

WEST LRT UPDATE

The City of Calgary's West LRT status report

January 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 general project information.

Sunalta Station Area and Elevated Guideway

- The retaining wall at the east end of the West LRT alignment just west of 11 Street S.W. will be completed in January.
- Crews continue to prepare the guideway for track work.
- Roofing and the external esthetic features will be completed on the traction power station in Shaw Millennium Park in January
- Duct and conduit work is underway for the Sunalta Station.
- Installation of the concrete platform arches is underway.
- The launching truss will complete the elevated LRT guideway spans east of Bow Trail in January.
- Work continues on the guideway piers in the median of Bow Trail.

Shaganappi Point Station Area

- Utility, road and retaining wall work will continue under Crowchild Trail in January.
- The south abutment is complete and work will begin on the north abutment for the 24 Street S.W. pedestrian bridge.
- Piling is complete with construction on the south platform now underway. Forming and concrete work continues on the north platform walls.
- 24 Street S.W. will close for two weeks in late January/early February 2011 to accommodate utility work.

Westbrook Station Area

- Excavation, concrete piling and duct work is underway in the portal and tunnel area between 28 Street and 33 Street S.W.
- The access from westbound Bow Trail to Westbrook Mall is open until spring 2011.
- A third tower crane will be erected in early 2011 for construction on the TOD building.
- Crews are pouring concrete and tying steel work for the TOD building foundation.
- Concrete pours and steel work is underway for the three-story LRT station walls.
- Crews continue concrete pours and other LRT tunnel work between Westbrook Station and 37 Street 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 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.

45 Street Station Area

- The west half of the 45 Street S.W. bridge is expected to open in January. 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 17 Avenue and 45 Street S.W. will adjust to accommodate the new intersection lanes.
- The permanent access to District #2 police station is open from 45 Street S.W.
- Crews will begin to pour the LRT station walls in January.

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



THE CITY OF
CALGARY

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.

Sarcee Trail/17 Avenue S.W. Interchange

- The retaining wall fronting onto Westwood Drive is scheduled to be complete in January.
- Work continues on the west bridge abutment and is scheduled to be complete in late January or early February.
- Expect **full night time closures** of Sarcee Trail in February to install the bridge girders. More details on the closure will be available at westlrt.ca once the schedule is confirmed.
- Construction on the traction power station in the north-west area of Sarcee Trail and 17 Avenue S.W. is approaching completion. The LRT electrical equipment will be installed through 2011
- 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 approaching completion.
- The stairs and ramp along the retaining wall and north platform are approaching completion.
- Piling will begin in January for the LRT utility building foundation west of Costello Boulevard.
- The north sidewalk on 17 Avenue S.W. and the stairway from Christie Park Hill are temporarily closed to accommodate construction.
- Construction of the traction power substation structure is complete. The LRT electrical equipment will be installed through 2011.

69 Street Station Area

- Concrete pouring continues through January on the LRT portal and tunnel east of 69 Street S.W. including floors, walls and roof.
- 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.
- Work is approaching completion on the 69 Street S.W. bridge structure on the west side. Once completed, work will progress to construct the permanent 17 Avenue and 69 Street S.W. intersection including the permanent traffic lanes and road alignment.
- The parkade structure is scheduled to be substantially complete in January.
- Mechanical and electrical rough-in continues on the Parkade's west side and will progress to the east side in January.
- Installation is underway of the architectural green steel blades on the parkade's external walls.
- 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.
- The gymnasium hardwood floor is completely installed.
- 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 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 – JANUARY 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
Multilane closures on the eastbound Bow Trail bridge	January 2011	To accommodate LRT elevated guideway construction (off-peak hours)	Lanes will close only during non-peak periods.
Lane closures on 10 Avenue S.W. under the eastbound Bow Trail bridge	January 2011	To accommodate LRT elevated guideway construction	Lanes will close only during non-peak periods.
Westbound Bow Trail bridge rehabilitation	Beginning in late January 2011 and ongoing through 2011	The City’s Calgary Roads department is undergoing a scheduled maintenance of the bridge to ensure it is structurally sound and safe for motorists	This bridge rehabilitation is not part of the West LRT project but it will have adverse traffic impacts within the construction zone. Two westbound Bow Trail lanes will remain open during the afternoon peak periods during the rehabilitation.
Westbound Bow Trail will shift to its permanent alignment under the northbound Crowchild Trail bridge	January 2011	To accommodate the future LRT alignment	The ramp from 10 Avenue S.W. to westbound Bow Trail will also shift.
Temporarily close the off-ramp from eastbound Bow Trail to 10 Avenue S.W.	Late January-early February for approximately 10 days	To accommodate underground utility construction	More information on the duration of closure will be available in January 2011 on the Construction and Traffic Map at westlrt.ca when dates are confirmed.
The ramp from southbound Crowchild Trail to westbound Bow Trail will shift to its permanent alignment	January 2011	To accommodate the future LRT alignment	The ramp will remain temporarily narrowed until construction is complete.

