STGINCORPORATED.COM

STATEMENT OF QUALIFICATIONS

Building a sustainable Alaska

OUR MISSION

To support the sustainable development of rural Alaska through the delivery of superior construction services and management by providing the highest levels of professionalism, innovation, safety standards, and quality craftsmanship.

Above: Communication tower | Akiak *2004*

Below: Jim St. George at St. George Construction's first job site | Ambler *1992*

WE'VE DONE THIS FOR MORE THAN 20 YEARS

Jim and Sandy St. George started their namesake company, St. George Construction, in 1991 in the village of Kotzebue. Within five years, St. George Construction significantly expanded services, changed its name to STG Incorporated (STG), and moved central operations to Anchorage.

While executing heavy industry construction projects across Alaska, STG has supported infrastructure development in some of the most environmentally and logistically challenging sites in North America.

A CONTRACTOR YOU CAN RELY ON

Left: Piles for school foundation | Alakanuk *2011*

Great companies don't happen overnight. We've put a lot of years and sweat equity into honing our craft and building a reputation for quality. From humble beginnings as a husband-and-wife venture to our latest iteration as an Alaska Native corporation-owned subsidiary, we've never forgetten where we came from and the clients, employees, and partners who got us here. We are an Alaskan company with an Alaskan workforce, and together with our clients, we work to build a sustainable Alaska.

Jim St. George, President

LET'S DO THIS TOGETHER

For nearly 25 years, STG has taken great pride in delivering valuable services to improve the quality of life for all Alaskans.

Executing heavy construction across Alaska presents a unique set of challenges that has helped us develop qualifications that support high levels of performance while executing remote projects.

STG enjoys the challenge of Arctic, rural, and urban infrastructure development and takes satisfaction in getting the job done and doing it well.

We view our clients as partners and consider the members of communities where we operate as neighbors. Together, we work to build sustainable infrastructure that reduces energy costs, supports rural and urban Alaska systems, and delivers 21st century technology to Alaskans.

We're privileged to share our expertise across public, private, government, and non-profit sectors to provide invaluable construction services. We look forward to learning more about how we can put our abilities, passions, and skill sets to work for you.

Jim St. George
President


CALISTA CORPORATION
STG
Incorporated
Alaska
Crane Ltd.
TERRA
FOUNDATIONS

A PROUD CALISTA CORPORATION SUBSIDIARY

The region Calista Corporation calls home is no stranger to STG Incorporated. Over the years, shareholders in the Calista region have benefited from pile foundations driven for new schools and homes, communication towers installed to increase internet speeds, and wind turbines erected to ease the high cost of utilities.

STG Incorporated and its two subsidiaries Alaska Crane Ltd. and Terra Foundations LLC, joined the Calista Corporation in September 2013.

WHAT OUR CLIENTS ARE SAYING

At STG, we strive to provide the highest levels of professionalism, innovation, safety standards, and quality craftsmanship with each and every project. Here's a sample of appreciated remarks from some of our clients.

MEERA KOHLER · ALASKA VILLAGE ELECTRIC COOPERATIVE

STG has been responsive and innovative to our schedules and budgets. We can count on them to get the job done right.

SEAN HOLLAND · ALASKA DEPT. OF TRANSPORTATION

STG clearly understands the challenges of rural Alaska construction as demonstrated through their ability to deliver a final product, completed primarily during the severe winter weather conditions.

JERALD BROWN · BERING STRAITS NATIVE CORPORATION

STG's knowledge of rural Alaska systems along with their commitment to building a partnership with our organization also proved to be a strong asset in the overall success of the project.

RON BROWN · ALASKA ENERGY AUTHORITY

They [STG] worked well with the local community, providing jobs, and training to ensure a well constructed and commissioned project.

