

QUALITY FIRST AND ALWAYS

with



Don't Replace It! Raise It!

Advantages:

Concrete slabs can often be raised for less than half of the cost of replacement
Raising is much cleaner than replacement
Raising is much faster than replacement. Work is usually ready for service in one day

Description of the process:

Preparation for Raising: We drill small holes, 1" in diameter on centers, to permit the slab to be safely raised and to allow the resulting/existing void to be completely filled with grout.

Raising the slabs: We inject grout through the drilled holes with our hydraulic pump until the slab is raised to its proper elevation and alignment, and the voids are filled so that the slab will not only be realigned, but also completely supported. We stress complete void filling for a lasting repair.

Patching and Cleanup: After raising/grouting, the injection holes are cleaned and patched with a sand/cement patching material and the area is cleaned up. Patches will vary in color from the existing concrete. This color disparity will diminish with time.

Equipment Utilized: Electric and Gas powered equipment will be used.

Grout Material: The grout material consists of clean lime, and water in proportion to suit the job. Other modifications will be made to improve the mix as deemed necessary. All materials are durable and stable.

Slab Isolation: The slabs being raised need to be isolated from adjacent slabs and structures. We attempt to provide this isolation if it doesn't exist. We sawcut slabs at existing joints to relieve binding and pinching.

Slab Drift: We attempt to control horizontal slab drift. However, soil conditions or physical constraints may limit our ability to prevent all drift.

Cracks and Joints: As we are trying to quickly remedy conditions that have occurred over a long period of time, we may occasionally cause stress cracks.

We monitor the pressures applied during the raising/grouting process in an attempt to avoid stress cracks, but do not warrant these cracks.

Existing joints and cracks may be more apparent when the slabs are brought back into alignment.

Raised Edges: When one side of the slab settles, the opposite side may raise up. A slab half over a trench that is settling may experience this problem. Normally, the high side of the slab will not come back down into alignment if soil and debris have filled the void that was created when the slab was raised up.

Concealed Conditions: On some rare occasions, we find conditions that are not apparent from our visual inspection of the job, and were not described to us beforehand. If our raising/grouting crew finds that the work cannot be performed, they will stop work, patch holes, and clean up. We will not charge for the time worked, including travel to the job site.

Sub Soils: We do not affect the sub-soil with the raising/grouting process. Continued settlement of sub-soils may result in future settlement of the entire area, including the slabs being raised. Enclosed slabs may rest on loose soils - they are usually granular in nature. We can stabilize these loose granular soils. In order to determine the need for and feasibility of soil stabilization, we offer an examination service.

Owner Responsibilities for Inside or Outside Work: (Unless specifically noted otherwise)

Final determination of the extent to which the slab is raised.
Location, protection, and repair of underground piping and wiring.
Protection of heating, plumbing, and electrical equipment and controls.
Protection of built-in furnishings, wall surfaces, windows, etc.
Removal and replacement of base moldings, wall shims, doors, floor coverings, etc.
Removal and replacement of furnishings.
Repair of cracks in the slab.
Repairs to any portion of the structure resulting from the raising/grouting process.
Ventilation of work spaces if required.
Clearing the areas before the arrival of our crew.
Informing us of any conditions that might impede the work, or be damaged in the course of this work.

Warranty: Our standard Limited Warranty applies.



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Serving Michigan and Northwest Ohio