


FOUNDATION SUPPORTWORKS™

SLAB PIER SYSTEM



Foundation Supportworks™ stabilizes settling concrete floor slabs with our proven, engineered slab pier system.

STABILITY. SECURITY. INTEGRITY.

Slab Pier System

About

FOUNDATION SUPPORTWORKS™

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SUPPORTWORKS™



Omaha, Nebraska



Seymour, Connecticut

▶ **Foundation Supportworks™** is a network of the most experienced and knowledgeable foundation repair contractors in North America. With dealers from coast to coast, Foundation Supportworks™ is focused on training, gathering, and sharing the best practices in the industry – so your authorized dealer is operating with the resources of literally hundreds of years of combined experience.

Engineered to Perform – Foundation Supportworks™ has both geotechnical and structural engineers on staff for product design, dealer support, and quality assurance of our products. Each dealer is authorized, trained, and certified by Foundation Supportworks™.

What This Means for You – You can rest assured that you will get a quality, safe, secure repair to your foundation – holding up your biggest investment!

Foundation Supportworks™ has major dealer support facilities in Omaha, Nebraska and Seymour, Connecticut.



The Causes of a **SETTLING CONCRETE FLOOR SLAB**

▶ Concrete floor slab settlement is often the result of changes in moisture content or density of the supporting soils. For example, soils beneath a concrete slab can dry and shrink over time due to extended drought-like conditions, leaking HVAC systems, etc. Loosely-compacted fill soils can also consolidate beneath the weight of the slab or fill layers above. A different condition, plumbing lines under the slab can leak, in turn piping soil out and away from under the concrete slab. Each of these conditions creates a void under the concrete slab. If the concrete slab is not strong enough to span the void, the slab will crack, break, and settle into the void.



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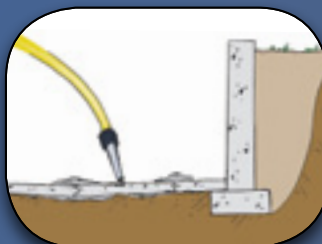
OPTIONS FOR REPAIR

Less desirable, alternative methods



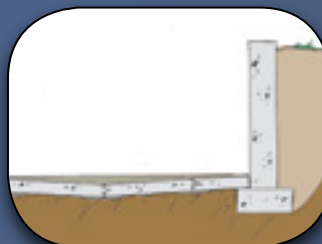
Concrete Slab Replacement

- Very expensive
- Very disruptive
- Does not address the problem
(slab likely to settle again)



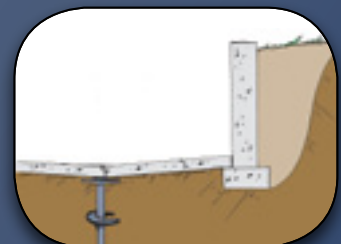
Mudjacking

- Messy, high-pressure grout spews out of other holes & cracks in the slab
- Does not address the problem
(slab likely to settle again)



Re-leveling Grout on Top of Slab

- Adds additional weight, potentially making problem worse
- Additional grout may dislodge if it doesn't bond well to existing slab
- Does not address the problem
(slab likely to settle again)



Helical Slab Piers

- Heavy equipment needed on site
- Relies on empirical formula to calculate capacity
- Difficult to install in areas of limited access

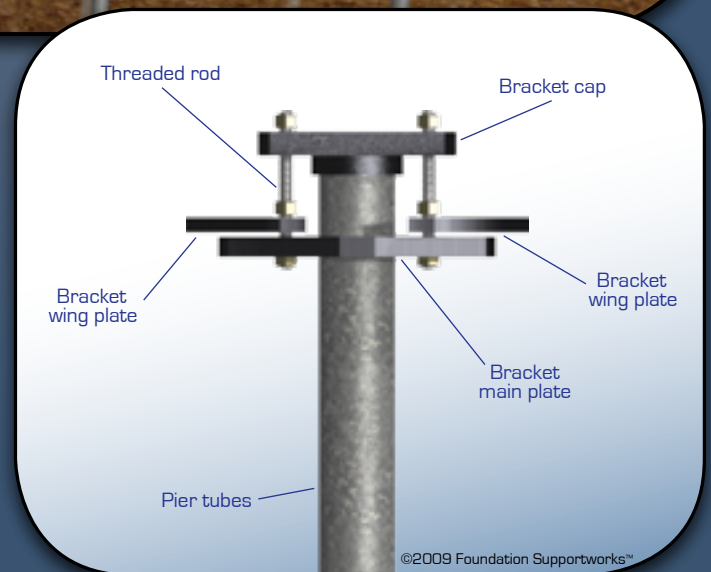
The **PROVEN SOLUTION**

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- Foundation Supportworks™ Slab Pier System stabilizes the concrete floor slab in your home and provides the best opportunity to re-level the floor and lift non-load bearing partition walls that may have settled along with the slab. Rugged steel pier sections are hydraulically driven through a heavy-duty slab bracket to reach competent, load-bearing strata. The weight of your concrete slab floor is then carefully transferred from the original unstable soils, through the piers, to competent soils.

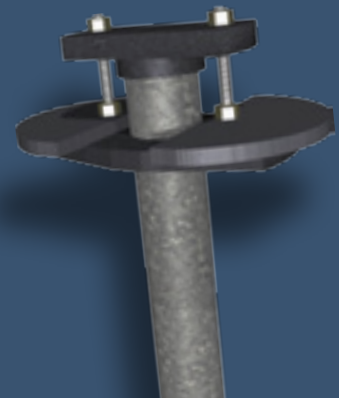


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ADVANTAGES

- Can be installed year-round
- Long life span – galvanized steel is resistant to corrosion
- Non-disruptive/non-invasive – small holes are cored in the slab and are refilled with concrete after pier installation
- Can lift your slab back to a level position, often lifting any partition walls that have settled as well
- Reduces trip hazards
- Below-slab solution – won't be visible after installation
- Deep pier installation extends beyond unsuitable soils
- Restores property value



Steps to a **SAFE & SECURE** Floor Slab



STEP 1

A small hole is cored through the concrete floor.



STEP 2

The slab bracket is positioned beneath the concrete slab.



STEP 3

Steel tubes are hydraulically driven down through the bracket to competent soils.



STEP 4

The weight of the concrete slab is transferred through the piers to load bearing strata. The slab is lifted back to level if possible.



STEP 5

Grout is carefully pumped under the slab to fill the void created by the soil settlement and slab lifting process.



STEP 6

Concrete is placed within the cored hole.

Restore Your **PROPERTY VALUE**

▶ Real Estate professionals tell us that today, more than ever, it is difficult to sell a home with a structural foundation problem. Left untreated, a home's value may have to be discounted significantly to sell, often by much more than the cost of Foundation Supportworks™ slab pier system. Therefore, in most cases, you are saving money by addressing your foundation problem now.

You can rest assured that your foundation is stable. Foundation Supportworks™ slab pier system comes with a 25 year warranty against manufacturing defects and a performance warranty from your local dealer. *Ask your local dealer for details.*



Authorized Dealer of **FOUNDATION SUPPORTWORKS™**