



United Structural Systems, LLC dba
Foundation Services of Central Florida
4265 Northwest 44th Ave., Ocala, Florida 34482
PHONE: 352.622.9218
TOLL FREE: 866.622.3723
www.FoundationServicesCF.com

QUALITY FROM THE UNDERGROUND UP.

State Certified Contractor CBC-1268713

April 30, 2026

Levy County Road Department
Attn: Don Clifton
620 N. Hathaway Ave
Bronson, FL 32621
352-221-5182 (cell)
352-486-5124 (office)
Clifton-don@levycounty.org

PROPOSAL

Project: Surface Depression, Existing Roadway, Highway 40 E., Inglis, FL
Engineer: Geo-Tech, Inc.
Project No.: 25-4652.04.2

Foundation Services of Central Florida is pleased to present this proposal for sinkhole remediation by Compaction Grouting of the subsiding area at the above-referenced address. This proposal is based on information provided by **Geo-Tech, Inc.**

Here are a few of our features and benefits:

- ✓ In business since **1991**
- ✓ Florida licensed statewide – CBC1268713
- ✓ Fully insured - General Liability, Workers Compensation and Automobile
- ✓ Accredited business with the Better Business Bureau – **A+ Rating**
- ✓ State-of-the-art equipment allows us to complete your project in less time

Thank you again for your time and consideration,

A handwritten signature in black ink, appearing to read "R. Stephenson".

Robert Stephenson
General Manager
Foundation Services of Central Florida

COMPACTION GROUT

Compaction Grouting consists of the stabilization of the soils in the subsiding areas using a low slump grout. This low-slump grouting involves the injection of a sand-cement grout under controlled pressures to compact and displace the soils. This controlled pressure grouting will tend to minimize the possibility of further raveling of soils into solution cavities.



DRILLING

Foundation Services of Central Florida carefully installs grout casings to protect your property throughout the entire process. Our site-specific drilling equipment will install 3” diameter injection pipes to the recommended depth or refusal beneath the existing ground surface at various locations. Foundation Services of Central Florida will angle our grout pipes as requested to maximize the effectiveness by treating them under the interior of the building.

GROUTING

The grouting will begin at the limestone layer. At this depth, the grout will be pumped at pressures in the range of 0 to 300 psi. By utilizing multiple devices, we will monitor the ground surface and structure elevations for movement throughout the grouting process. As the grout injection pipes are extracted, grout displacement will achieve the project repair goal by sealing off the top surface of limestone and filling channels, voids, and unstable soil settlements.



PHASE 2 – POLYURETHANE/CHEMICAL GROUT PROGRAM

The Polyurethane/Chemical Grout Injection should be high-density polymer resins that when mixed, will create an expanding polyurethane (or equivalent) foam that can lift, realign, and fill voids under concrete slabs and foundations being supported by base soils. Typically, once injected, the two-part resin mixture expands into the composite material (foam), binding soils, filling voids and exerting a controlled compressive uplifting force under a limited area of the slab/foundation. The foam then cures into a stable replacement base material for the slab/foundation.



In order to stabilize the shallow loose soils underlying the structure, a program of shallow chemical injection grouting using a specially-formulated polyurethane expanding polymer is also recommended around the perimeter of the structure. This material cures to form a durable, high strength solid grout. Injection of the grout material requires drilling holes through the concrete flatwork or around the outside perimeter of the structure, installing grout pipes, and injecting the grout under controlled pressure to fill voids, densify loose materials, and re-level slabs and foundation elements as deemed necessary by the engineer.

Foundation Services will closely monitor for movement throughout the Chemical Grout injection process.





AP Lift 475

Two component, structural polyurethane foam.

Description Two component, high strength, high density, hydro insensitive structural polyurethane foam. 4.5 to 5.0 pounds per cubic foot. Also available in a slow version.

Applications

- Stabilizing soil.
- Lifting concrete slabs.
- Filling voids.
- Supplemental sinkhole remediation.

