

DECEMBER 2024

150L Transmission Line Rebuild

Transmission line construction in your area

You are receiving this newsletter because you are near the 150L Transmission Line Rebuild, and we want to provide you with an update about upcoming construction activities.

AltaLink has completed its construction preparation activities and will begin transmission line construction in January 2025. This work is anticipated to be complete in June 2025.

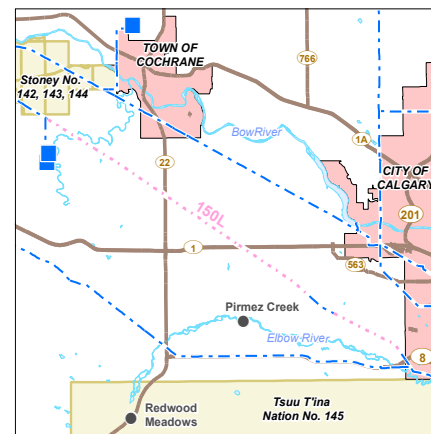
Project background

Built in 1956, AltaLink's existing 150L transmission line has reached the end of its lifecycle and will be rebuilt to ensure a reliable supply of power is available for years to come. The line runs from the west end of Calgary to the Stoney Nakoda Reserve in Rocky View County.

The rebuild includes:

- rebuilding 27 kilometres of 138 kilovolt transmission line
- replacing the existing wooden H-frame structures with primarily steel monopole structures. Wood structures may be used in certain locations.
- removing and salvaging the existing transmission line

While this newsletter outlines AltaLink's plans for the construction period as accurately as possible, construction activities are subject to change based on the availability of materials and crews, weather and progress made. We will continue to provide you with updated schedule information if required as the progress progresses.



LEGEND	
Existing Substation	Road
Approved Transmission Line Rebuild	First Nations Reserve
Existing Transmission Line	Urban Area
Hamlet or Locality	Water Body



The new structures will look similar to the photo above.



Above: AltaLink will excavate and install transmission structure foundations.



Above: Structure bases are then attached to the foundations.



Above: AltaLink will assemble and erect steel pole structures.



Above: Once structures are erected, transmission line wire, called conductor, can be strung.

Upcoming construction activities

Transmission line construction will focus on the following activities:

- **Structure foundation preparation and installation:** AltaLink may install transmission structure foundations prior to assembling and raising steel monopole structures. Generally, excavation will be required to install foundations. The structures will be directly installed into the ground where soil conditions allow. Foundation casings may be installed otherwise.
- **Steel pole assembly and erection:** Next, AltaLink will assemble and erect steel pole structures. Cranes are typically used to raise the upper sections of the poles onto the bases. Crews then secure the sections together.
- **Wire stringing:** Once structures are erected, transmission line wire (called conductor) can be strung. AltaLink typically uses cranes, bucket trucks, digger trucks, pullers/tensioners, and other various equipment to string conductor.
- **Removal and salvage of existing line:** The existing transmission line will be salvaged concurrently with the construction of the new transmission line.

All work will take place on lands where AltaLink has:

- Acquired a right-of-way agreement or a right-of-entry order
- Received municipal approval to work within road allowance
- Acquired temporary workspace for construction purposes

What to expect during construction

In addition to the transmission line construction activities listed, depending on where you are in relation to the project, you may see or hear:

- Right-of-way preparation which may include snow clearing, minor brushing, matting, survey staking and other related activities
- Noise, construction equipment, construction crews and increased traffic
- Ongoing land reclamation

Traffic accommodations

To accommodate activities like equipment being transported to and from site, there may be periodic speed reductions and lane closures on nearby township roads and range roads. During wire stringing in Spring 2025, there will be speed reductions on HWY 1 and HWY 22.

These interruptions will be brief and intermittent. Traffic control measures and signage will be in place to ensure public safety. Vehicles will be allowed to pass as soon as it is safe.

Contact us

To learn more about the approved project, please contact:

ALTALINK

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

Email: stakeholderrelations@altalink.ca

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