



August 2020

Electric system improvements near you

Update: 113L Transmission Line Rebuild

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.

You are receiving this newsletter because you are near the 113L **Transmission** Line Rebuild and we want to provide you with a project update.

Thank you for your participation in this project, your input is important to us. We began consulting with stakeholders on this proposed project in February 2020. Throughout our consultation process we've received valuable feedback that has helped us in our project planning.

We are providing you with:

- updated project details
- maps of the proposed project
- updated structure types
- updated project schedule

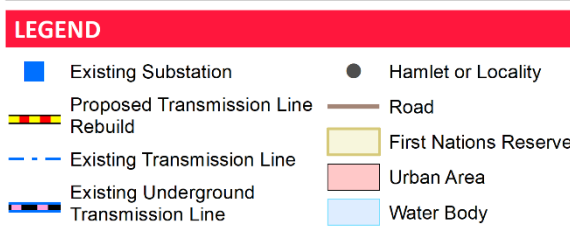
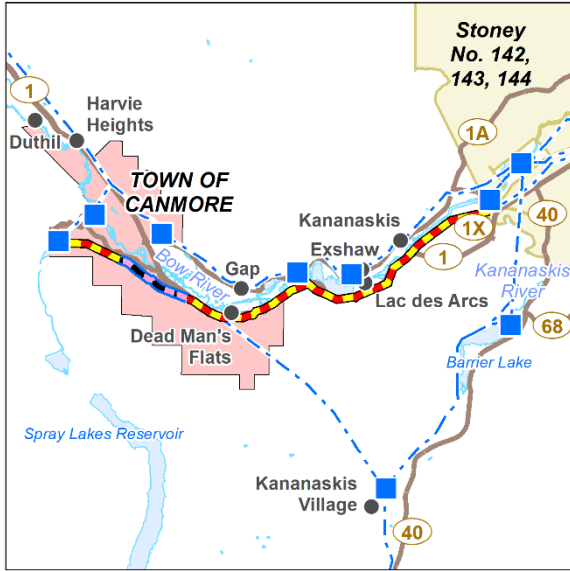
DEFINITION:

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



Project details

The existing 138 kilovolt (kV) 113L transmission line has reached the end of its lifecycle and is proposed to be replaced as part of AltaLink's ongoing maintenance program. The rebuilt transmission line will reduce safety risks and ensure a reliable supply of power is available for years to come.

If approved, the project involves rebuilding approximately 23 kilometres of the overhead portion of the 113L line that runs from the Spray Substation 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, and we do not anticipate any disruption of power to residents while the transmission line is being rebuilt.

Please refer to the map included in this package to see the location of the proposed rebuild.

Update – Vegetation Management

Based on further engineering, AltaLink has determined that in certain locations on Crown land we will require a Vegetation Control Easement (VCE). The VCE allows AltaLink to selectively remove **danger trees** and **hazard trees** up to a distance of approximately 15 metres from the edge of right-of-way. The removal of trees is intended to reduce the number of outages and the potential fire hazard that could result from tree contacts with the line. We will contact affected stakeholders to discuss which trees may need to be removed.

Update – Proposed Structure types

Based on the information gathered, we have selected weathered steel monopole structures for the majority of the proposed rebuild for the following reasons:

- Monopole structures allow for the opportunity to rebuild the line within the existing right-of-way
- Greater stakeholder preference for weathered steel structures over galvanised steel structures

In select locations, we may rebuild or reuse H-frame and guyed three pole structures. The section of 113L adjacent to the Peaks of Grassi neighbourhood will continue to use H-frame wood pole structures to maintain existing structure locations. The new H-frames will be of similar design, and 2-6 metres taller in height than the existing structures.



Left: Example of a weathered steel monopole structure.
Right: Example of an H-frame structure.

DEFINITION:

Danger trees

A danger tree is a healthy tree that is tall enough to have the potential to fall and make contact with the line.

Hazard trees

A hazard tree is a defective tree that is an imminent risk of falling on the line.

Update - Right-of-way

Based on further engineering, AltaLink has determined we will require a wider right-of-way for sections of the line with H-frame structures and longer spans to ensure that safe electrical clearances are maintained from the line. The proposed right-of-way boundary with permanent guy boxes is identified on the strip mosaic maps included in this package.

On the enclosed maps we have included the proposed right-of-way, required access trails and construction workspace along the proposed rebuild. Where possible we've tried to use existing trails that avoid steep ground, wet areas and other potential impacts. If you are aware of features that we haven't identified, please let us know.

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 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

At this time we are limiting in-person meetings and will be conducting the majority of meetings via telephone or electronic methods. If you'd like to provide input, you can also do so through our online feedback portal, found here: www.altalink.ca/projectfeedback. As the situation regarding COVID-19 changes we will re-assess this approach. We will update you as the situation evolves. Our focus is ensuring the lights stay on, and that you have the electricity you need.

AltaLink is committed to sharing information about its projects and working with the public to gather and respond to stakeholder input and concerns. A summary of stakeholder comments will be incorporated into the application we submit to the Alberta Utilities Commission (AUC).

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process*.

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 may have concerns about exposure to EMF and we take those concerns seriously.

Everyone in our society is exposed to power frequency 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 (WHO) have been conducting and reviewing research on exposure to EMF for more than 40 years. Based on this research, these agencies have not recommended that the general public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines, including individuals that are located on the edge of a power line right-of-way.

If you have any questions about EMF please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

Toll-free phone number: 1-866-451-7817

Keeping the lights on during COVID-19

AltaLink is closely monitoring the spread of COVID-19. Our priority is maintaining the health and safety of our employees, contractors, and the general public while ensuring that we can continue to operate our system and keep the lights on for Albertans.

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

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the 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
- COVID-19 information
- AUC brochure: *Participating in the AUC's independent review process*

SUBSCRIBE TO THIS PROJECT

- 1) Visit: altalink.ca/projects
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