

# Route Selection & Corridor Studies

Route selection is about finding the optimal balance between environmental considerations, good engineering practice and economics.

We have the research skills, technical alliances and practical ability to foresee project consequences associated with different routings and determine viable, responsible solutions that can expedite the approval process.



**Inukshuk Planning & Development LTD.**

207 Elliott Street  
Whitehorse, Yukon Y1A 2A1  
Phone: (867) 667-4759  
Fax: (867) 667-4020  
E-mail: [info@inukshukplanning.ca](mailto:info@inukshukplanning.ca)

[www.inukshukplanning.ca](http://www.inukshukplanning.ca)

## Swan Hills – Cold Lake, AB Railway Feasibility Study

The challenge was to determine whether a privately owned railway could be built to provide coal for a steam generating plant at Cold Lake for tertiary oil recovery. An initial assessment was required in a week. A route was identified, the approvals and environmental assessment requirements determined, and the results presented to senior management by the deadline.

*Client: Esso Resources Canada*



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## Western Alberta Pipeline Corridor

The firm's principal was hired to resolve route selection and easement rights problems. An alternate route using an abandoned rail right-of-way was found, saving the client 6 months time and cutting the need for private property easements by 75%. Net cost saving exceeded \$1M.

## Alaska Highway & Dempster Lateral Pipeline Studies

We evaluated land use impacts of corridor alternatives in the Whitehorse and Dawson City regions. Work required integrated resource analysis including a review of mining claims, current land status, trapline activity, wildlife habitat and related data.

*Client: Foothills Pipeline (Yukon) Ltd.*