

City of Edmonton Transmission Reinforcement Project

UPDATE ON THE PROPOSED 240 kV ROUTE OPTIONS

September 2024

EPCOR is planning new transmission power lines and a new substation to replace aging infrastructure and meet an increased demand for power in northeast Edmonton. Part of the planning process involves considering various factors to find viable route options with the lowest overall impact.

In April 2024, we sent out information that included above ground route options and an underground route option for the double circuit 240 kV transmission line. **Since that time, we have developed three “hybrid route” options that combine both above and underground segments.** These three hybrid options are being considered along with the above ground route that runs along the south side of Yellowhead Trail and the full underground route on the north side of Yellowhead Trail.

The **five route options** that are currently under consideration are shown in the maps on the next page.

NEXT STEPS FOR PUBLIC ENGAGEMENT

If you would like to provide feedback or update the feedback you have already provided, please contact us before **October 31, 2024.**

Factors such as feedback, cost, constructability, and the environment will be used to identify preferred and alternate routes to propose to the Alberta Utilities Commission. If the Alberta Utilities Commission approves this project, they will also decide which route will be built.

CONTACT US

We want to hear your feedback on these change route options.

Your feedback is an important part of our planning process:

Phone: 780-412-8800

Email: CETR@epcor.com

Website: epcor.com/cetr

Mail

A feedback form and postage-paid envelope is included for you to mail back your feedback.

Online

Fill out our online feedback form on our website at epcor.com/cetr



Scan the QR code to visit the project website.
epcor.com/cetr

FIVE ROUTES UNDER REVIEW

Previously proposed routes

In April we presented route options for the proposed 240 kV transmission line that included above ground routes and an underground route. We are no longer considering the entire above ground route segments on the north side of Yellowhead Trail (N1 and N2) due to technical constraints.

