

The Layne logo is prominently displayed in white and yellow on a green background. Below the logo, the text "A GRANITE COMPANY" is written in white, and "WATER RESOURCES" is written in large, bold, yellow letters.

Layne[®]

A GRANITE COMPANY

WATER RESOURCES



01

Layne is a water management, mineral exploration and drilling company.

We provide responsible infrastructure solutions for water and minerals, while offering innovative, sustainable services with an enduring commitment to safety, operational excellence, and client satisfaction.

In June 2018, Layne became a wholly-owned subsidiary of Granite Construction, Inc.

ABOUT LAYNE

- Established in 1882, Layne offers a rich history of delivering safe, professional, and reliable water and minerals solutions throughout North America.
- Water users look to Layne when they are seeking a trusted partner that will consistently deliver projects safely, on time, on budget, and as promised.
- With 138 years of experience, Layne has earned a reputation for minimizing risk while maximizing peace of mind through operational excellence and client satisfaction.

SAFETY

- Safety is about people, not projects.
- Safety is about stories, not statistics.
- Safety is about connecting people.
- Safety is deeply personal.

**SAFETY
BY CHOICE**

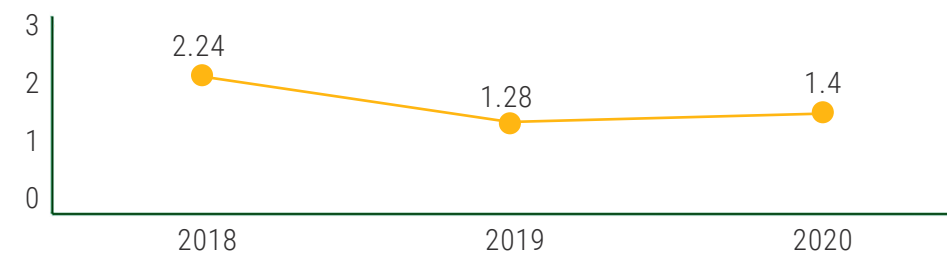


Our safety culture is underpinned with relationship-based training, shared knowledge, and engagement at every level of our organization.

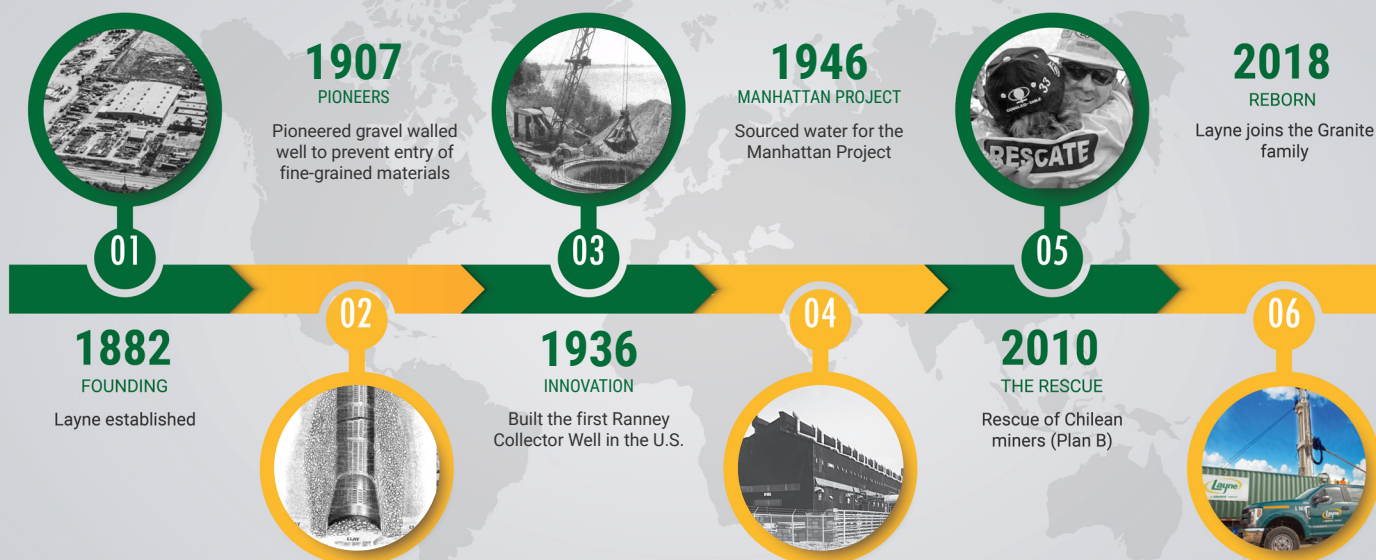
An authentic commitment from all will elevate our program, ultimately achieving safety, success and zero injuries.

