











Canada is a big place!

• 9,984,670 km²

Trans-Canada Highway

- Victoria, British Columbia to St. John's, Newfoundland:
 - 7,120.7 km
 - ~78 hrs driving



Source: www.tc.canada.ca

A Brief History (TCH corridor)

Indigenous peoples have lived here since before recorded history

- Rogers Pass spans the overlapping and unceded territories of many culturally diverse Indigenous groups.
- We work with the Ktunaxa, Secwepemc, Sinixt and syilx/Okanagan

Secwépemc



Skwlāx te Secwepemcúľecw







Neskonlith



Shuswap



Ktunaxa



Yaqit ?a·knuqti 'it **Tobacco Plains**



?aq'am St. Mary's



Yagan Nukiy **Lower Kootenay**



Akisq'nuk

Syilx



Okanagan IB



Westbank FN

Sinixt

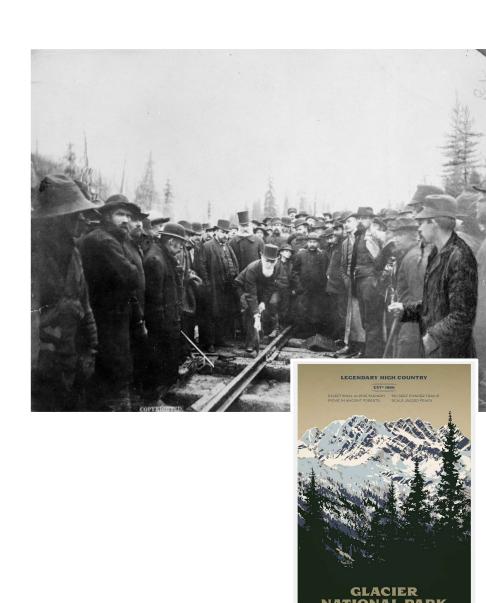


Offices in Nelson Based in Inchelium, Washington (USA)

Canada: East meets West

In subsequent colonial history:

- In 1860s, Canada as a young nation, promises to connect west with east if BC will join Confederation
- Biggest challenge: building a transcontinental railway
- Canadian Pacific Railway completes the "all-Canadian railway" on November 7, 1885
- Glacier National Park established in 1886



History- Canadian Pacific Railway

- 1885-1911 over 200 fatalities resulting from avalanches on CP rail line
 - March 4,1910 avalanche killed 58 men
 - Still Canada's worst avalanche disaster
- Only mitigation available to them was route selection and static defenses
- CP acknowledged risk and began building tunnels under Rogers Pass, abandoning riskiest sections





V.g. Yeller

PLANNING AVALANCHE DEFENCE WORKS
FOR THE TRANS-CANADA HIGHWAY AT
ROGERS PASS, B. C.

By
P. A. SCHAERER



History-TCH

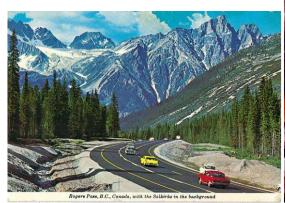
- Post-WWII boom in automotive use
- Late 1940's construction of TCH approved with route through Rogers Pass selected
 - Road alignment often following former railway line
- 1952 avalanche and snow studies began
 - Collected data and developed the avalanche warning system
 - Very innovative and progressive for its time and many mitigations are still effective today!





History-TCH

- 1961 partnership with Department of National Defence commenced and continues to this day
 - Tested various tools and the 105mm howitzer was found to be most effective
- 1962- final section through Rogers Pass is completed officially opening the TCH









Rogers Pass National Historic Site

Rogers Pass designated a National Historic Site in 1971 to commemorate:

- the early route- finding, building and operation of the Canadian Pacific Railway's main line between 1881 and 1917
- the construction of the Trans-Canada Highway
- the pass' pivotal role in connecting Canada as a nation.



TCH still a part of the Canadian Identity

Globe and Mail, 7-part series, final article July 26, 2023

