



September 2015

Electric system improvements near you

Southwest Calgary Ring Road Transmission Project

You are receiving this newsletter because you are near our proposed Southwest Calgary Ring Road Transmission Project and we want your input. This project is part of the province of Alberta’s Southwest Calgary Ring Road Project.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AUC brochure: Public involvement in a proposed utility development

This may be the first time you are receiving information about this project. We originally mailed information to stakeholders in February 2015. We have since modified the alignment of the proposed overhead transmission lines both north and south, as well as the underground portion directly east, of the Sarcee Substation. Please see the attached map for a detailed overview of the proposed new alignment.

The Southwest Calgary Ring Road Transmission Project includes:

- removing approximately 2.5 kilometres (1.5 miles) of 240 kilovolt (kV)/138 kV double circuit steel lattice transmission line from Tsuu T’ina Nation land and relocating it underground within the Transportation/Utility Corridor (TUC) south of Glenmore Trail and west of 37 Street Southwest
- removing two segments of two pole 138 kV transmission line, approximately one kilometre (0.6 miles) in length, from Tsuu T’ina Nation land and relocating it as a double circuit 138 kV transmission line on the south side of Highway 8 within the TUC
- relocating approximately one kilometre (0.6 miles) of a 240 kV double circuit transmission line further west along Sarcee Trail
- modifying existing structures and equipment within the existing Sarcee Substation

DEFINITION:

Transportation/Utility Corridor (TUC):

In the 1970s, the Government of Alberta designated specific land around the cities of Edmonton and Calgary for future infrastructure such as ring roads, major utilities and pipelines, storm water management facilities and municipal services. For more information about the TUC, please visit the Buildings and Land section of the Alberta Infrastructure website at www.infrastructure.alberta.ca.

How to provide your input

ONE-ON-ONE CONSULTATIONS

We will contact new stakeholders to gather input through one-on-one consultations. During the one-on-one process we will document the information you provide and respond to any questions or concerns you may have.

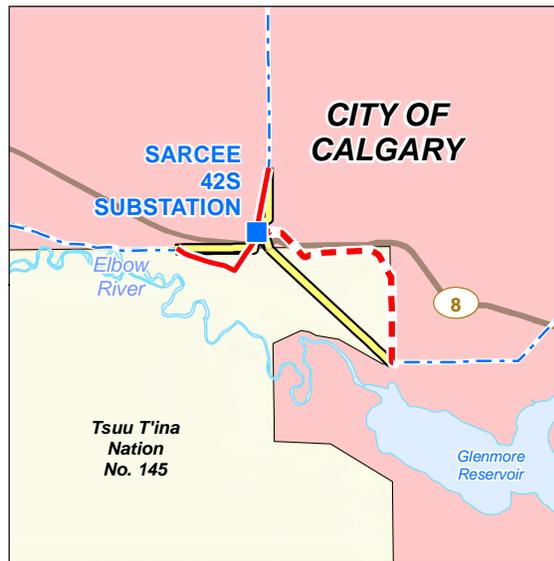
Please contact us if you have any questions or would like to provide further input about the project and the route adjustments.

Stakeholder input will be considered in our evaluations as we finalize our routing and design. A summary of stakeholder comments will be incorporated into the application we submit to the Alberta Utilities Commission (AUC).

To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Public involvement in a proposed utility development*.

Construction information

We will provide more information regarding the construction process as the project progresses.



LEGEND

- Existing Substation
- Proposed Transmission Line Relocation
- - - Proposed Underground Transmission Line
- Proposed Salvage of Existing Transmission Line
- - - Existing Transmission Line
- Road
- First Nations Reserve
- Urban Area
- Water Body



138 kV structure similar to the proposed



240 kV structure similar to the proposed



Riser structure similar to the proposed

Structure details

The new double circuit 138 kV monopole structures (shown on the attached map as 3L/150L) will be approximately 25 to 35 metres (82 to 115 feet) tall and 7 metres (23 feet) wide at the widest arm.

The new 240 kV steel lattice structures (906L/928L on the attached map) for the section near the Sarcee Substation will be approximately 38 to 42 metres (125 to 138 feet) tall and 13 metres (42 feet) wide at the widest arm.

Two riser structures will be required for the underground portion (shown as 916L/693L on the attached map) near 66 Avenue and 37 Street Southwest. These structures will carry the transmission line wires from overhead to underground and will be approximately 30 to 42 metres (98 to 138 feet) tall and 5 to 10 metres (16 to 33 feet) wide at the widest arm.

SOUTHWEST CALGARY RING ROAD TRANSMISSION PROJECT

Below are answers to some common questions we hear from landowners during our consultation process. Please let us know if you have any questions or concerns and we will work to get you the information you need.

WHAT ABOUT ELECTRIC AND MAGNETIC FIELDS (EMF)?

AltaLink recognizes that you may have concerns about EMF, and we treat those concerns seriously. National and international organizations such as Health Canada and the World Health Organization have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from high voltage transmission lines.

EMF levels are strongest when close to the source, and diminish quickly as the distance from the source increases.

WILL THE FACILITIES BE LOUD?

Another concern landowners often raise is in regard to noise from our facilities. AltaLink complies with the Permissible Sound Level of the AUC's Rule 012 - Noise Control - in fair weather. More information on Rule 012 can be found on the AUC website, www.auc.ab.ca.

WILL MY RADIO OR TELEVISION SIGNAL BE IMPACTED?

Canadian over-the-air television broadcasting stations have been – or are being – converted from analog to digital signals. Digital television signals, as well as wireless internet signals, are broadcasted at higher frequencies than analog television and will not be impacted by transmission facilities.

When a radio receiver is in close proximity to transmission facilities there may be interference with an amplitude-modulated (AM) radio signal, such as a commercial AM radio station. Frequency-modulated (FM) radio stations are generally not affected by transmission lines.

WHAT ARE THE VISUAL IMPACTS OF THE PROJECT?

AltaLink understands visual impact may be an important concern to some landowners impacted by this project. The relocated lines will either be buried or located within the TUC and road right-of-way.

WHAT DO YOU DO TO PROTECT THE ENVIRONMENT?

We strive to balance the impact of our operations on the environment while maintaining safe and reliable transmission service for our employees and customers. Some trees may need to be removed as part of the larger ring road development and weed control will be included under general maintenance. The relocated lines will be buried or located within the TUC and road right-of-ways, reducing the potential for increased environmental impact.

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Your personal information is collected and will be protected under AltaLink's Privacy Policy and the Freedom of Information and Protection of Privacy Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to the Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.



Southwest Calgary Ring Road Project

A land transfer agreement was reached on November 27, 2013 between Tsuu T'ina Nation and the Province of Alberta. Completed in May 2015, this agreement allows for the completion of the Southwest Calgary Ring Road Project, which will extend from east of 69 Street Southwest on Glenmore Trail/Highway 8 south to Macleod Trail. For more information on the project, please visit www.sw-crr.ca.

Anticipated project schedule

Notify and consult with stakeholders	Spring-Summer 2015
File application with Alberta Utilities Commission (AUC)	Fall 2015
Start construction if project is approved	Winter 2016
Complete construction	Summer 2018

Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information as the project progresses.

CONTACT US

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll-free)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/regionalprojects

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903 (toll-free by dialing 310-0000 before the number)

E-mail: consumer-relations@auc.ab.ca

To learn more about the Southwest Calgary Ring Road Project, please contact:

ALBERTA TRANSPORTATION

780-427-2731 (toll-free by dialing 310-0000 before the number)

E-mail: email@sw-crr.ca



2611 - 3rd Avenue SE
Calgary, Alberta T2A 7W7