At Layne, we are responsible for making safe choices not only for ourselves, but for those around us. We must take care of each other.

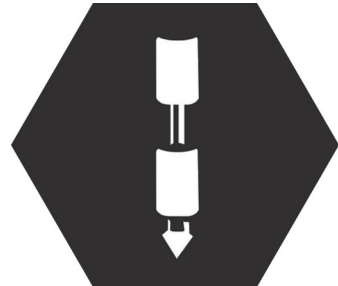
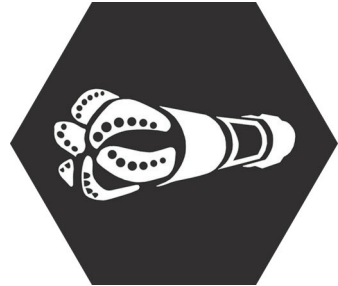
TOTAL RECORDABLE INCIDENT RATE



OUR STORY



02



OUR SERVICES

- RANNEY® COLLECTOR WELLS
- EXPLORATORY DRILLING AND FORMATION ANALYSIS
- WELL DESIGN AND CONSTRUCTION
- PUMP SYSTEM DESIGN AND INSTALLATION
- PUMP SERVICE AND MAINTENANCE
- WELL REHABILITATION
- WATER TREATMENT



RANNEY® COLLECTOR WELLS

Ranney® specializes in the design and turnkey construction of high capacity water supply systems including radial collector wells, surface water intakes, infiltration galleries, riverbank filtration, and sea water systems. Collector wells typically combine high yields with lower operating and maintaining costs. Complete hydrogeological services for optimum siting are also available.

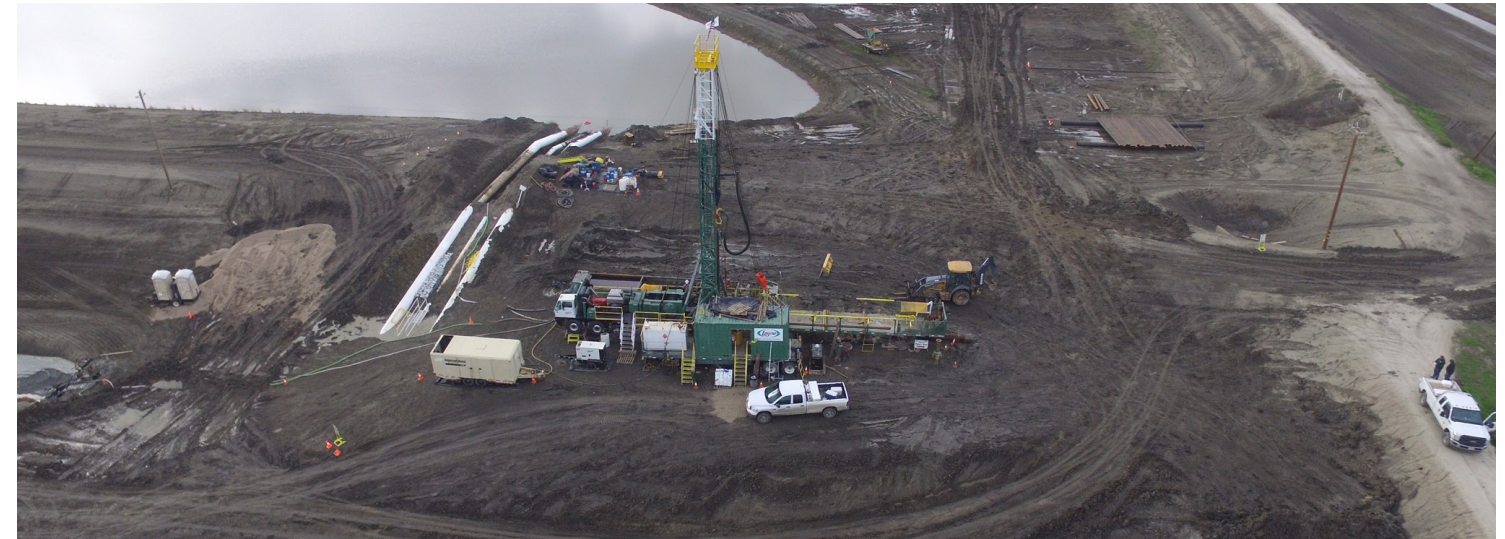
From the initial consultation and evaluation to construction, our professionals will create the most cost effective and efficient system to deliver water in the quantity and quality you need. We can provide design build or complete turnkey services to meet your project specifications for municipal, industrial, and utility needs.



