

WEST LRT NEWSLETTER

The City of Calgary's West LRT Progress Report

13 Ave SW

14 Ave SW

Dec. 2011

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2011 Highlights

Every day, the West LRT project grows and takes shape through Calgary's west side. The past construction season was filled with milestones as crews completed work in some areas and began construction in others.

The most impressive achievement of 2011 was completing the LRT elevated guideway.

In May 2011, the last bridge segment of the 1.5 kilometre LRT elevated guideway was installed, just 10 months after its construction began. More than 350 bridge segments were raised onto 37 concrete piers by the yellow launching truss to form the elevated guideway deck.

In 2011, we also saw the completion of both West LRT tunnels and the LRT trench

along 17 Avenue S.W. Track and electrical work also began along the eight-kilometre alignment, while major advances were made in all six LRT stations.

To get a behind-the-scenes look at the West LRT project, including how the LRT elevated guideway was constructed, visit the **Videos and Photos** web page on westlrt.ca.

LRT Elevated Guideway

Project Manager's Message

The 2011 construction season was the busiest of the West LRT's three construction seasons. Work is underway at all six LRT stations, track is now in place along seven kilometres of the eight-kilometre LRT route. Construction is also ongoing to install

the infrastructure that will provide power to the LRT line.

In 2012, work will be isolated primarily within the future LRT route, focusing on completing the LRT stations and track, and then testing and commissioning the LRT line before opening day in early

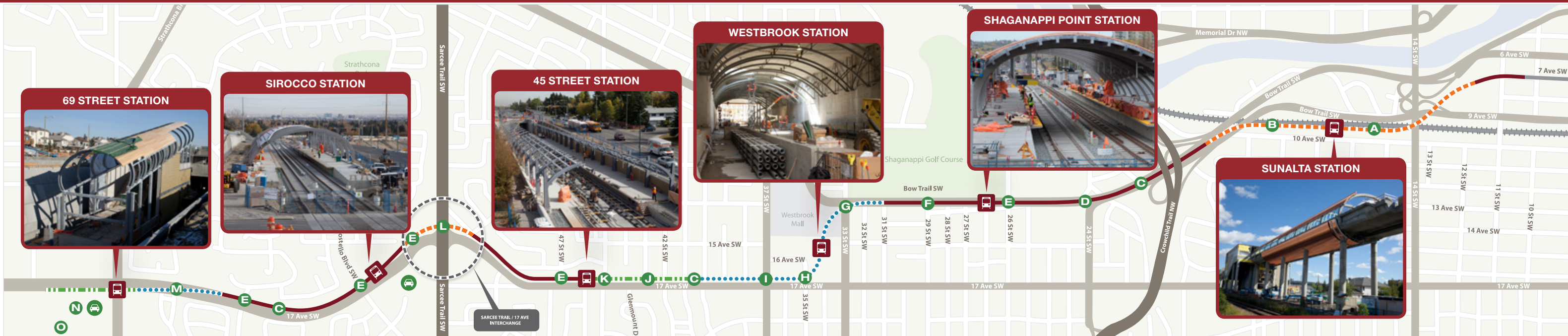
2013. From the staff at the West LRT project and myself, I would like to wish you a happy and healthy holiday season.

Darrell Norton, West LRT Project Manager



2011 Construction Milestones

The past construction season was filled with milestones as crews completed work in some areas and began construction in others. The map below highlights some of the major work completed and underway within the West LRT construction zone 2011.



2011 Project Milestones (from east to west)

- A** Began installing overhead catenary poles on the LRT elevated guideway.
- B** Completed the LRT elevated guideway.
- C** Began track work along the entire 8 km LRT route.
- D** Constructed the 24 Street S.W. pedestrian bridge.
- E** Completed all ground level track crossings.
- F** Completed roadwork on Bow Trail.
- G** Completed the 800 m LRT tunnel at Westbrook Station.
- H** Reopened 35 Street access at 17 Avenue S.W.
- I** Restored the 17 Avenue/37 Street S.W. intersection.
- J** Completed the LRT trench guideway.
- K** Restored the 45 Street/17 Avenue S.W. intersection.
- L** Opened the Sarcee Trail/17 Avenue S.W. interchange bridge.
- M** Completed the 200 m LRT tunnel under 17 Avenue S.W., east of 69 Street.
- N** Completed the parkade at 69 Street Station.
- O** Completed and opened the new Ernest Manning High School.



Welding LRT tracks near 47 Street S.W

LRT Station Update

Station construction advanced through 2011 as crews installed platforms; wood, copper and glass roofing; and Calgary Transit signage. Elevators and escalators were also installed at the Sunalta, Westbrook and 69 Street stations. The Westbrook Station skylight frames are in place, and crews began burying the underground station with dirt.

Will the copper on the West LRT Station canopies turn green? In some climates, copper will turn green over time, like the roofs on Canada's Parliament Buildings. Due to the climate in Calgary, the copper will lose its sheen and become dull in colour, resembling the colour of an older penny. For specific information and updates on your neighbourhood station, check out westlrt.ca and look under the Station Areas tab.



Installing overhead catenary poles on the LRT elevated guideway

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For more information on the West LRT, visit westlrt.ca.

For regular West LRT project updates, sign up for the e-newsletter at westlrt.ca.

How We Build the West LRT Video

The West LRT project website now features three How We Build the West LRT videos. You can see the latest How We Build the West LRT video on constructing track work by visiting the **Construction Overview** web page.

The new videos take you inside the construction zone showing how crews piece together the eight-kilometres of LRT track for the new West LRT line. You can also watch the "cut and cover" technique for LRT tunnel work and watch the launching truss lift segments into place for the 1.5 kilometre LRT elevated guideway.

You can find all the West LRT videos and photos on the **Videos and Photos** web page at westlrt.ca.



Landscaping The West LRT

Through 2012 and 2013, the West LRT construction zone will be landscaped back as close as possible to its original look. More than 1,700 trees and other plantings will revitalize the construction zone along Bow Trail and 17 Avenue S.W.

Through fall 2011, the West LRT project team began meeting with community representatives to review landscaping concepts for specific areas. A public open house will be held in early 2012, where members of the public will have an opportunity to see and comment on the landscaping concepts for each of the areas. Please check westlrt.ca in the New Year for upcoming details on the open house.



New Bike Routes

The City plans to implement bicycle improvements for all six station areas of the new West LRT line, co-ordinating with the start of service in early 2013. These improvements will integrate with the station Mobility Assessment Plans to allow seamless and convenient cycling access to the West LRT line. View the Mobility Assessment Plan for each of the six new LRT stations on their respective station area web page at westlrt.ca.

Planning for Phase 1 was initiated in the spring 2011 and included the 45 Street, Westbrook and Shaganappi Point stations. The City of Calgary engaged a stakeholder group comprised of area community and cycling community representatives to develop a system of improvements that will provide cycling routes leading into each of the West LRT station areas. Planning for Phase 2 will begin in the winter of 2012 and includes the 69 Street, Sirocco and Sunalta stations.

Information on the proposed routes can be found on calgary.ca by typing "on-street bike" into the search engine, then clicking on the **Planned Cycling Route Improvements** link.

