

**NOTES**

AltaLink is proposing two options for the buried fibre optic cable due to other pending transmission projects in the area.

Option 1: The potential underground fibre optic cable will run north and east from the Colony 685S Substation in AltaLink transmission line rights-of-way to Range Road 303. The potential underground fibre optic cable will run north in road allowance for Range Road 303 and Township Road 70, ending at an existing buried fibre optic cable on the north side of Highway 3.

Option 2: The fibre optic cable will run north from Colony 685S substation to the 185L/412L where it will connect to a communications cable on the transmission line. In this case a short segment of underground fibre optic cable will be required on AltaLink rights-of-way at the Pincher Creek Substation.

For the 412AL transmission line, AltaLink requires a right-of-way of approximately 40 x 100m north of the 412L transmission line and 30 x 70m south of the 412L transmission line.

In order to complete construction and for the potential temporary transmission line, AltaLink requires temporary workspace of approximately:

- 40 x 555m north of the 412L
- 30 x 555m south of the 185L
- 20 x 70m on both sides of the proposed 412AL right-of-way

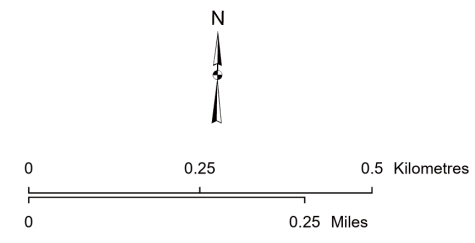
**LEGEND**

● Proposed Structure Replacement	▭ Proposed Customer Substation	▭ Urban Area
■ Existing Substation	▭ Temporary Workspace	▭ Water Body
— Proposed 412AL Transmission Line	● Hamlet or Locality	
— Potential Temporary Transmission Line	■ Residence	
— Potential Underground Fibre Optic Cable	— Railway	
--- Existing Transmission Line	— Road	
— Proposed Right of Way Boundary	▭ Airport	

**OTHER ALTALINK PROJECTS**

- ▭ Proposed Transmission Line Rebuild
- ▭ Proposed Salvage of Existing Transmission Line

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DETAIL PHOTO **DP1**

**PROPOSED**  
 Sunrise Solar Connection Project

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