Collector wells are constructed with longer lengths of well screens projected horizontally near the base of the aquifer formation. This results in lower entrance velocities through the screen which reduce the rate of plugging, and extend the interval between well rehabilitation.



The reinforced concrete central shaft, or caisson, serves as the collection point for the water that enters the system through the network of well screens. This wet well or pumping station, allows entry for periodic inspection of the system and permits any required maintenance to be performed at a later date.



WELL DESIGN AND CONSTRUCTION

No single method of well construction suits all purposes. Layne considers not only geologic factors, but the intended use and available budget. Our 139 years of experience designing and constructing wells, combined with present day technology, allows us to determine the best method and use of equipment for your drilling needs.

EXPLORATORY DRILLING AND FORMATION ANALYSIS

Layne offers drilling methods and sampling techniques for situations requiring a less conventional drilling approach.

SERVICE OFFERINGS

- Specialized Drilling in Complex
- Geologic Settings
- Environmental Investigation & Remediation
- Mine-Dewatering
- Utility Boreholes
- Hydrogeological Investigations
- Geotechnical Investigations
- Aggregate Exploration
- Soil and Water Sampling
- Waste Rock/Tailing Investigations

AVAILABLE DRILLING METHODS

- Dual Wall Reverse Drilling
- Flooded Reverse Drilling
- Dual Wall Percussion Hammer Drilling
- Conventional Rotary Drilling



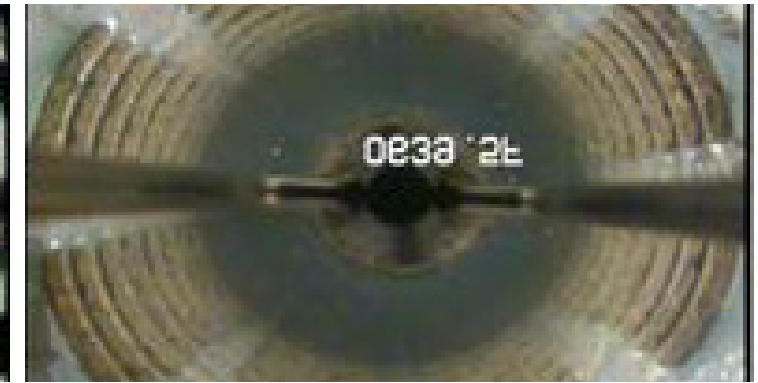
PUMP SYSTEM DESIGN AND INSTALLATION

In the vertical turbine pump repair business for over 100 years, Layne combines its expertise and experience with the latest technology to provide a full line of pump products and services.

Long-standing relationships with many equipment providers allow Layne to design, furnish, and install the most appropriate and efficient pumping solutions for your water system.

IN-HOUSE PUMP DESIGN AND ASSEMBLY

Layne owns and operates its own machine shop facilities and stocks an array of bowl assembly components. This allows Layne experts to quickly design and build custom pumping assemblies to meet the exact needs of a pumping situation.



WELL REHABILITATION

Even under normal operating conditions a well may experience diminished biological activity or mechanical plugging calling for the utilization of chemical treatments, mechanical treatments, or specialized well redevelopment methods. Using one or a combination of these techniques, we can restore any well's capacity.

