction on the TOD building.
- Crews are pouring concrete for the TOD building foundation and the station floors and walls.
- Crews are now focusing on concrete pours for the tunnel and trench floors and walls west of the station.

OPEN- Boston Pizza and Westbrook Mall

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

45 Street Station Area

- The west half of the 45 Street S.W. bridge is expected to open in December. Traffic lanes will be restored at the 17 Avenue S.W. intersection when the east half is complete in 2011.
- The traffic signal timing at 45 Street S.W. and 17 Avenue S.W. will adjust to accommodate traffic shifting to the west half.
- The permanent access to District #2 police station is open from 45 Street S.W.
- Retaining wall work is underway along the north side of the 45 Street Station.



THE CITY OF
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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.

Sarcee Trail/17 Avenue S.W. Interchange

- The retaining wall fronting onto Westwood Drive is nearing completion.
- Crews are constructing the LRT and 17 Avenue S.W. interchange centre piers. Bridge pier construction and work on abutments will continue in December 2010.
- Piling will begin on the west abutment in December.
- Construction on the traction power station in the north-west area of Sarcee Trail and 17 Avenue S.W. is nearing completion.
- 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 underway.
- The stairs and ramp along the retaining wall and north platform are on schedule to be complete in December.
- Foundation work is underway on the LRT utility building west of Costello Boulevard.
- The north sidewalk in this area and the stairway from Christie Park Hill is closed until West LRT construction allows it to open.
- Construction of the traction power substation structure is complete at 17 Avenue S.W. and Christie Park Gate S.W.

69 Street Station Area

- Concrete pouring continues on the LRT portal and tunnel east of 69 Street S.W. including floors, walls and roof through December.
- Shot Crete work is underway in the 69 Street Station trench.
- A temporary sidewalk on the east side of 69 Street S.W. is open and connects pedestrians between 17 Avenue S.W. and Springborough Boulevard/Westside Recreation Centre access.
- Abutment work began on the west side of the 69 Street S.W. bridge including the north and south abutments.
- Parkade precast segment installation is more than 50 per cent complete.
- Installation of the architectural “green grass” feature of the parkade will begin in December.
- Mechanical and electrical rough-in work is underway on the Parkade’s west side.
- The 69 Street Station Park and Ride and bus terminal will open in late 2012 at the 69 Street Station.

West Calgary High School

- Work continues on all building systems and finishes including flooring, painting, drywall, electrical and other services.
- Work is underway on the gymnasium hardwood floor.
- 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 www.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 2010

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
The ramp from southbound Crowchild Trail to westbound Bow Trail will shift to its permanent alignment	December 2010	To accommodate the future LRT alignment	The ramp will remain temporarily narrowed until construction is complete.
Westbound Bow Trail will shift to its permanent alignment under the Crowchild Trail bridge	December 2010	To accommodate the future LRT alignment	The ramp from 10 Avenue S.W. to westbound Bow Trail will also shift.
Eastbound Bow Trail will temporarily shift north onto the old westbound Bow Trail, east of 26 Street S.W.	January 2011	Accommodate utility work	Two lanes will be maintained and the signal light timing at 26 Street S.W. will not change.
Close 12 Avenue S.W. access from 26 Street S.W. permanently	January 2011	Accommodate future Bow Trail and LRT alignment	Calgary Transit will no longer provide service on 12 Avenue S.W. Check out www.calgarytransit.com for more information on impacts to bus stops. Pedestrians and cyclists will still have access to 12 Avenue S.W. from 26 and 33 Streets.
Open 45 Street S.W. Bridge—West half	December 2010	Construction of west side of bridge is complete	The temporary lane widths will remain to accommodate construction. Traffic lanes will be realigned into a straight line through the north-south movement. Expect new traffic signal timing for the north-south direction.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – DECEMBER 2010