UPCOMING CONSTRUCTION AND TRAFFIC IMPACTS – JANUARY 2011

CONTINUED...

WHERE	WHEN	WHY	COMMENTS
Temporarily close north access to 24 Street S.W. at west-bound Bow Trail	In late January/early February 2011 for approximately two weeks	Accommodate utility work	Once the start date is confirmed it will be posted on the Construction and Traffic Map at westlrt.ca .
Eastbound Bow Trail will temporarily shift north onto the old west-bound 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 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	Late January 2011	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.
Nightly closure of northbound and southbound Sarcee Trail between 17 Avenue S.W. and Bow Trail nightly	February 2011 for approximately one week	To accommodate girder installations for the LRT and 17 Avenue S.W. bridge over Sarcee Trail	This full closure of Sarcee Trail will only happen during the night. More information on detour routes, closure times and reduced clearance will be available in late January 2011 on the Construction and Traffic Map at westlrt.ca .

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – JANUARY 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
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- Westbound 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 Open—24 Street S.W. north access	Ongoing until spring 2011	To provide alternate access for residents during winter months	Expect this access to close intermittently until spring 2011 to accommodate utility work.
Temporarily Closed— 24 Street pedestrian bridge	Ongoing until summer 2011 when new 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 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	To accommodate construction of the Bow Trail permanent alignment and LRT tunnel	Calgary Transit will cease service on 12 Avenue S.W. in early 2011. More information on impacts to bus stops and routes will be posted at calgarytransit.com once dates are confirmed.

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

WHERE	WHEN	WHY	COMMENTS
Closed- 33 Street S.W. south of Bow Trail	Ongoing until early 2011	To accommodate LRT tunnel work	<p>Access to Westbrook Mall and Boston pizza will remain open on 33 Street S.W. SOUTH of the closure and from eastbound Bow Trail, westbound Bow Trail and 37 Street S.W.</p> <p>Access to 33 Street S.W. will be exclusively from 17 Avenue S.W. during the closure.</p>
Temporary Access to Westbrook Mall on westbound Bow Trail	Ongoing until early 2011	To accommodate LRT tunnel construction	
Lane Reductions- 17 Avenue S.W. reduced to four lanes 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.	The designated left-hand turn bays are eliminated during this time; however, motorists can still make left hand turns.
Closed- 35 Street S.W. north of 17 Avenue S.W.	Ongoing until spring 2011	To accommodate LRT tunnel construction	Motorists and pedestrians 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 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>

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

WHERE	WHEN	WHY	COMMENTS
42 Street S.W. Bridge narrowing	Ongoing until trench construction is complete	To 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	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 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	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 late 2011	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 early 2012	To accommodate interchange construction	The left hand turn bays are shortened to make room for construction.

ONGOING CONSTRUCTION AND TRAFFIC IMPACTS – JANUARY 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.
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.	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.		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 late 2011	To accommodate utility, road and LRT construction	Pedestrians can follow detour signs crossing 17 Avenue S.W. and 69 Street S.W.