Advantages

- High strength.
- Low viscosity.
- Works in wet environments - displaces water.
- Bonds with soil and concrete.
- Traffic ready in 15 minutes.
- Closed cell.
- Certified to NSF 61-5 (Approved for contact with drinking water).



Certified to NSF 61-5
Approved for Contact
with Drinking Water

Packaging 100 Gallon Units, 500 Gallon Units

Physical Properties - Cured

Compressive Strength (ASTM D-1621)	100 p.s.i. or 14,000 p.s.f.
Tensile Strength (ASTM D-638)	100 p.s.i.
Expansion (Unconfined)	14-16 times
Density (ASTM D-1622)	4.5 to 5.0 lbs / cubic foot
Shrinkage (ASTM D-1042/D-756)	None

Properties will vary depending on application conditions. Confined foam strength is typically higher.

Reaction Time @ 77° F / 25° C

Initial Reaction Time	20 seconds
Tack Free	45 seconds
90% Full Strength	15 min

Material Prep Material should be at least 50° F (10° C) to be able to pump out of drums.

Mixing Pre-mix "B" component using center hole on drum and air or electric drum mixer. Mix ratio is 1:1 and should be used with plural component pump.

Equipment Two component proportioner with material heaters, heated hoses and impingement style gun. Call our tech service department for details.

Accessories MixMaster Gun, AP Flush 121, AP Flush 125, AP Soak 130

Personal Protection Safety goggles, face shield, impermeable gloves, long sleeves and pants. Use in well ventilated areas. Open doors and windows. In confined areas use mechanical ventilation to keep vapor concentrations low. Prevent direct contact with skin and eyes. See MSDS.

LIFT SLABS STABILIZES SOIL

Clean Up	Flush injection equipment with AP Flush 121 when necessary. Remove cured material from metal components by soaking in AP Soak 130. Clean off of skin with soap and water.
Environmental Protection	Cured material is chemically inert and safe to dispose of in landfill. Cleanup any spilled liquid resin and place in a suitable sealed container. Dispose of in accordance to applicable environmental regulations.
First Aid	Eye Contact: Immediately flush with large amounts of water. Seek medical attention. Inhalation: Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention. Ingestion: Seek medical attention immediately. Skin Contact: Wipe off contaminated area and wash with soap and water.
Limitations	Low temperatures will increase viscosity making product more difficult to pump. Low temperatures will slow down the reaction time. Keep lid tightly closed.
Storage	Store between 50° - 80° F (10° - 26° C).
Handling	Keep lids on tightly to prevent moisture from entering containers. Avoid direct contact with product. Be careful when opening as pressure may build up inside containers.
Limited Warranty	Alchemy Polymers warrants this product to be free from manufacturer's defects and to meet all published properties on current Technical Data Sheet for a period of one year if used according to published instructions and within the shelf life. The user is responsible for determining suitability for intended use and assumes all risk. No other warranties expressed or implied shall apply including any warranty of merchantability or fitness for a particular purpose. Purchaser's sole remedy is limited to the purchase price or product replacement exclusive of cost of labor or other materials.
Latest Information	Before each use read latest Technical Data Sheets, Material Safety Data Sheets, and instructions available at www.alchemypolymers.com . Nothing contained in any Alchemy Polymers materials or verbal instruction relieves the user of the obligation to read and follow all usage instructions and warnings for each product contained in the latest Technical Data Sheets and Material Safety Data Sheets. All information given by Alchemy Polymers about Alchemy Polymers products and procedures is given in good faith based on our current experience level and knowledge when materials are properly stored, handled, and applied. Jobsite conditions always vary, and for this reason Alchemy Polymers assumes no liability for the provision of such information or instructions. Neither shall any legal relationship be created by the provision of such information.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. READ MATERIAL SAFETY DATA SHEET PRIOR TO EVERY USE.

LIFT SLABS STABILIZESOIL



SCHEDULE OF WORK

SCHEDULE OF WORK

Foundation Services of Central Florida will contact Sunshine 811 to have all underground utilities located as required by law.