CLIENT SPOTLIGHT

GCI

AVEC ALASKA VILLAGE ELECTRIC COOPERATIVE

ALASKA ENERGY AUTHORITY

Hilcorp Alaska

ALASKA NATIVE TRIBAL HEALTH CONSORTIUM

US Army Corps of Engineers Alaska District

THE SEAL OF THE STATE OF ALASKA

United Utilities, Inc. United-KUC, Inc. A GCI Company

CLIENT SPOTLIGHT

Alaska Energy Authority (AEA)
Ahtna Government Services Corporation
Alaska Earthmovers
Alaska Gold / Nova Gold Resources
Alaska Interstate Construction (AIC)
Alaska Marine Lines
Alaska Mechanical, Inc.
Alaska Native Tribal Health Consortium (ANTHC)
Alaska Village Safe Water
Alaska Village Initiative
Alaska Wildlife Conservation Center
American Marine Corporation
ANICA
ARCTEC Alaska
Askinuk Corporation
ASRC SKW Eskimos
AT&T Alascom
AVCP Housing Authority
Alaska Village Electric Cooperative (AVEC)
Barnhart Crane & Rigging
Barrick Gold USA
Bering Pacific Construction
Bering Straits Native Corporation
Bering Subsea Mining
Bethel Native Corporation
Bethel Services
CE2 Engineers
CH2M Hill Constructors
Chaninik Wind Group
City Electric Inc.
Coastal Villages Region Fund
Concor Construction
Construction Unlimited
Copper Valley Electric Association
Cornerstone Construction
CRW Engineering Group
Denali Commission
Denali Drilling
Denali General Contractors
Dokoozian Construction
DOWL HKM Engineers
Dowland Construction
EWT Americas
Facility Contractors
GCI
Gen-X Energy Development
Golder Associates
Golovin Native Corporation
Great Pacific Cable
Hankal Construction
Harris Corporation
Hattenburg, Dilley & Linnell
Hilcorp Alaska
Homer Electric Association
Iditarod School District
Intelligent Energy Systems
Ipnatchiaq Electric Co.
Kotzebue Electric Association (KEA)
Knik Construction Co.
Kongiganak Water & Sewer Project
Kotlik Yupik Corporation
Kumin Associates
LCMF Engineering
Liberty Star Gold Corporation
Lower Kuskokwim School District
Lower Yukon School District
Marshall Traditional Council
Maserculiq Incorporated
Michels Corporation
Millrock Exploration Corp.
MKB Constructors
MTNT Limited
NANA
Neeser Construction
New Horizons Telecom
NIMA Corporation
Nome Joint Utility Systems
Northern Construction Services
Northern Power Systems
Northern Telecommunication Consultants
Northwest Arctic Borough School District
Northwest Inupiat Housing
Norton Sound Economic Development Corporation
Norton Sound Health Corporation
Oasis Environmental
Olgoonik Fairweather
Pacific Pile & Marine
Parsons Infrastructure & Technology
Paug-Vik Development Corporation
Peak Oilfield Service Company
Phoenix Marine
Pinnacle Construction
Placer Dome
Portable Hydraulic Dredging
Pro-West Contractors
Ridge Contracting
Roger Hickel Contracting
RurAL CAP
Ruskin Construction
Salzbrun Services & Drilling
Samaritan's Purse
Schommer & Sons
Sea Lion Corporation
Selawik IRA
SIS Northwest
SNC-Lavalin Constructors
Southwest Region School District
State of Alaska, Dept. of Labor
State of Alaska, Dept. of Transportation
Stebbins Housing Authority
Steelhead Communications
Sundance Construction
Swalling Construction
TRC Engineering Services
Tamark Builders
TDX Power Inc.
Tetra Tech Construction
Tumet Industries
Tuntutuliak Community Services Association
Twin Peaks Construction
U.S. Army Corps of Engineers
UIC Construction
Unalakleet Valley Electric Cooperative
United Utilities, Inc.
U.S. Coast Guard
Weldin Construction
Wilder Construction Company
XS Platinum
Yukon Construction
Yukon Kuskokwim Health Corporation

GETTING IT DONE

We actively cross-train our field crews, making us a veritable one-stop shop for clients. Getting equipment, materials, and personnel out to rural Alaska isn't easy or cheap. Our multi-talented crews enable us to operate more efficiently, saving clients time and money without sacrificing quality.

PILE FOUNDATION INSTALLATION

Building on permafrost, sand, and silt requires extensive foundation work to ensure a strong start for a stable structure. STG is hands-down Alaska's most experienced pile foundation contractor.

COMMUNICATION TOWER CONSTRUCTION

From tower foundation to installation to maintenance, STG is your all-in-one solution for microwave and wireless telecommunications infrastructure in the Arctic and rural Alaska.