- Mechanical Methods: Boreblast, Sonar Jet, Roto-Scrub, Aqua Freed
- Traditional Mechanical Methods: Brush, Bail, Dual Swab Airlift, and Test Pump Development
- Chemical Methods: Innova Deep Well Chemistry
- Self-Contained Mobile Treatment Units (CTU)
- Well Testing Services: Diagnostics and profiling on well conditions, flow, and water quality.
- Logging Services: Video, caliper, electrical, and gamma ray logging
- Well Development and Redevelopment
- Well Abandonment

PUMP SERVICE AND MAINTENANCE

With our knowledgeable staff and highly equipped machine shop, Layne offers complete in-house repairs of your pumping equipment. Layne can select the most efficient new pump equipment for your application. Failure of pumping equipment can lead to lost revenue and may create a critical situation. Our service crews are available to respond quickly and minimize downtime.

IN-HOUSE REPAIR SHOPS

All repair and maintenance is conducted at Layne's wholly owned machine shop facilities. Keeping the repair and maintenance of your pumping equipment in-house allows Layne to uphold firm quality controls throughout the repair process.

24/7 EMERGENCY SERVICE

Dependable service means peace of mind for you. Sometimes emergencies happen on weekends or holidays. Layne teams are available 24 hours a day, 7 days a week, 365 days a year to assist in any well or pump issue, whether or not Layne originally installed the well or pumping equipment.

PREVENTATIVE MAINTENANCE

Layne believes in a twofold approach to service—problem solving and problem prevention. Utilizing the problem prevention method will likely avoid any unexpected shutdowns or costly repairs.

SERVICES

- New pump design and installation
- Lineshaft and submersible well pump maintenance and repairs
- Vertical and horizontal booster pump maintenance and repairs



WATER TREATMENT

Layne combines innovative technologies with experienced personnel to remove water contaminants and optimize water treatment center operational efficiency. Layne offers solutions for the removal of VOC's, radon, nitrate, perchlorate, iron, manganese, arsenic, H₂S, and PFAS/PFOS.

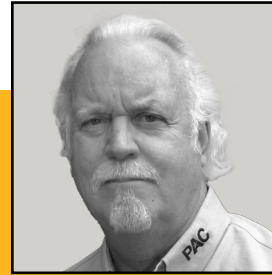
- Nitrate and Perchlorate Removal
- Ion Exchange Systems
- Advanced Amberpack and Packed Bed Low Waste
- VOC and Radon Removal
- Air Stripping Systems
- Arsenic, Iron, Manganese, and H₂S Removal
- LayneOx (Coag/Filtration) and LayneRT (Adsorption Media)
- Water Purification – RO, UF, CCD
- Chrome VI, PFOS Solutions
- Pilot Testing

03

OUR TEAM



KENT WARTICK
VICE PRESIDENT &
DIVISION MANAGER



GREG MCINNIS
VICE PRESIDENT
OPERATIONS



JANET CASSEL
SAFETY MANAGER



ADAM WARD
CONTROLLER



BILL STUCKEY
GENERAL MANAGER
SOUTHEAST



JERRI BURTON
GENERAL MANAGER
NORTHEAST



TODD HOWARD
GENERAL MANAGER
WEST



DAVE TORMOEHLEN
GENERAL MANAGER
CENTRAL



STEVE COSTELLO
CHIEF ESTIMATOR



JENNY JANZ
BUSINESS MANGER



TIM OMAN
BUSINESS DEVELOPMENT



JEFF HART
SR. OPERATIONS MANGER

04

PARENT COMPANY



Granite Construction Incorporated (NYSE: GVA), America's Infrastructure Company, has a workforce of 9,100 and a combined revenue of \$3.4 billion annually. As an industry leader in the transportation, water resources and mining markets throughout North America, Granite provides infrastructure solutions for construction, program management, alternative procurement, and is a vertically-integrated contractor with aggregate materials reserves throughout the U.S.

