

Metro Concrete Raising Expands Polyurethane Slab Leveling Services

October 16, 2026

October 16, 2026 -

Metro Concrete Raising has expanded its operational equipment fleet and technical workforce across Dakota County, introducing high-density polyurethane foam injection technology for commercial, municipal, and residential applications. The operational update expands non-invasive slab lifting and soil stabilization services designed to correct uneven driveways, sunken sidewalks, misaligned warehouse floors, and displaced patio surfaces without structural demolition. The deployment of this specialized pumping equipment broadens localized service capacity among concrete contractors in Burnsville, MN for property managers, civil engineering departments, and private homeowners.

Metro Concrete Raising operates as a specialized concrete lifting, soil stabilization, and void-filling contractor serving the greater Twin Cities metropolitan area. Severe freeze-thaw cycles and seasonal temperature fluctuations characteristic of Midwestern climate patterns contribute significantly to sub-grade soil erosion, frost heaving, and moisture accumulation beneath exterior slabs. When underlying soil consolidates or washes away, unsupported concrete slabs fracture and sink, creating tripping hazards and drainage complications. Expanding localized service capacity enables the firm to execute high-precision slab lifting, eliminate structural hazards, and extend the functional lifespan of existing concrete installations.

The primary technical update centers on expanding high-density polyurethane foam injection operations, commonly referred to as poly-jacking. During this procedure, technicians drill small, non-obtrusive entry ports through the settled concrete surface and inject liquid polyurethane compounds into the underlying void space beneath the slab. The liquid material undergoes an expansive chemical reaction, expanding into a rigid, high-density foam that fills subterranean voids, compresses loose sub-grade soils, and lifts heavy concrete slabs back to their original alignment. Because high-density polyurethane cures within minutes, lifted surfaces can be reopened to pedestrian and vehicular traffic immediately following application.

Utilizing polyurethane foam injection offers distinct structural and environmental advantages over traditional mudjacking or total concrete replacement. Polyurethane material is lightweight, adding minimal overburden weight to delicate sub-grade soils, which prevents secondary settlement. The closed-cell chemical

composition of the expanded foam resists water absorption, preventing future washouts beneath the repaired slab. Furthermore, correcting sunken slabs through precision lifting eliminates the noise, heavy equipment traffic, material waste, and extended curing times associated with breaking and repouring new concrete structures.

Alongside physical field expansions, Metro Concrete Raising has launched an educational public resource portal on its official website. The digital repository features informative articles, structural maintenance guides, and diagnostic checklists covering sub-grade soil compaction, concrete maintenance, and slab failure indicators. The publication of these educational materials is designed to inform property owners about structural repair options, providing local residents and commercial facility directors with verified reference data to evaluate maintenance strategies prior to securing concrete contractors in Burnsville, MN.

Technical crews at Metro Concrete Raising undergo ongoing field training covering precision laser alignment, void detection, chemical mixing ratios, and site safety management. Adhering to established industry standards ensures that high-density foam injection procedures are executed accurately, preventing over-lifting and preserving the structural integrity of adjacent structures. Conducting preliminary site assessments before initiating injection protocols allows field technicians to confirm soil suitability and calculate precise material volumes needed for stable surface restoration.

The expansion of specialized concrete raising operations coincides with ongoing commercial development and residential property upkeep across Burnsville and Dakota County. Property managers and municipal authorities increasingly prioritize non-destructive restoration techniques that lower long-term infrastructure repair costs while reducing raw material consumption. Establishing localized access to high-capacity polyurethane injection systems enables regional property owners to address physical safety hazards promptly and maintain compliant pedestrian thoroughfares.

Future operational initiatives for Metro Concrete Raising include expanding digital route optimization software, acquiring additional mobile pumping units, and integrating low-emission field transport vehicles to support regional site visits. The firm plans to maintain its core concrete lifting and soil stabilization services while scaling its polyurethane foam injection capacity to support growing municipal, commercial, and residential infrastructure needs throughout the south metropolitan region.

Property owners, commercial facility managers, and civil developers seeking technical specifications, site evaluations, or educational resources regarding polyurethane slab lifting can contact the company's administrative office directly or visit their official website. Metro Concrete Raising continues its regular site assessments, polyurethane foam injections, and concrete stabilization operations from its established

Burnsville facility location.

###

For more information about Metro Concrete Raising, contact the company here: Metro Concrete Raising
Concrete Raising (952) 213-0953 info@mcrimn.com

Metro Concrete Raising

Website: <https://www.metroconcreteraisinginc.com/>

Email: info@mcrimn.com

Phone: (952) 213-0953