

PERSONAL PROFILE

John E. Larsen, Jr., P.E. Contract Manager

SUMMARY:

John is an Alaskan with over 25 years of engineering and construction experience. He grew up as a commercial fisherman in his hometown of King Cove. John has special expertise with cold regions engineering and has authored design criteria for civil and structural engineering facilities in the arctic. Working in rural Alaska for John is a natural as his Alaska Native heritage makes it easy for him to work with other Alaska Natives and to appreciate the special needs in developing their projects. John's technical strengths include an extensive knowledge of cold regions engineering, including the construction of roads, bridges, buildings and other structures on permafrost. John was the project manager for several highly successful projects that received awards for design excellence.

ARCHITECTURAL & BUILDING EXPERIENCE:

John has extensive experience with the design and construction of buildings in Alaska. He is intimately familiar with the design of energy efficient buildings that are suited to Alaska's climate. His buildings experience includes offices, clinics, medical facilities, community centers, housing, schools, solid waste transfer facilities, fish plants and heavy equipment storage garages.

CIVIL & STRUCTURAL EXPERIENCE:

John has extensive experience with cold regions design for roads and drainage structures as well as structural design. He has worked with many different types of foundation designs for buildings and structures on permafrost. He has been the project engineer or manager for the construction and design of extensive road, causeway, buildings, oilfield modules, bridges and dock work in the Arctic. The first project undertaken and completed by our firm was a concrete and steel dock including uplands development at Egegik, Alaska. John was the primary designer and project manager. John designed a causeway construction and ice removal process to rescue barges laden with oilfield modules and caught in the ice in 1975. This success of this project was responsible for avoiding a 1-year delay in the startup of the Prudhoe Bay oilfield. John was the author of the civil and structural design criteria and specifications for the Kuparuk Oilfield. Since then, John has worked on the design of many roads, subdivisions and site development projects.

PROFESSIONAL REGISTRATION:

Civil Engineer, AK, 1993
CE-8614

EDUCATION:

Bachelor of Science in Civil
Engineering - Structural
Emphasis

University of Alaska
Fairbanks (UAF), 1974

PROFESSIONAL AFFILIATIONS:

American Indian Science &
Engineering Society

American Indian Council
for Architects & Engineers

American Society of Civil
Engineers

Construction Specifications
Institute

Native Alaskan Business &
Professional Society -
President

Pacific Northwest Aleut
Corporation - Former
President

The Aleut Corporation -
Former President

Aleut League - Former
Director

Alaska Federation of
Natives - Former Director

PUBLICATIONS:

"Pile Driving in the Arctic" -
Co-author with Alan
Christoferson, P.E.

HONORS & AWARDS:

Project Engineer, Kupark
River Bridge - Design
Award

Project Engineer, Oliktok
Point Dock - Design Award

Project Manager, Seward
Coal Transfer Facility -
Design Award