BULK FUEL SYSTEM INSTALLATION

STG has been entrusted to construct more than 40 bulk fuel systems across the Arctic and Western Alaska. Put your community fuel storage needs to Alaska's most capable and experienced hands.

WIND TURBINE INSTALLATION

STG has installed 80% of all community-scale wind turbines in Alaska, which can help off-set expensive fuel costs.

DOING IT WELL

When you choose STG, you're choosing a team that self-performs approximately 95% of its contracted work. Our crews have a nearly perfect balance of niche and complementary skills. For clients, this means we can send fewer, concentrated personnel to get the job done.

POWER GENERATION CONSTRUCTION

STG has installed more than 20 diesel power generation facilities in communities throughout Western Alaska, ranging in generation capacity from 100 kW to 1,500 kW.

CIVIL CONSTRUCTION

Typically, civil construction refers to building public works such as roads, bridges, and canals. In rural Alaska, however, the roads are made of ice, bridges are replaced by steel boardwalks, and mooring points outnumber canals.

CRANE SERVICES

STG's sophisticated crane fleet caters to a variety of industries, including telecommunications, construction, and energy.

FIELD SAFETY

We make sure our crews get home in the same (or better) condition as when they clocked in.

SERVICES

- Driven and drilled steel piles
- Thermopiles and adfreeze piles
- Sheet piles
- Helical anchors and piles
- Rock anchors
- Concrete foundations
- Constructability consultation

PROJECT SPOTLIGHT

Drift River Erosion Control

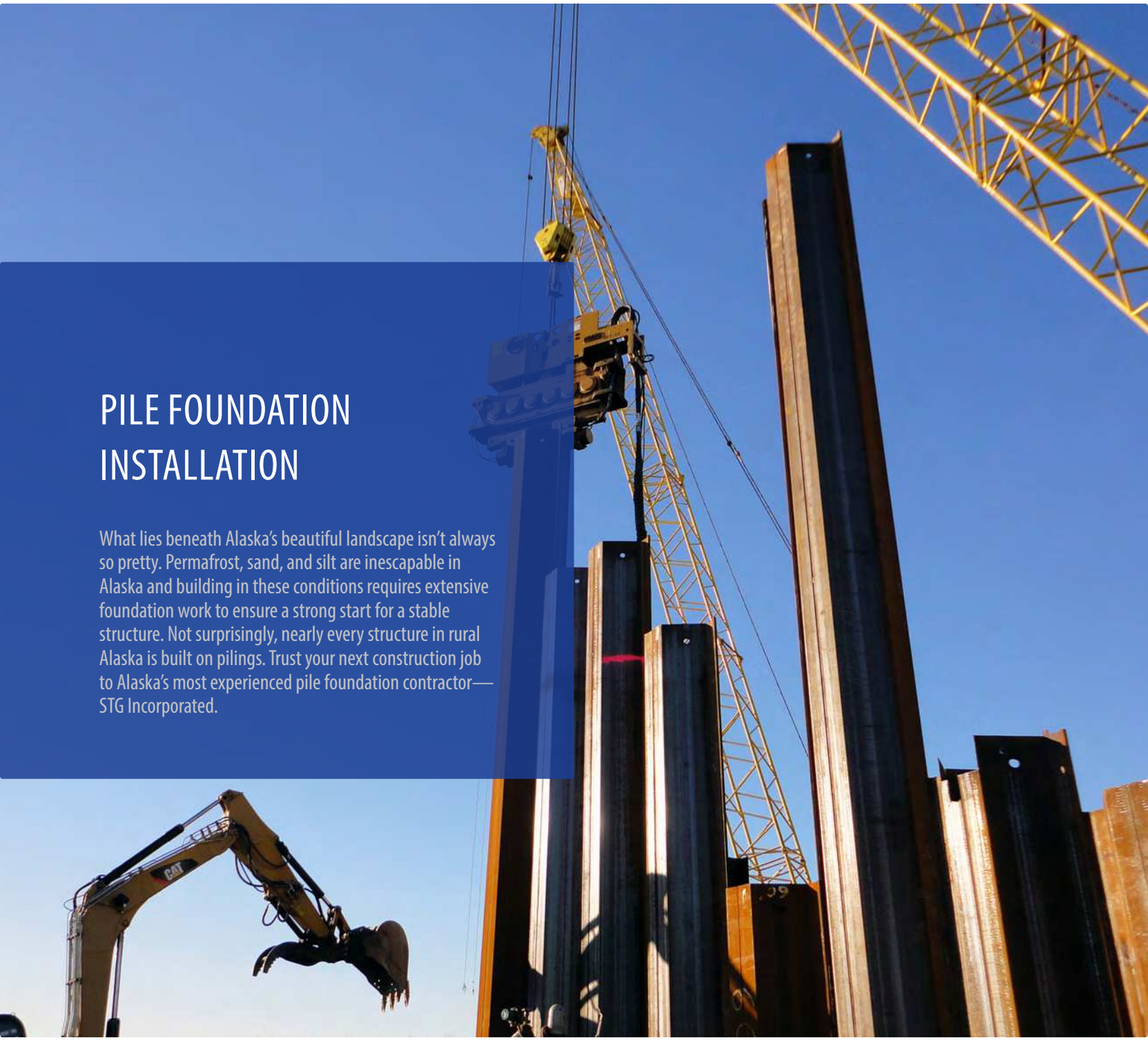
Located at the base of Mt. Redoubt, an active volcano, Drift River is home to seven 10-million-gallon bulk fuel tanks. The 2009 eruption of Mt. Redoubt unleashed flooding five times greater than the flow of the Mississippi River; the tank farm nearly washed away. Three years later, Hilcorp Alaska commissioned a design-build project to combat against another high-impact flood from floating off with its assets.

