

# Electric system improvements near you. 113L Transmission Line Rebuild

You are receiving this newsletter because you are near the 113L Transmission Line Rebuild project and we want your input.

AltaLink's existing 113L **transmission** line was constructed in 1953. We are proposing to rebuild portions of this line to ensure that a safe and reliable supply of power is available for years to come.

We are providing you with:

- project details
- maps of the proposed project
- information about how you can provide your input
- the project schedule

AltaLink's transmission system efficiently delivers electricity to 85 per cent of Albertans. Dedicated to meeting the growing need for electricity, AltaLink connects Albertans to renewable, reliable and low-cost power. With a commitment to community and environment, AltaLink is ensuring the transmission system will support Albertans' quality of life for years to come. Learn more at www.altalink.ca.

February 2020

#### DEFINITION:

#### Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to your community, where power is used. Transmission lines transport large amounts of power over long distances from power plants across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

# CONTACT US

1-877-267-1453 stakeholderrelations@altalink.ca www.altalink.ca/projects









Existing Underground

Transmission Line



Water Body

Left: Single circuit H-frame Right: Single circuit monopole

*The new structures will look similar to the structures pictured above.* 

## Project details

The existing 138 kilovolt (kV) 113L transmission line has reached the end of its lifecycle and is to be replaced as part of AltaLink's ongoing maintenance program. We do not anticipate any disruption of power to residents while the transmission line is being rebuilt.

We are proposing to rebuild approximately 23 kilometres of the overhead portion of 113L line that runs from the Spray Substation through the Town of Canmore, the Municipal District of Bighorn, the Kananaskis Improvement District, and the Bow Valley Provincial Park to the Kananaskis River. The existing line will be salvaged and the rebuilt line is proposed to be constructed on the same alignment. The rebuilt line will be planned and constructed to meet current safety and reliability standards.

Approximately four kilometres of the 113L line is located underground through the Three Sisters community. This underground section of the line will not be changed as part of this rebuild. Please refer to the map included in this package to see the location of the proposed rebuild.

#### Proposed structures

The existing 113L transmission structures are primarily single circuit wooden H-frames that are approximately 15-20 metres tall. Some of the existing structures are on angles and consist of three wooden poles and guy wires. Structures that have been replaced within the last 15 years may be retained.

For the new structures we are proposing either H-frame or monopole structures. The structures will depend on the existing width of the rightof-way, adjacent vegetation, and information gathered through detailed engineering. Proposed structures on angles will look similar to the existing angle structures. An overhead shield wire will be installed on the rebuilt line.

## DEFINITION:

#### **Right-of-way**

A right-of-way (ROW) is a strip of land required for the construction, maintenance and safe operation of a transmission line. A ROW refers to the physical space in which a transmission line is located and includes areas on either side of the transmission line structures and the conductors, which are the wires that carry the electricity.





#### Right-of-way, access trails and construction workspace

On the enclosed maps we have included the existing right-of-way, required access trails and construction workspace along the proposed rebuild. Where possible we've tried to use existing trails, avoid residences, wetland areas and reduce agricultural and other potential impacts. If you are aware of features that we haven't identified please let us know. The majority of the existing ROW is expected to be of sufficient width to meet the needs of the rebuild, however additional right-of-way and vegetation control easements may be requested, subject to detailed engineering.

#### Access trails

Access trails are required in areas where access may be limited for a number of reasons, including steep terrain, wetlands or lack of access directly to the right-of-way. Typically, an access trail is approximately eight metres wide, but this width may vary depending on the terrain.

Where possible, the use of existing trails has been identified. Permanent access agreements will be requested for off-right-of-way access trails that are required for construction and for future line maintenance.

## Construction workspace

Workspace, in addition to the transmission line right-of-way, is required for the safe construction of the transmission line. The requirements for this workspace vary depending on the location. AltaLink may also need construction workspace areas up to 100 metres long for stringing behind some corner structures.

Construction workspace, including potential stringing areas or laydown yards, are shown on the strip mosaic maps (labeled as laydown yards) included in this package. AltaLink will consult with all affected landowners regarding potential construction workspace and access trails.

## Providing your input

Stakeholder input is important to us. We will contact landowners, residents and occupants near the proposed transmission line project to gather input and address questions or concerns.

After the consultation process is complete we will file an application with the Alberta Utilities Commission (AUC). The AUC will review the application through a process in which stakeholders can participate. 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*.

# Anticipated project schedule

Notify and consult with stakeholders	Winter – Fall 2020
File application with Alberta Utilities Commission (AUC)	Fall 2020
Start construction if project is approved	Spring 2021
Construction completed	Winter 2022

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



# Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very seriously. Everyone in our society is exposed to EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

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. If you have any questions about EMF please contact us.

Website: <u>www.altalink.ca/emf</u> Email: <u>emfdialogue@altalink.ca</u> Toll-free phone number: 1 -866-451-7817

#### 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/projects

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

The Alberta Utilities Commission (AUC) ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

#### PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and Alberta's Personal Information Protection Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to 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.

# INCLUDED IN THIS INFORMATION PACKAGE:

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

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- 2) Search for the project title
- 3) Click Subscribe to Updates

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