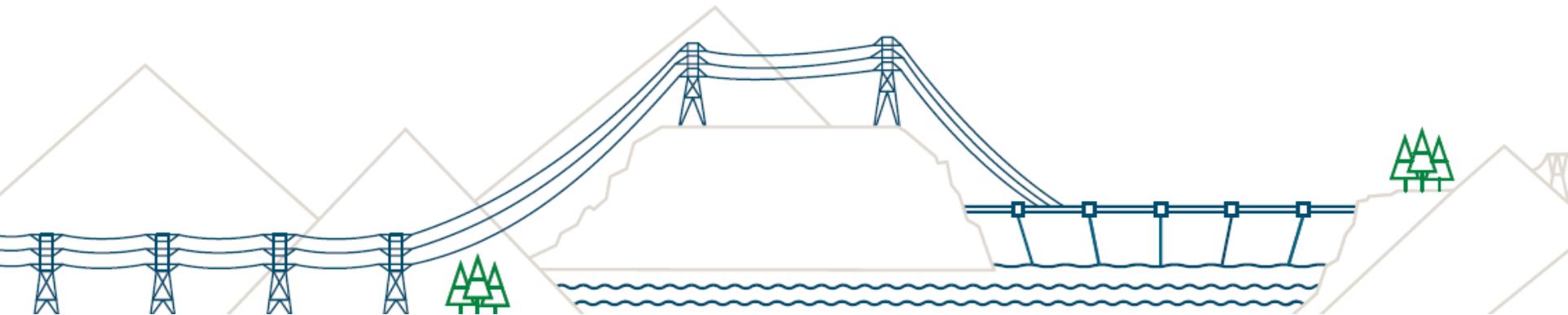


West Kelowna Transmission Project update

December 8, 2020

City of West Kelowna



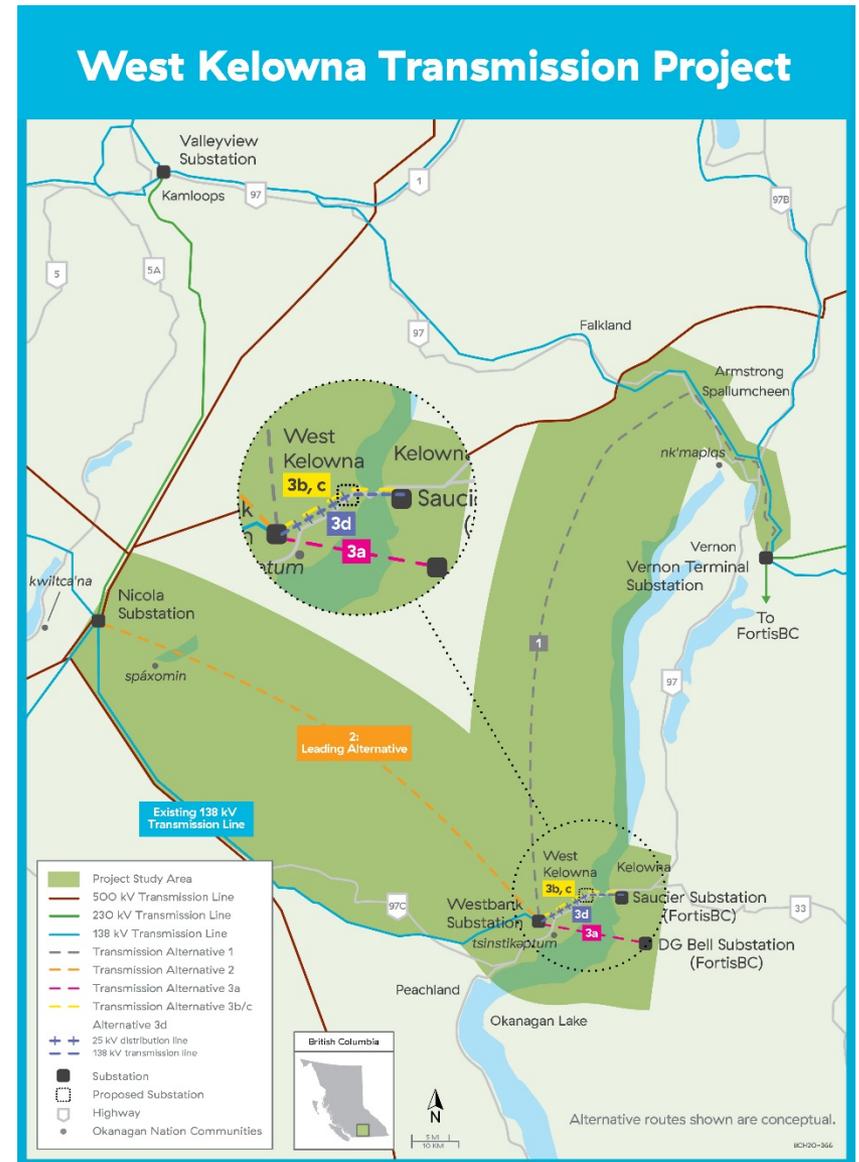
Rachelle Trent, Project Manager
Sarah McKinney, Stakeholder Engagement Lead

Agenda

- Introductions
- Alternatives review
- Recap of 2020 activities
- Next steps
- Timeline moving forward
- Questions

Project alternatives

- Project goal: to provide electrical supply redundancy to the communities served by Westbank Substation.
- Resiliency is not being studied at this time.
- Alternative 2 remains the leading alternative.
- Studying new alternative, 3d, to Saucier Substation in Kelowna.