The solution came in the form of a hybrid earthen dike and sheet pile wall stretching 3,000 lineal feet. Barges brought equipment and materials into Cook Inlet during high tide, dropping anchor as the tide receded. Once the tide was out, the crew created a tidal mudflat road to unload and mobilize four million pounds of steel and equipment.

In just five short months, STG took the project from design to procurement to completion—on time, on budget, and with zero change orders.

Together with sister companies Brice Marine and Brice Civil Construction, as well as hydrologists and geotechnicians, the Drift River erosion control project is one of STG's largest collaborative projects to date.

Top: Water treatment plant foundation | Stebbins *2012*
Bottom: Boardwalk pile foundation | Girdwood *2012*



PILE FOUNDATION INSTALLATION

What lies beneath Alaska's beautiful landscape isn't always so pretty. Permafrost, sand, and silt are inescapable in Alaska and building in these conditions requires extensive foundation work to ensure a strong start for a stable structure. Not surprisingly, nearly every structure in rural Alaska is built on pilings. Trust your next construction job to Alaska's most experienced pile foundation contractor—STG Incorporated.

Above: Sheet pile driving | Drift River *2012*

COMMUNICATION TOWER CONSTRUCTION

Thanks to the internet and mobile technology, where we live no longer determines how we live. However, access to high-speed communication has been elusive for many living in rural Alaska. Bringing telemedicine, videoconferencing, and online education to Alaskans is a big responsibility. We're your all-in-one solution for microwave and wireless telecommunications infrastructure in the Arctic and rural Alaska. From foundation to installation, trust your next telecommunications job to the experts—STG Incorporated.

Above: Setting communication tower | Kotzebue *2013*

SERVICES

- Microwave tower, foundation, and antenna installation
- Wireless monopile foundation and installation
- Remote module and repeater installation
- Waveguide, antenna, and ice shield installation
- Tower maintenance
- Turn-key design-build communication systems
- Wireless hardware installation
- Fiber optic support installation
- Constructability consultation

PROJECT SPOTLIGHT

GCI TERRA Northwest Phases I & II

GCI is Alaska's largest internet services provider and is connecting rural Alaskans with faster, more reliable, and more affordable internet in its partnership with STG Incorporated for the GCI TERRA Northwest project.

Between spring 2012 and summer 2013, STG installed six remote repeaters and three new microwave towers in Western Alaska. Building on the success of the 40-site broadband microwave DeltaNet project STG completed in 2008, this new hybrid fiber-optic and microwave network now connects Grayling to Unalakleet, Unalakleet to Shaktoolik, and Shaktoolik to Nome. There are no roads in and out of these communities, which cranked the complexity of the job up a notch.

From barges to planes and cranes to helicopters, we know the importance of getting the right equipment to the right place at the right time. We managed the transport of shelters, fuel tanks, battery banks, and tower sections to remote staging areas in Golovin, Baldwin, Solomon, and Koyuk. To expedite the mobilization process, STG brought in one of the most capable pieces of heavy lift equipment on the planet—Erickson's Sikorsky Sky Crane.