99
YEARS

9,200
EMPLOYEES

\$3.4B
ANNUAL
REVENUE

Forbes

Forbes Magazine, one of America's Best Mid-Size Employers (2021)



AGC

Associated General Contractors

Earned over 20 awards for innovation, safety and quality



Certified

Great Place to Work (2021)



ENR

Engineering News Record

Regional Best Project (2020)
Runway 16R-34L Rehabilitation Project
Sacramento International Airport

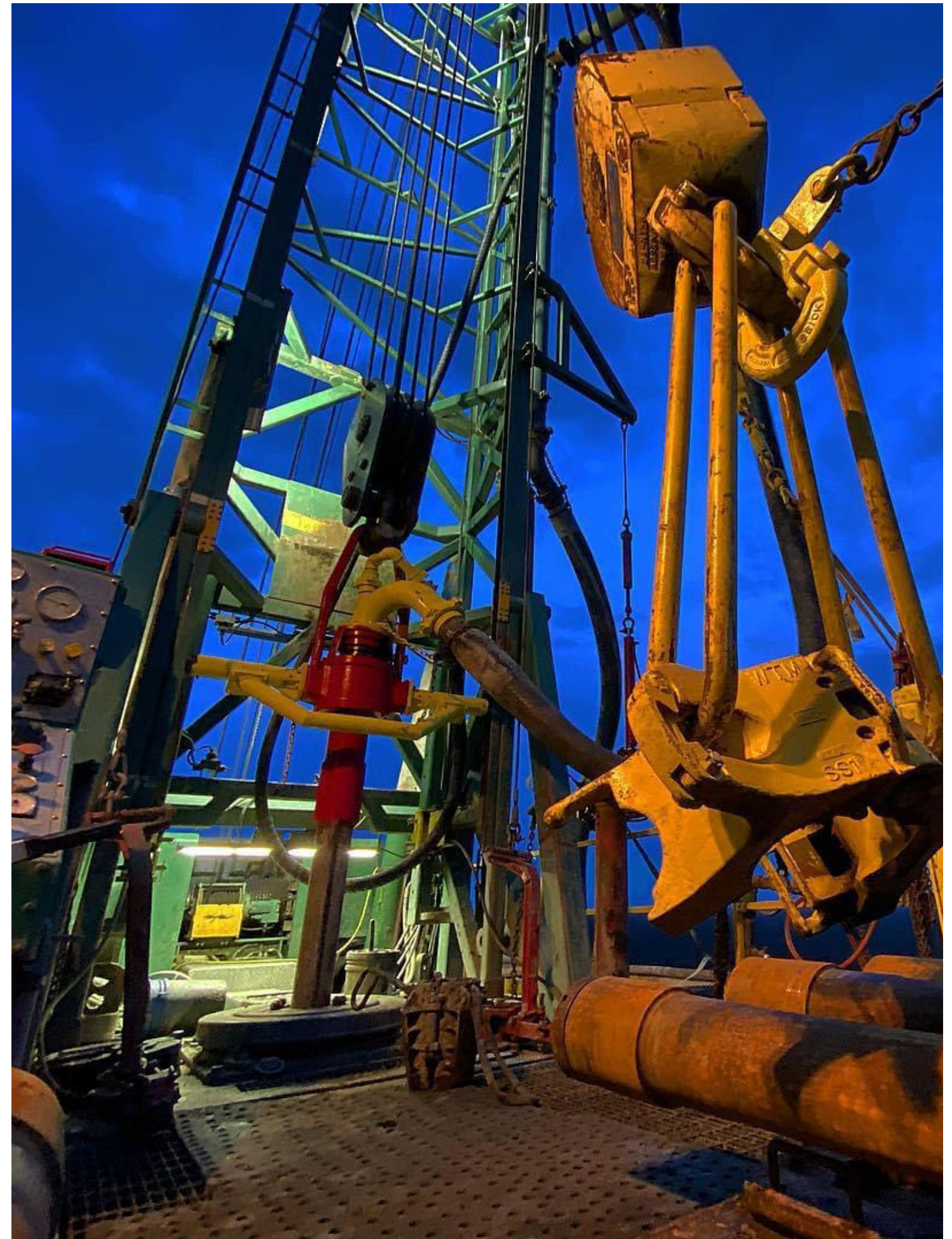
NAPA

National Asphalt Paving Association

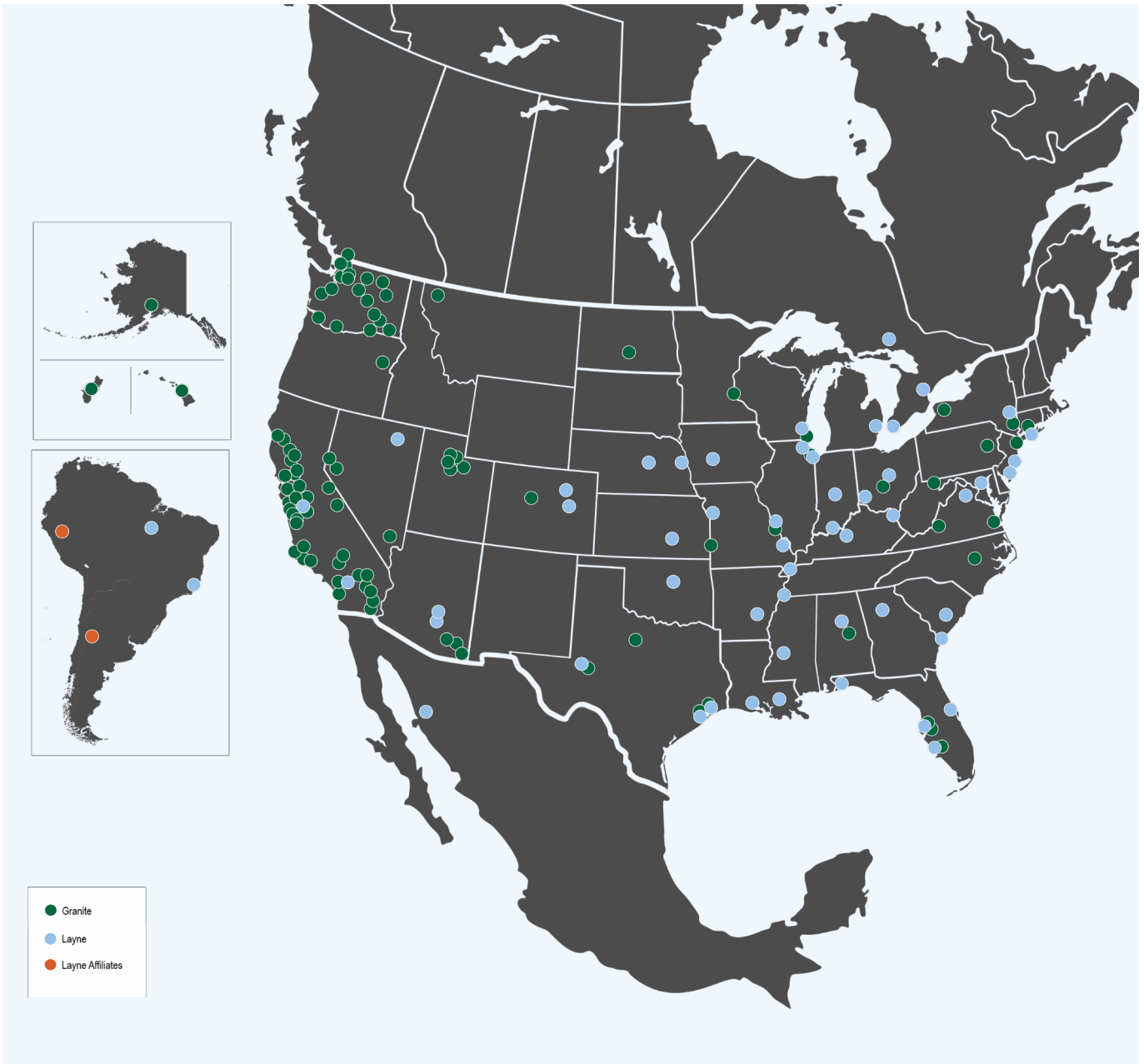
40 NAPA quality awards for airport pavement quality and pavement projects constructed in sustainable/innovative ways

FORTUNE

World's Most Admired Companies (2020)



CONTACT US



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