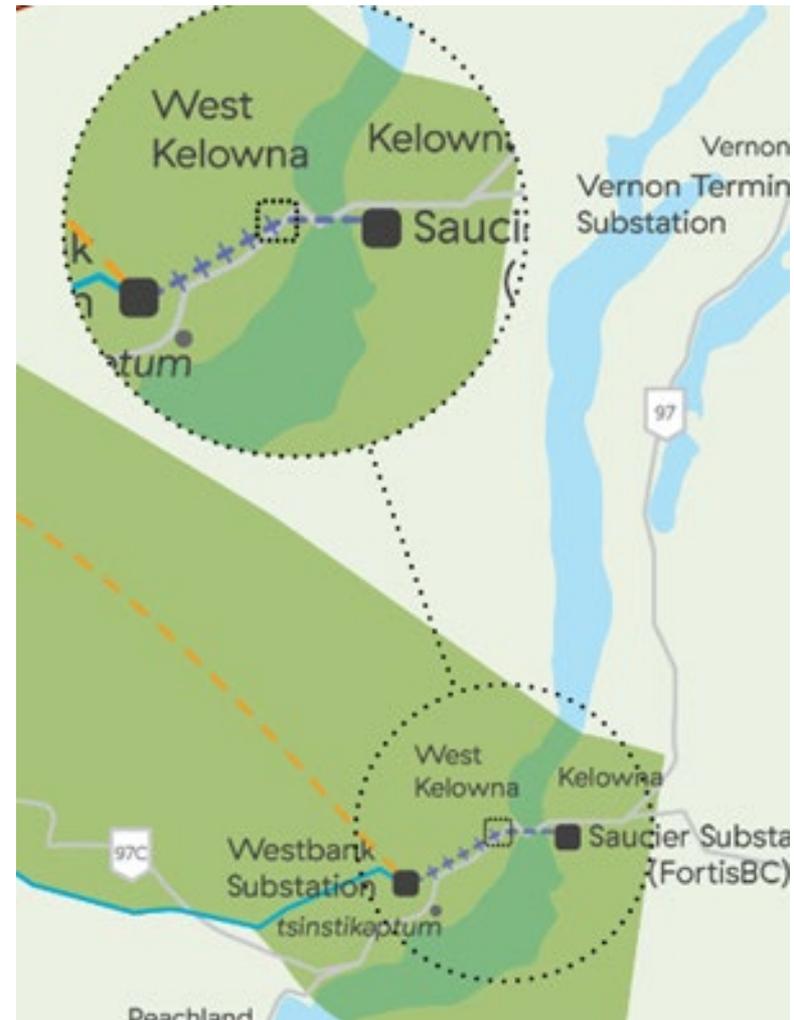
Alternative 2

- Involves building a new transmission line from the Westbank Substation to the Nicola Substation using a different route than the existing transmission line.
- Alternative 2 currently remains the leading alternative for the project.



Alternative 3d

- Similar to previous FortisBC alternatives except it uses distribution rather than transmission connections.
- Alternative 3d would include:
 - **A new BC Hydro above-ground substation** within Westbank First Nation or the City of West Kelowna.
 - **New BC Hydro underground and submarine transmission cables** crossing Okanagan Lake to FortisBC's Saucier Substation.
 - **New underground BC Hydro distribution cables** from Westbank Substation to the new substation.



2020 in review

Work this past year has focused on studying Alternative 3d.

- We're working towards a design and cost estimate for Alternative 3d conceptual design.
- Several tasks were completed in 2020 to support this:
 - Engagement with FortisBC.
 - Engagement with Westbank First Nation.
 - Engagement with City of Kelowna staff.
 - Conceptual-level desktop Environmental and Archeological Assessments.

Next steps in early 2021

Task	Timeframe
Engagement and collaboration with First Nations	Ongoing
Online public consultation	Early 2021
Share our structured decision making	Early 2021
Confirm leading alternative	Early 2021

Timeline

Task	Timeframe
Feasibility design phase: <ul style="list-style-type: none"> Update cost estimate to +50%/-15%. Feasibility level design. Field studies as required. 	Initiate in mid-2021.
Definition phase: <ul style="list-style-type: none"> Update cost estimate to +15%/-10%. Detailed design. Focused field studies as required. 	<i>Timing to be updated once preferred alternative selected.</i>
Certificate of Public Convenience and Necessity (CPCN) <ul style="list-style-type: none"> Prepare application (6 months). Review/approval process by BCUC (12 months). 	<i>Timing to be updated once preferred alternative selected.</i>
Implementation phase – construction begins.	<i>Timing to be updated once preferred alternative selected.</i>

First Nations consultation and stakeholder engagement will be ongoing throughout all stages of the project.

Discussion and questions