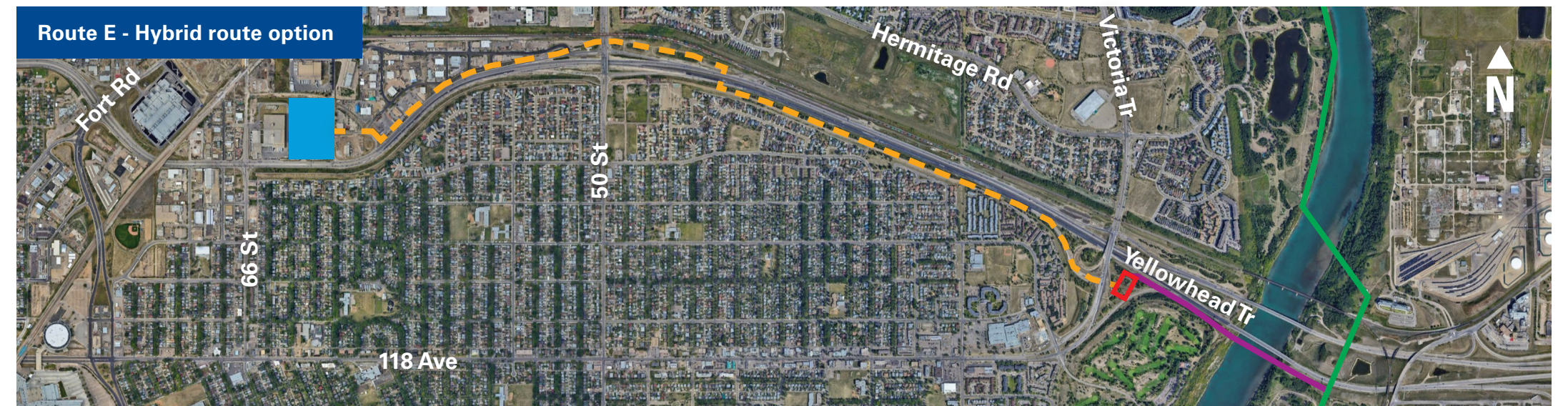
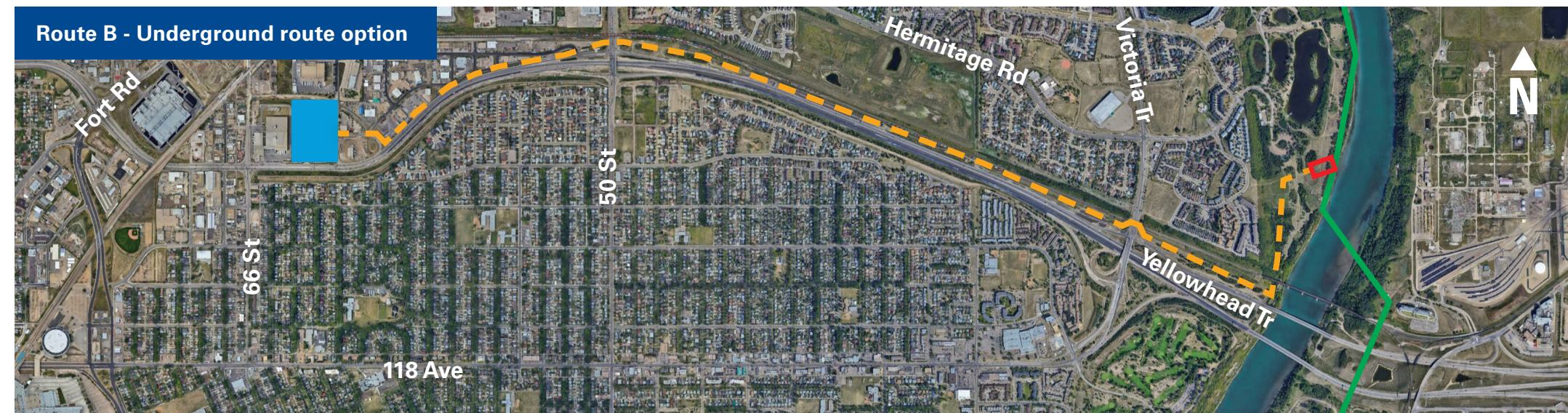
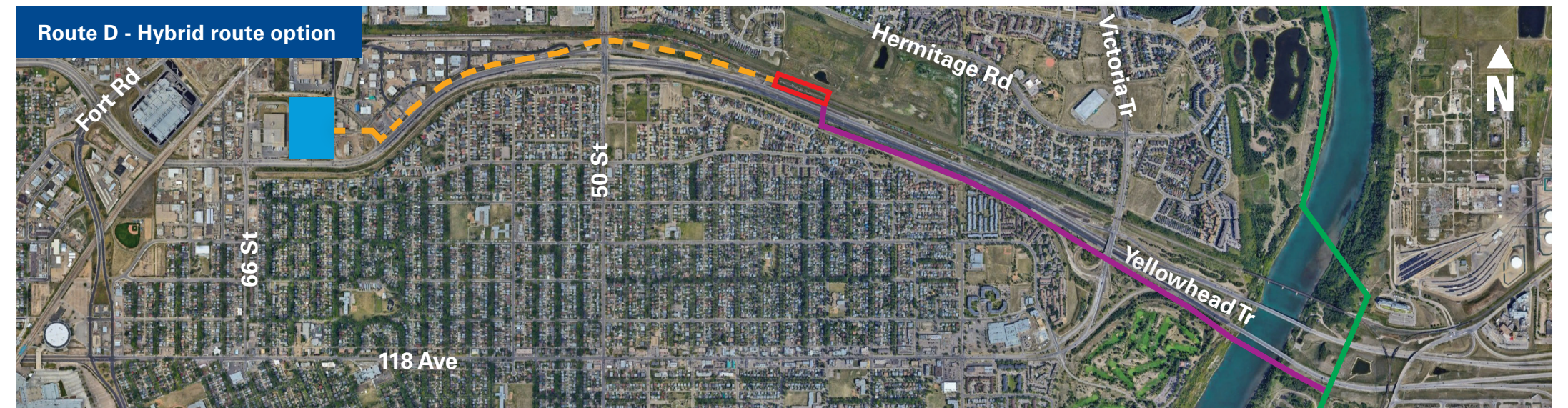
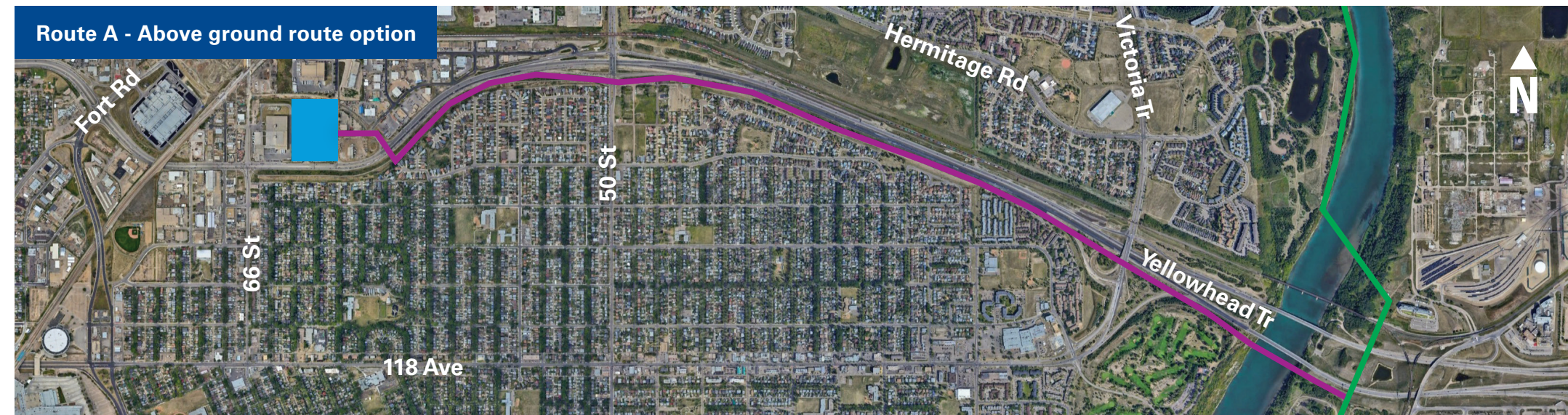
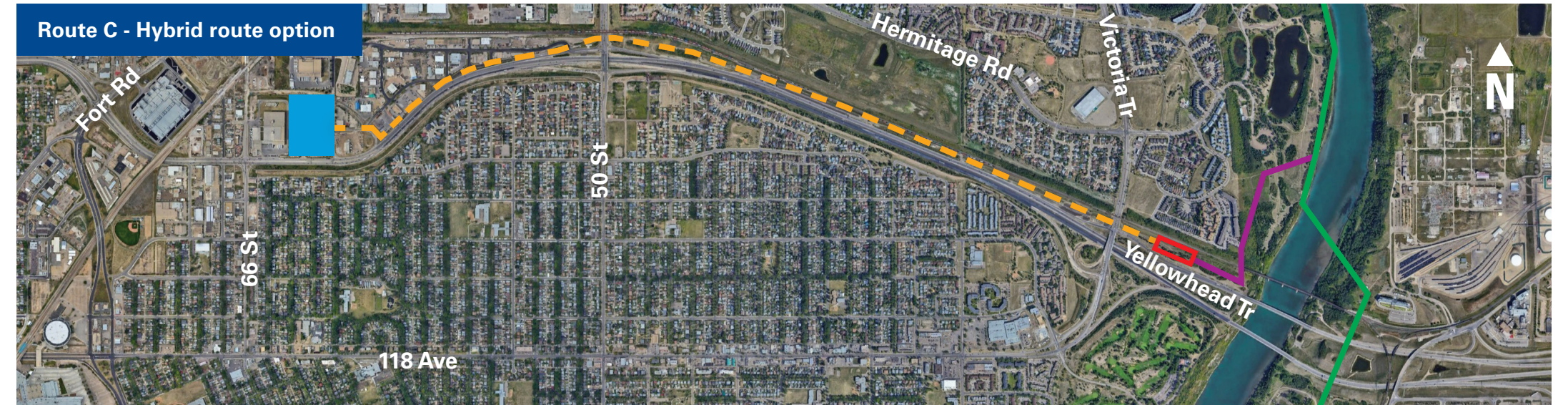
The maps below show the 240 kV above ground route and underground route that are still under consideration. There are no changes to the 72 kV routes or the proposed substation shared in the April 2024 notice.