Top: Setting tower | Gill *2013*
Bottom: Setting module | Gill *2013*

BULK FUEL SYSTEM INSTALLATION

Diesel fuel is truly the lifeblood of rural Alaska. Improperly installed or inadequately constructed fuel tanks can cause dangerous fuel leaks and spills, which jepoardizes the safety and well-being of rural Alaskans. STG has been entrusted to construct more than 40 bulk fuel systems across the Arctic and Western Alaska. Put your community fuel storage needs to Alaska's most capable and experienced hands.

Above: Welding bulk fuel tank | Selawik *2001*

Below: Bulk fuel system | Ruby *2009*

SERVICES

- Prefabricated and field-fabricated construction
- Prefabricated horizontal construction
- Diked construction and tank installation
- Double-wall construction and tank installation
- Total renovation
- Constructability consultation

PROJECT SPOTLIGHT

Ruby Fuel Storage Facility

In 2009, the Alaska Energy Authority (AEA) commissioned the complete renovation of the bulk fuel storage facility in Ruby with two main objectives: construct a new storage facility and maintain operations of the existing one. However, the new facility had to be built in almost the exact same spot as the one it was replacing.

The risks were high. The new facility had to be finished in time for the final fuel shipment of the season. STG designed and rapidly executed an effective work plan to ensure that Ruby's 180 residents had a place to store fuel before winter—STG finished construction in one summer. Ruby can now store 30,000 gallons of gasoline and 130,000 gallons of diesel fuel year-round.

Below: Constructing intertie | Brevig Mission to Teller *2011*

SERVICES

- Village intertie construction
- Gravel pad installation
- Pile foundation installation
- Direct-set poles
- Poles installed on piles
- Constructability consultation

PROJECT SPOTLIGHT

Stebbins Power Plant

The nearly 600 residents of Stebbins rely on power produced at the community's power plant every day. For decades, the power plant was located on a tract of land owned by the Alaska Dept. of Transportation. However, due to plans to expand the village's airport, the power plant needed to be relocated.

Together with its client the Alaska Village Electric Cooperative (AVEC), STG mapped out a phased schedule to fast-track the construction of a new, more efficient power plant that better recovers heat during the generation process. From identifying long-lead materials and procuring equipment to coordinating barges and installing the steel foundation and poles, STG ensured that the project schedule was met without interrupting the community's access to electricity.

POWER GENERATION INSTALLATION

STG has installed more than 20 diesel power generation facilities throughout the Arctic and Western Alaska ranging in size from 100 kW to 1,500 kW generation capacity. Our project managers work directly with the client to identify, design, and construct the most appropriate, cost-effective, and efficient type of facility for each community.

Above: Power plant installation | Stebbins *2013*

WIND TURBINE INSTALLATION

Our expertise supports work to address one of the greatest challenges facing rural Alaska—affordable energy. Incorporating wind technology into Alaska's energy mix can help off-set expensive energy costs, such as diesel fuel. Wind is a clean source of renewable energy and STG Incorporated has installed more community-scale wind farms in Alaska than any other contractor, approximately 80 percent of those currently in operation.

Above: Wind turbine | Toksook Bay *2007*

SERVICES

- MET tower installation
- Tower foundation and turbine installation
- Transmission/Community line installation
- Integrity testing
- Operations and maintenance
- System integration and calibration
- Civil and site access development
- Logistics management
- Constructability consultation

PROJECT SPOTLIGHT

Kotzebue Wind Farm Expansion Project

Completed in spring 2012, the Kotzebue Wind Farm Expansion Project involved the installation of two, 900 kW wind turbines on 75 meter towers in Kotzebue, Alaska. Project activities were completed by STG Incorporated (STG) for Kotzebue Electric Association (KEA) over a one year duration and involved the oversight of logistics, foundation installation, turbine erection, and overall project management associated with design-build responsibilities.

However, getting the crane to Kotzebue was a challenge, and even required a rare barge-to-barge transfer in the open waters of the Chukchi Sea.

The installation approximately tripled the generation capacity of KEA's existing wind farm and was constructed as a means to reduce diesel fuel consumption at the utility along with the overall cost of electricity for KEA's customers.

