



Environmental Walkways & Bridges

New Construction Piles

Foundation Stabilization

Helical Tie-Back Anchors



Supporting sinking structures
and new construction
in soft soil with

HELICAL PIER FOUNDATION SYSTEMS



3 Howe Drive, Unit 3 · Amherst, NH 03031

Solid Earth Technologies, Inc. installs helical piers and anchors and constructs nature trails, elevated boardwalks and bridges over wetlands. Solid Earth Technologies, Inc. works with geotechnical and structural engineers to provide solutions to soil and foundation problems for their customers. Our services include foundation stabilizing and underpinning, new construction piles, tie-back anchors for retaining walls and bulkheads, soil nailing, environmental boardwalks, bridges, docks and excavation support systems. Our management team is educated and experienced in soil mechanics, piling and earth anchor design and installation. Our crew members have satisfied all of the requirements to be certified A.B. Chance installers.



Riverview Condos S. Yarmouth, MA

Solid Earth Technologies, Inc. worked in conjunction with a local engineering firm and marine contractor to install tieback anchors for a bulkhead replacement project on Cape Cod. Solid Earth Technologies, Inc. installed the tieback anchors from the top of the existing bulkhead on one section and from the top of an embankment in an area where a new composite bulkhead was to be installed. The installation utilized both a small excavator and handheld equipment.

Benefits of A.B. Chance Helical Piers and Anchors

- Vibration free installation
- Achieve design loads in given soils
- No excavation or drill spoils to remove
- Low mobilization costs
- Environmentally friendly
- Installs in any weather
- Installs in limited access areas
- Ability to be installed in close proximity to underground services
- Capacity of each pile is accurately measured using installation torque
- Can be used for temporary support - preconstruction
- Our installers are certified by A.B. Chance
- We provide in-house technical and engineering support

Solid Earth Technologies, Inc.



Patriot Place Foxboro, MA

Solid Earth Technologies, Inc. constructed this boardwalk over an abandoned cranberry bog behind the Bass Pro Shop at the Patriot Place Mall. The boardwalk is 200' x 8' and has a 24' x 17' viewing platform with benches for wildlife viewing in the middle of the structure. The boardwalk is supported by 88 helical piles and 20 diagonal brace anchors installed using floats and handheld installation equipment.

Turner Reservoir Loop Trail East Providence, RI

Solid Earth Technologies, Inc. constructed the 2300 foot long nature trail and river observatory. The trail has five separate elevated boardwalk sections which cross wetlands and swampy areas throughout its path as it begins and ends along the Ten Mile River. The boardwalks are supported by 170 helical piles installed using a combination of handheld equipment and a small excavator.



Elder Services Lynn, MA

Solid Earth Technologies, Inc. worked with a large general contractor specializing in commercial construction to install 105 new construction piles. The site presented many challenges due to the close proximity of railroad tracks owned by the MBTA, as well as the presence of underground utilities throughout the work area. Utilizing small excavation equipment and the use of helical piles, Solid Earth Technologies, Inc. was able to complete the installation without any negative impact on the railroad tracks or underground utilities.





Visit our website
for more information:
solidearthtech.com
or call us toll-free
877-389-7822

Our Services Include



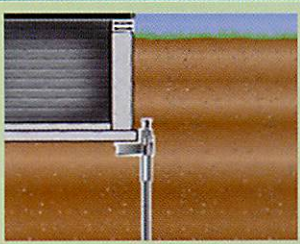
BOARDWALK/BRIDGE FOUNDATIONS

Instant Foundation Anchors are engineered to construct environmentally-friendly foundations for walkways, boardwalks, piers and bridges in wetlands and tidal marshes.



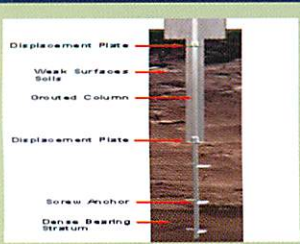
NEW CONSTRUCTION PIERS

Deep Foundation Helical Piers/Minipiles support new structures that would be built on weak soil conditions.



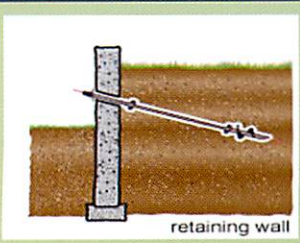
UNDERPINNING STRUCTURES

Helical Pier Foundation Systems are used on commercial or residential buildings to raise and stabilize settling foundations.



GROUTED PULLDOWN MICROPILES

Micropiles incorporate a grout column around the steel anchor shafts for added support and higher capacities for new construction and underpinning.



RETENTION WALL SYSTEM

Tieback anchors and soil nailing are ideal for lateral support of retaining walls, bulkheads and seawalls.