

Media Fact Sheet

FDH Infrastructure Services is recognized as a global leader in the engineering investigation of structures and foundations. The company's significant R&D investments, combined with decades of real-world experience, have generated innovative, flexible, and responsive solutions for maintaining today's critical infrastructure – from towers, bridges, dams, and levees, to buildings, manufacturing plants, pipelines, and more.

In telecommunications, FDH Infrastructure Services takes great pride in delivering the complete suite of professional services to acquire, design, engineer, implement, upgrade, and maintain wireless and broadcast sites – selecting the right combination of in-house and contract personnel with the expertise necessary to match clients' project needs. In partnership with its broadcast division, Stainless, FDH has provided engineering and construction services for thousands of wireless sites and installed over 50% of the tall towers standing in the United States today.

FDH strives every day to achieve the best results for its clients and for the infrastructure that keeps the business of the world moving forward.

Privately Owned

3 U.S. Patents

1 U.S. Patent Pending

9 Offices

50+ Licensure Territories

150+ Employees

\$30M Annual Revenue

Our Clients Include

- » AT&T, Verizon, T-Mobile, Sprint, Comcast
- » SBA Communications, Crown Castle, American Tower
- » U.S. Army Corps of Engineers
- » U.S. Department of Transportation
- » State and Local Transportation Agencies
- » Transmission & Distribution Utilities
- » Wind Energy Utilities
- » Building Owners/Managers

Markets & Services



Telecom



Heavy Civil



Power



Industrial



Commercial



Government



Structural Engineering



Civil Engineering



Geotechnical Engineering



Nondestructive Testing



Field Investigations



Construction Services



Research & Development



Value Added

Our Mission

- » Building an organization that is respected and admired for our continuous commitment to *safety, quality, and innovation*.
- » Continually delivering state-of-the-art development, engineering, and construction solutions for our clients.
- » Maintaining and growing an organization with operational excellence, ensuring predictability and strength in our results.
- » Cultivating a workplace that inspires employees to excel in every aspect of what we do.

Our Vision

- » To be an industry leader in infrastructure assessment, engineering, and construction services by forging excellent solutions through innovation and expertise.

Our Corporate Responsibility

- » We believe an honest and good reputation is essential to our success. To guarantee the company's continued success, we depend on each other to meet the highest standards of business ethics and personal integrity in all that we do.
- » We are committed to maintaining our customers' trust and respect by delivering high quality, secure, and reliable services and solutions.
- » We are equally committed to our employees and contractors by ensuring that our internal business practices reflect the highest standards of integrity.
- » We uphold our social responsibility by protecting the environment and prioritizing the health and safety of our employees, contractors, and customers in the communities where we do business.
- » We renew our commitment each day to conducting our business operations with the highest ethical standards, placing a premium on safety and respect for our employees, contractors, and customers.

Safety

FDH leadership team members serve on the Board of Governors of the National Wireless Safety Alliance, have taken active roles in the National Association of Tower Erectors (NATE) since its inception, and helped the Wireless Industry Safety Task Force launch its "100% Tie-Off 24/7 Awareness Campaign" in order to raise awareness of the 100% tie-off fall protection requirement and drive home the message that there should be a zero-tolerance policy regarding this law. FDH is a NATE STAR Initiative member, and strictly adheres to and encourages safe work environments for its employees and the industry at large.

Key Projects



Telecom Tower Replacement

FDH designed and replaced this 185' tower in the U.S. Virgin Islands on its existing footprint in an environmentally sensitive area. Innovative solutions included methods to enable crews to work within and around the existing tower without interrupting service.



Telecom Tower Amendments

With exceptionally quick turn-around, FDH routinely develops construction drawings for major carriers to support upgrades to towers and rooftop sites, which include removal/installation of antennas, remote radio heads, and hybrid cable installations.



Nondestructive Testing (NDT) for Dams

FDH is working with the USACE/ERDC to validate its proprietary NDT test method to identify failing trunnion rods in the nation's large dams. FDH's NDT method will eliminate the costly and hazardous "lift-off" test, and yield quicker and more accurate results.



NDT Research & Development

FDH and its local university partners were contracted by the U.S. Army to evaluate the feasibility of developing a portable, nondestructive system capable of characterizing the concrete of hardened buildings and structures to aid in U.S. Army operations.



Foundation Assessments for Utilities

FDH performs nondestructive testing of transmission towers and substation foundations for large utility companies, using its proprietary testing methods. FDH can determine the current conditions of foundations and recommend design solutions to extend lifespan.



Bridge Condition Assessments

FDH develops and applies innovative NDT solutions for assessing the condition of reinforced and prestressed concrete bridge components as well as other critical structures. To date, FDH has performed over 3,500 bridge investigations in 12 states.

History

Established in 1998, with its roots in university research, FDH began its work as a partner to the North Carolina Department of Transportation to identify a means for determining the length of in-situ bridge piles for which no as-built (or limited) information existed. This effort led to the development of a new, proprietary nondestructive test (NDT) method, employing dispersive wave propagation, which FDH has validated and utilized on thousands of bridges and other critical structures throughout the country, including the U.S. Army Corps of Engineer's aging inventory of large concrete dams.

FDH's early research innovations quickly led to the company's entry into the wireless market. FDH applied its proprietary NDT methods to the structural investigation of aging cell towers and foundations, which minimized the need for invasive, cost-prohibitive excavation and drilling procedures, while keeping wireless networks running 24/7. In 2015, FDH acquired Stainless, a renowned leader in tall tower engineering and construction for the broadcast industry. Established in 1947, Stainless has built more than 7,500 towers in 100 countries and has been a trusted partner to the industry's top tower owners for over 70 years.

Today, FDH is recognized as a global leader in the condition assessment of civil infrastructure, a leading provider of structural engineering services to the North American wireless industry, and a leading provider of structural engineering and installation services to the broadcast industry.

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