Foundation Services of Central Florida will coordinate all work with **Geo-Tech, Inc.**

Foundation Services of Central Florida will make every effort to preserve all landscaping, grass, and building finishes.

Foundation Services of Central Florida will provide a Release of Lien upon receipt of final payment.

SCHEDULE

Foundation Services of Central Florida will require approximately 2-3 weeks to complete the compaction grouting program and approximately 2-3 days to complete the Chemical grouting program.

We can typically mobilize 2-4 weeks from the Written Notice to Proceed, upon receipt of the building permit.

ITEMS TO BE FURNISHED BY OTHERS

Continuous access to and from the work area.

Source of electricity (110 volts) and water.

SCOPE OF WORK

The guidelines for this work shall be in accordance with the subsurface investigation recommendation prepared by **Geo-Tech, Inc.**

These sinkhole repairs do not guarantee that volume changes of clay (expanding and shrinking) will not cause some future settling and/or cracking distress.



SCHEDULE OF PRICES

Foundation Services of Central Florida proposes to perform the work described above for the unit prices listed below. Due to the nature of this type of work and the unknown quantities of materials and depths required to complete the project, the unit price quotations are estimates only. Actual quantities may alter these estimates, and final payment is determined upon actual quantities supplied.

Remediation Program - Compaction Grouting

DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	EXTENDED COST
Permit*	N/A	N/A	N/A
Mobilization	1	\$2,500.00	\$2,500.00
Grout Pipe- 24 inj/30'	720 lf	\$20.00	\$14,400.00
Compaction Grout	240 – 360 cy	\$295.00	\$70,800.00 - \$106,200.00
MOT	13 days	\$950.00	\$12,350.00
Total Estimated Cost Range			\$100,050.00 - \$135,450.00

Remediation Program - Chemical Grouting

DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	EXTENDED COST
Permit*	N/A	N/A	N/A
Mobilization	1	\$1,250.00	\$1,250.00
50 inj/4',6',8',10' depths, 2 Part Chemical	5,000 lbs	\$12.00	\$60,000.00
MOT	2 days (approx.)	\$950.00	\$1,900.00
Total Estimated Cost Range			\$63,150.00

*Fees may be adjusted due to varying costs in different counties/municipalities.



STIPULATIONS

Grout materials delivered, but unable to be placed, shall be charged \$235.00 per cubic yard.

This proposal does not include the cost of an on-site engineer to monitor work.

For grout used over or under the estimated cubic yard, add/deduct \$295.00 per yard.

During the remediation process, soil conditions may make retrieving installed grout casings impossible. If grout casings are lost due to conditions beyond Foundation Services' control, said casings will be charged at a unit rate of \$25.00 per linear foot.

If water is unavailable, a \$95.00 per day fee is added for the trailer.

Any additional costs incurred for removal and/or replacement of HVAC, electrical, plumbing, sewer, pool equipment, sprinkler system, utilities, or any other underground unknowns are not included in this proposal, unless specified, and will be an additional expense. No allowance is included for dealing with previous foundation repair efforts by others or design changes thereof.

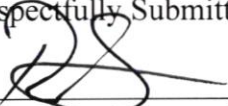


TERMS OF PAYMENT

The balance of the contract is due upon completion. Final payment will be made within 30 days of the invoice date. We accept checks and all major credit cards as a method of payment. The owner agrees to pay the cost of collection should any action be taken to collect any/all amounts due and unpaid, including court costs and attorney's fees. This proposal is good for 30 days.

Thank you for considering us for this project. If we can be of further service, please contact us.

Respectfully Submitted,



Robert Stephenson, General Manager
Foundation Services of Central Florida

Date 5-1-26

Accepted By

Date _____

**THIS PROPOSAL IS TO BECOME AN INTEGRAL PART OF ANY
SUBCONTRACT OR PURCHASE ORDER YOU MAY ISSUE.**

