

WEST LRT UPDATE

The City of Calgary's West LRT status report

April 2011



Website Update – westlrt.ca

- 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

- Crews are finishing parapet walls on the east end of the elevated guideway and continue to install the traction power conduit.
- 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 structural work is underway for the stairs and escalators on the north and south sides of the station head.
- Construction of the west abutment for the elevated guideway is underway.
- The launching truss is scheduled to complete the elevated guideway structure in April, followed by disassembly at the west end.

Shaganappi Point Station Area

- Crews are forming the permanent north and south abutments for the 24 Street S.W. pedestrian bridge.
- Utility work is under way at 24 Street S.W. in April.
- Crews are working to complete the permanent roadworks on 24 Street S.W. in April.
- Fabrication of the 24 Street S.W. pedestrian bridge steel structure continues offsite and is scheduled to be installed over Bow Trail in May.
- 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 April 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

- Crews completed installing the station platform panels.
- The utility building wall brick work is complete with work progressing on the roof.

Shaganappi Point Golf Course

During the median closure in April, golfers can access the golf course ONLY from westbound Bow Trail. Golfers travelling eastbound Bow Trail must continue travelling eastbound to 16 Street S.W. (Greyhound Station turn-off) and then follow 16 Street S.W. north to westbound Bow Trail.

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.
- Crews will begin foundation work on the Traction Power Station near 29 Street S.W. in April.
- Crews will form and pour the final tunnel sections east of 33 Street S.W. in April.
- Trench wall construction will begin near 29 Street S.W. in April.
- A third tower crane was erected with work progressing on pouring the TOD building foundation walls.
- Crews will begin forming and pouring the LRT station roof in April.
- A temporary pedestrian bridge opened at 35 Street S.W. linking pedestrians between 17 Avenue S.W. and 16 Avenue S.W.
- Concrete pours continue on trench walls west of 37 Street S.W.

OPEN- Westbrook Mall and Boston Pizza

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



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. and 37 Street S.W.

45 Street Station Area

- The permanent access to District #2 police station is open from 45 Street S.W.
- Crews installed girders for the east half of the 45 Street S.W. bridge and are now focused on deck work.
- The station pedestrian ramp walls are complete with work progressing on constructing the ramp in April.
- Back filling is underway for the station walls.
- The LRT platform foundations are complete.
- Crews are scheduled to install the precast LRT platform panels in April.
- The final retaining wall sections on the west end are scheduled to be completed in April.
- Underground utilities and track work is scheduled to begin at 47 Street S.W. in late April, which includes a four-week closure of 47 Street S.W.

Sarcee Trail/17 Avenue S.W. Interchange

- The precast panels for the LRT bridge are scheduled to be installed in April.
- Retaining wall work continues on the abutment areas.
- Roadwork is scheduled to begin on the permanent southbound Sarcee Trail lanes in April.
- Bridge deck work continues on the west half of the bridge.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station northwest of the bridge.
- 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

- The concrete arches were installed in March with supporting brackets being welded onto the arches in April.

- The precast panels for the LRT platform are scheduled to be installed in April.
- Retaining wall work is underway for the LRT alignment between Costello Boulevard and Christie Park Gate.
- SNC-Lavalin ENMAX is installing the electrical equipment in the traction power station near Christie Park Gate.

69 Street Station Area

- Crews are finishing the last trench section of the tunnel portal just west of Christie Park Gate.
- LRT tunnel structures are complete.
- The east station head foundation is complete.
- Crews are scheduled to install the precast concrete station walls in April.
- A temporary sidewalk on the east side of 69 Street S.W. connects pedestrians between 17 Avenue S.W. and Springborough Boulevard.
- Bridge deck work continues.
- Excavation and 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 scheduled to finish in April.
- Landscaping will resume when weather permits.
- Work on the boulevard, sidewalk, and access road from 69 Street S.W. will continue when weather permits.
- Installation on the artificial playing field and lighting will occur in late spring 2011.

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.

UPCOMING CONSTRUCTION AND TRAFFIC IMPACTS – APRIL 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 and westbound Bow Trail reduced to one lane in each direction.	April	To accommodate utility relocations	Scheduled as weekend work.
Multi-lane closures on eastbound Bow Trail bridge	April	To accommodate elevated guideway work	This multilane closure will happen through April as required between 9 a.m. and 3 p.m.
Shift westbound Bow Trail onto permanent alignment between Crowchild Trail and 24 Street S.W.	Late April	Utility relocations complete	No traffic impacts are anticipated.
Reopening 24 Street S.W. at Bow Trail	April	Utility relocations complete	
Temporary closure of 26 Street S.W., south of Bow Trail.	April — one week	To accommodate underground utility relocations and concurrently with median closure.	Motorists must use 17 Avenue S.W. to access 26 Street S.W. south of Bow Trail. Pedestrian movements will be safely maintained across Bow Trail at 26 Street S.W. during this time.

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WHERE	WHEN	WHY	COMMENTS
Bow Trail east-west median closure at 26 Street S.W.	April —three weeks	To accommodate underground track work and utility relocations	North and south of Bow Trail, 26 Street S.W. will act as a right-in-right-out with 26 Street S.W. north of Bow Trail also providing a southbound to eastbound movement. Pedestrian movements will be safely maintained across Bow Trail at 26 Street S.W. during this time.
Closure of 47 Street S.W. at 17 Avenue S.W.	Late April— 24/7 for four weeks	To accommodate utility and track work.	Traffic will be detoured to 45 Street S.W. No night work is anticipated. Pedestrians can safely access 17 Avenue S.W. from 47 Street S.W. during this time.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – APRIL 2011

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>Traffic line painting: 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>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.
Lane Reduction- West-bound Bow Trail 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.
Temporarily Closed— 24 Street pedestrian bridge	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.
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.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – APRIL 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
Realignment– east-bound and westbound Bow Trail temporarily shifted north between 28 Street and 33 Street S.W.	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.
Temporary Access to Westbrook Mall on westbound Bow Trail	Ongoing until summer 2011	To accommodate LRT tunnel construction	
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.	Motorists can still make left hand turns.
Closed- 35 Street S.W. north of 17 Avenue S.W.	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.
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.
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.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – APRIL 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
Narrowed—42 and 45 Street S.W. bridges	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.
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	<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>
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 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>
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.
Sarcee Trail and 17 Avenue S.W. intersection	Ongoing until summer 2011	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>

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – APRIL 2011 CONTINUED...

WHERE	WHEN	WHY	COMMENTS
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. Christie Park Gate/Simcoe Boulevard and 69 Street S.W.	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.
17 Avenue S.W./69 Street S.W. intersection	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 or call 3-1-1 for more information on the closure.