

SAKHALIN ENERGY OPF ACCESS HIGHWAY

Project	Sakhalin Energy OPF Access Highway
Location	Sakhalin Island, Russia
Service	Construction Layout/ QA/QC
Process	Design/Build
Value	\$16.2M US
Status	Completed 2003

Sakhalin Island is located off the southeastern coast of Russia to the west of the disputed Kuril Islands on the Sea of Okhotsk (the Sea of the Hunter). The Sakhalin Energy Investment Company (SEIC) was a joint venture between Shell Oil and Russian business interests. SEIC was developing a \$22 Billion USD project to advance its natural gas pipeline/LNG processing and distribution facilities. The overall schedule of SEIC's projects was dependent on the extension of an existing forestry road.

FSC worked with a Russian construction company to improve an existing design for the proposed highway. The total length of the extension was over twenty kilometres. To meet the global scheduling of SEIC's projects this work had to be completed within an eight-month window. FSC was able to complete the redesign and cost estimates in less than two months.

The remote location and extreme climate of the project were nothing new for FSC's design engineers. To ensure that construction could proceed in winter months cold weather construction and QA/QC monitoring techniques were developed. With FSC's assistance the contractor was able to work 24 hours a day, seven days a week, in temperatures that routinely dipped to -35C with extremely heavy periods of snowfall.

Despite all of these challenges, the project was completed on schedule with less than six months required for construction. Follow up reports have indicated that the highway has performed admirably since it was commissioned. Please contact us to see how we can help you on your next project.

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