Hybrid Route Options

Three 240 kV hybrid route options were developed to balance factors such as feedback, cost, technical constraints and the environment. These routes generally follow the same path along the Yellowhead Trail corridor that we showed in April 2024, combining sections from both the underground and above ground route options. **Two structures would be required to transition the line from underground to above ground.** The red boxes on the map show approximately where these structures would be located for each route option.

There are five 240kV transmission line route options under consideration, but only one route will be built if this project is approved by the Alberta Utilities Commission.

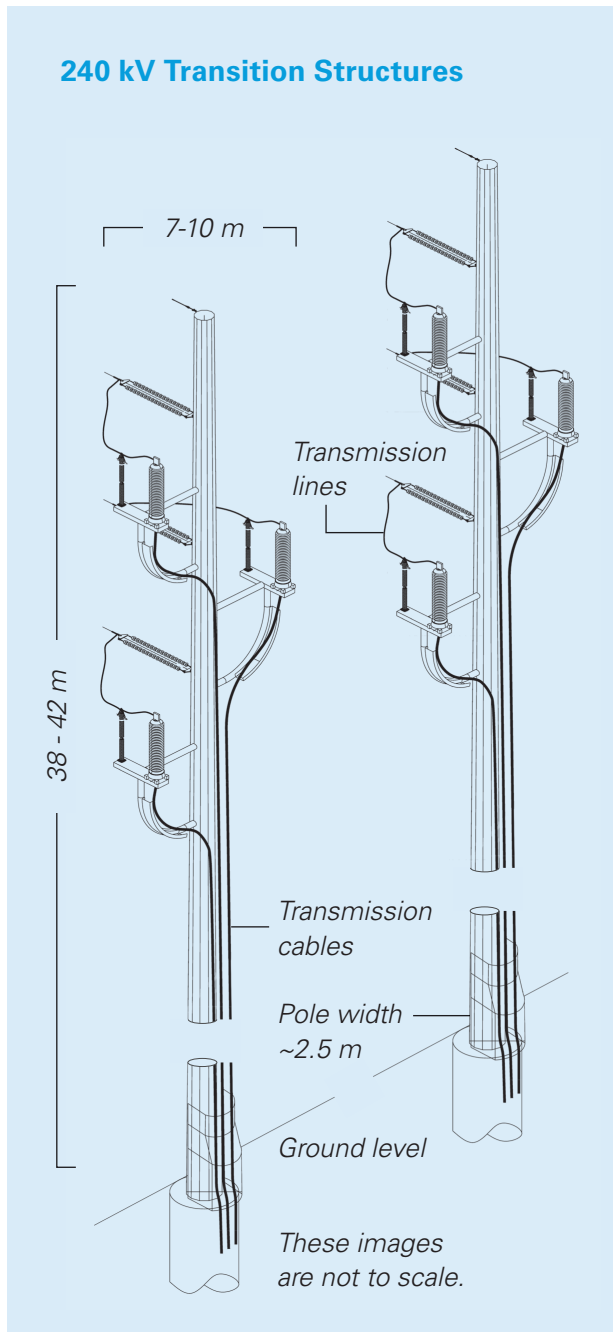
LEGEND	
	Above Ground Transmission Line
	Underground Transmission Line
	Two (2) Transition Structures
	Proposed New Substation
	Existing 240 kV AltaLink Transmission Line



240 kV TRANSITION STRUCTURES

If a hybrid or underground route is selected, two structures will be used to transition the transmission line from underground to above ground and will be approximately 38-42 metres tall and 7-10 metres wide.

The red boxes on the map show approximately where these structures would be located for each route option. The typical structures required for the above ground transmission line remain the same as shown in the April 2024 project notice. Images of the structures can be found on our website.



ALBERTA UTILITIES COMMISSION (AUC)

Alberta's electric system is regulated by the AUC. The AUC is an independent quasi-judicial agency that ensures the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public's interest. The AUC must approve this project before EPCOR can begin construction. For more information about how you can participate in the process, please refer to the AUC's brochure included in this package entitled *Participating in the AUC's independent review process to consider facility applications* or visit the AUC website.

Contact the AUC

Toll-free: 1-833-511-4282

Phone: 310-4282

Website: www.auc.ab.ca

SCHEDULE

- January 2023 - Project initiation
- April 2024 – Project update
- September 2024 – Project update **WE ARE HERE**
- **October 31, 2024 – Deadline to provide feedback***
- Winter 2024 – EPCOR will submit its application to the AUC
- Fall 2025 – If approved, construction will begin
- 2028 – Transmission facilities built and operating

*EPCOR would like to include your feedback in our Facility Application to the Alberta Utilities Commission and can do so if received by October 31, 2024. You can still provide feedback to EPCOR after this date.



EPCOR respects your privacy. Any personal information we collect about you, including your name, address, phone number, and e-mail address will only be used in regards to EPCOR projects, including electricity transmission and distribution, natural gas, water and drainage. For more information on EPCOR's Privacy Policy, please visit epcor.com. If you would like to opt out, please contact us at (780) 412-8800 or CETR@epcor.com