Later that year, STG was awarded the Associated General Contractors (AGC) of Alaska Sustainability in Construction Award for its long-term contribution to the sustainability of the community of Kotzebue.

Top: Setting turbine | Fire Island *2012*
Bottom: Setting blades | Kotzebue *2012*

CIVIL CONSTRUCTION

Typically, civil construction refers to building public works such as roads, bridges, and canals. In rural Alaska, however, the roads are made of ice, bridges are replaced by steel boardwalks, and mooring points outnumber canals. Our frontier-tough fleet of state-of-the-art, late-model civil and heavy equipment can handle swamps, permafrost, erosion, and anything else Mother Nature has up her sleeve.

Above: Sheet pile wall | Drift River *2012*

Below: Elevated boardwalk | Tuntutuliak *2008*

SERVICES

- Erosion control
- Mooring point installation
- Bridge and walkway construction
- Building ice and snow roads
- Demolition
- Drilling and blasting

PROJECT SPOTLIGHT

Tuntutuliak Elevated Boardwalk

The Yup'ik native village of Tuntutuliak is almost completely surrounded by water. Before 2008, everyday travel to the school or health clinic was a challenge for the village's 400 residents. Scattered streams and lakes set between patches of wetlands made conventional paved streets an impractical solution. Instead, the Alaska Department of Transportation commissioned the construction of a nearly mile-long elevated boardwalk, connecting the village to the airport.

To preserve the delicate ecosystem, STG built the structure during the winter atop the frozen tundra when the ground is more stable. Made up of 380 driven piles, 800,000 pounds of galvanized structural steel, and 1.4 million pounds of treated timbers, the serpentine boardwalk is the largest one of its kind in the entire state and serves as a model for other remote communities. From start to finish, it took just five months to complete the project.

SERVICES

- Heavy lifting, hoisting, setting, and relocating
- Certified crane operators and riggers
- Crane consultation
- Crane fleet rental
- Range of capacities and number of cranes
- Railbelt crane rental managed by Alaska Crane

PROJECT SPOTLIGHT

Colville Delta (CD-5) Bridge Project

In winter 2013, STG sent several cranes and pile driving equipment to Alaska's North Slope to assist in the construction of a bridge through the Colville Delta (CD-5). In all, STG deployed five cranes, two vibratory hammers, and one impact hammer to ConocoPhillips' general contractor.

Before the cranes and pile driving equipment were sent up north, STG ensured that all machinery was properly weatherized to withstand the arctic conditions. This meant removing and upgrading all hoses and fluids to meet a temperature rating of -70 degrees Fahrenheit. Hydraulics, engines, oil tanks, radiators, and crane cabs were all retrofitted with some combination of heater coils, heater pads, circulating pumps, or blankets to help maintain operation in the arctic temperatures. Boom lights were also added to each crane for improved visibility.

Top: Weatherized crane | North Slope *2014*
Bottom: Weatherized cranes | North Slope *2014*

CRANE SERVICES

Here comes the boom–and lots of it. From the versatile CAT EX-07 to the largest crane in the state – the German-crafted Liebherr LR 1600/2 – STG has the right crane for the job. STG caters to a variety of industries throughout rural and urban Alaska, including construction, telecommunications, and energy development. From the oil fields of the North Slope to the dams of Southeast, we have a crane within your reach.

Above: Liebherr 1600/2 | Sitka *2013*

SAFETY IS NO ACCIDENT

.70

Whether scaling 40-foot tall communication towers or operating thousand-pound cranes, we're in the thick of dangerous operations daily. STG's industry-leading .70 Experience Modification Rating (EMR) reflects our commitment to field safety and risk mitigation.

Recipient of the 2012 *Celebrate Safety* award for safety excellence, presented by the U.S. Army Corps of Engineers, Alaska District.

Above:: Pile driving| Golovin *2013*

FIELD SAFETY

Year after year, construction labor lands among the top ten most dangerous jobs in the country. When cranes, helicopters, and other major machinery get involved, you've got a situation for risky business on your hands. It's our responsibility to make sure that crews get home in the same (or better) condition as when they clocked in—not just because it's the law, but because it's the right thing to do.

Above: Climbing tower | Gill *2013*

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STG INCORPORATED

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Building a sustainable Alaska