



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
BRITISH COLUMBIA

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2018 AWARDS FOR ENGINEERING EXCELLENCE

Award of Excellence Inuvik Tuktoyaktuk Highway



Consultant

Tetra Tech Canada Inc. and Stantec

Owner/Client

Government of the Northwest Territories

Category

Transportation and Bridges

The Inuvik Tuktoyaktuk Highway was opened to the public in the fall of 2017. It connects the communities of Inuvik and Tuktoyaktuk, and with this final link complete, Canada's highway system connects the Arctic Ocean to the rest of the Canada. This unique project fulfills a strategic mandate that the Government of the Northwest Territories and the Government of Canada have held since the 1960s.

This historic project involved placing over 3 million cubic metres of embankment material, constructing 8 bridges, and installing over 300 culverts. This is the first public highway in Canada constructed in a thaw sensitive continuous permafrost environment. The design and construction of this project involved numerous innovative approaches to ensure a cost effective, resilient infrastructure.

Tetra Tech and Stantec, through their indigenous partner companies Kiggiak-EBA and Kavik-Stantec, were involved in this project from 2009 to 2017. Tetra Tech led the Geotechnical engineering and Construction Quality Control services, and Stantec led the Environmental and Structural engineering aspect. All other elements were shared responsibilities. Our role on this project was comprehensive, we started with initial conceptual planning, prepared a construction-ready tender package, and continued through to quality control and engineering services during construction.

For more information, please contact:

Graham Wilkins, P.Eng.

Tetra Tech Canada Inc.

☎ (604) 685-0275

Graham.Wilkins@tetratech.com