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
Night Work – along 17 Avenue S.W.	As required through fall 2010	Accommodate LRT tunnel and utility construction	Sign up for Traffic Alerts at westlrt.ca to be informed on upcoming night work.
Speed reduced to 50km/h for duration of construction within construction zones	Ongoing until West LRT construction ends	Safety and protection of commuters and construction workers	Please drive safely and obey all traffic signs. Adjust your commuting times accordingly.
Realignment- Crowchild Trail/Bow Trail Interchange ramps	Ongoing until spring 2011	Retaining wall construction to make room for the future LRT alignment	A number of lane realignments, restrictions and detours will be in place.
Lane Reduction- Westbound Bow Trail reduced to two lanes from Crowchild Trail to 33 Street S.W.	Ongoing until fall 2011	Utility work and construction of the future westbound Bow Trail lanes	Major delays are expected in the afternoon peak period. Please plan your commute accordingly.
Temporarily Open —24 Street S.W. north access	Fall 2010 to spring 2011	Provide alternate access for residents during winter months.	Expect this access to close intermittently between fall 2010 and spring 2011 to accommodate utility work.
Temporarily Closed —24 Street pedestrian bridge	Ongoing until summer 2011 when new bridge is scheduled to open	Accommodate the future LRT alignment and Bow Trail traffic lanes	Pedestrians and cyclists must use 26 Street S.W. to cross Bow Trail.
Temporary Four-way Stop- 14 Avenue/26 Street S.W. intersection	Ongoing until the end of construction	Reduce traffic speeds in this 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.
Realignment – eastbound and westbound Bow Trail temporarily shifted north between 28 Street and 33 Street S.W.	Ongoing until Spring 2011	Bow Trail permanent alignment and LRT tunnel construction.	Calgary Transit will cease service on 12 Avenue S.W. in Nov. 2010 Check out www.calgarytransit.com for more information on impacts to bus stops.

WHERE	WHEN	WHY	COMMENTS
Closed- 33 Street S.W. south of Bow Trail	Ongoing until January 2011	Accommodate LRT tunnel work	Access to Westbrook Mall and Boston pizza will remain open on 33 Street S.W. SOUTH of the closure. Access to 33 Street S.W. will be exclusively from 17 Avenue S.W. during the closure.
Temporary Access to Westbrook Mall on westbound Bow Trail	Ongoing until early 2011	Accommodate LRT tunnel construction	This access is scheduled to close when 33 Street S.W. reopens.
Lane Reductions- 17 Avenue S.W. reduced to four lanes between 33 Street and 37 Street S.W.	Ongoing until fall 2011	Construction of LRT tunnel and trench on north side of 17 Avenue S.W.	The designated left-hand turn bays are being eliminated; however, motorists will still be able to make left hand turns.
Closed- 35 Street S.W. north of 17 Avenue S.W.	Ongoing until spring 2011	Accommodate LRT tunnel construction	Motorists and pedestrians can access 35 Street from 16 Avenue via 37 Street S.W. A temporary cul-de-sac will be in place for vehicles.
Alternate Traffic Movement- Intersection of 17 Avenue and 37 Street S.W. ONLY Calgary Transit buses can turn left from eastbound 17 Avenue to northbound 37 Street.	Ongoing daily between 3 and 6 p.m.	Ensure Calgary Transit bus service maintains its schedule and the intersection operates efficiently	
Business Access- north of 17 Avenue S.W, east and west of 37 Street S.W.	Ongoing until fall 2010	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. via 15 Avenue S.W.

WHERE	WHEN	WHY	COMMENTS
42 Street S.W. Bridge narrowing	Ongoing until trench construction is complete	Accommodate construction area for LRT trench	Full access and turning movements will be maintained. Pedestrians can use the east side walk during this time.
New Access—Glenside Drive at 17 Avenue S.W. is relocated 50m east of original access.	Ongoing until late 2011	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 road work construction is complete, a permanent pedestrian signal light will be installed at 47 Street S.W.
Dirt Stockpile Areas – 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.	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, hydroseeding, 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 late 2011	Construct the permanent 17 Avenue S.W. alignment and conduct utility relocations.	All traffic lanes will remain open.
Closed— Pathway between Wentworth Manor and the Calgary Islamic Centre	Ongoing until construction in the area is completed	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.	Until late 2012	Work in the area will include 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.

WHERE	WHEN	WHY	COMMENTS
<p>Two eastbound and two westbound lanes on 17 Avenue S.W. are restored in each direction between 69 Street S.W. and Christie Park Gate/Simcoe Boulevard.</p>	<p>Ongoing until early 2011 when it will be necessary to remove the bridge and construct the permanent eastbound and westbound 17 Avenue S.W. lanes.</p>		<p>Two eastbound lanes will be maintained on the temporary bridge and two westbound lanes will be maintained on a temporary detour road, north of the bridge.</p>
<p>17 Avenue S.W./69 Street S.W. Intersection</p>	<p>Ongoing throughout construction until 2012</p>	<p>Accommodate utility, road and LRT construction</p>	<p>Pedestrians can follow detour signs crossing 17 Avenue S.W. and 69 Street S.W.</p>