

PARK RANGE CONSTRUCTION NEWS

Repair Specialist since 1981.

ISSUE 01, April 2011

Park Range Construction is a family owned general contractor. Our company was established in 1981, and we are still family owned today.

Park Range is highly respected throughout the engineering and building community as a structural repair specialist.

Park Range provides a highly competent team of estimators, project managers, on-site supervisors and qualified crews equipped to provide excellent service.

Our staff will provide all scheduling and communication between the owner and engineer.



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PARK RANGE
CONSTRUCTION, INC.

**2755 South Raritan Street
Englewood, Colorado 80110**

Our Services:

Foundation Support Systems

Helical Piers/Steel Piers

Micropiles

Underpinning

Tiebacks/Shoring

Structural Repairs

Drainage Improvements

Building Envelope Repairs

Structural Floor Installation

Cosmetic Repairs

Expert Witness Testimony

Intrusive Testing

Residential/Multifamily

Commercial/Government

Licensed/Insured/Bondable



Drainage & Structural Repair Project

Park Range Construction was awarded the \$2.8M contract to conduct repairs to 69 homes, yards and common areas in a Littleton, Colorado subdivision.

The scope of repair included:

Perimeter drain installations

Concrete pans / sidewalk chases

Grading and drainage improvements

Downspout and sump pump extensions

Retaining walls

Structural porches

Foundation sister wall installation

Intrusive Testing



Park Range Construction performs intrusive testing on building envelopes and building interiors as well as exploratory excavation.

Expert Witness Testimony



With over 76 years in the construction industry, our experienced professionals can assist in construction defect cases by providing cost of repair estimates for construction standards and structural defects.

Micropile Installation: One of the Many Drilling Services Park Range Offers



Park Range installs solid and hollow bar micropiles using hydraulics and air, with rotary or percussion heads, continuous flight augers and down the hole hammers. What is the benefit of using a Micropile? Micropiles are installed for new foundation support or for underpinning existing foundations. They are also installed diagonally for tension, tiebacks or soil nails. They are a perfect solution for drilling extremely hard rock and soil layers. Park Range can install micropiles in spaces with low overhead clearance, basements and limited access areas to stabilize structures or for additional foundation support.



Photo: Proof-load test



RECENT PROJECT: HELICAL PIERS SUPPORT NEW BOARDWALK



with a greener and more economical solution, for a boardwalk foundation system using galvanized 2-7/8" helical piers.

Park Range was able to save money and time as well as protect the surrounding eco-system.

Reasons to choose this system:

- ◆ Environmentally Friendly
- ◆ No Concrete Cure Time
- ◆ Immediate Loading Capabilities
- ◆ Permanent or Temp Applications
- ◆ All Weather Installation
- ◆ No Vibration Installation
- ◆ Quick Installation
- ◆ No Spoils Created
- ◆ Economical
- ◆ Made in the USA

The traditional concrete method of installing foundations was replaced





Photo: Installation of ECP 1-3/4" sq. galvanized helical piers to support vehicle alignment center and delicate lift column sensors.

Structural Floor Installation

Recently, Park Range Construction was awarded a contract for a national tire store chain to perform extensive remedial structural repairs, which were implemented and completed one week prior to the construction deadline of six weeks and passed all inspections.

The purpose was to correct deficiencies that severely affected their ability to conduct business.

The scope of repair included:

- ◆ Remove & Replace 5" thick reinforced concrete slab
- ◆ Excavate to bottom of foundation
- ◆ Install perimeter drain along with re-establishing 8" wall void beneath existing grade beam.
- ◆ Install ECP helical piers
- ◆ New concrete grade beams

- ◆ 8" thick heavily reinforced structural slab
- ◆ Exterior sloped surface drains
- ◆ Pavement modifications
- ◆ Extensive cosmetics in the finished areas
- ◆ Major door and egress modifications

