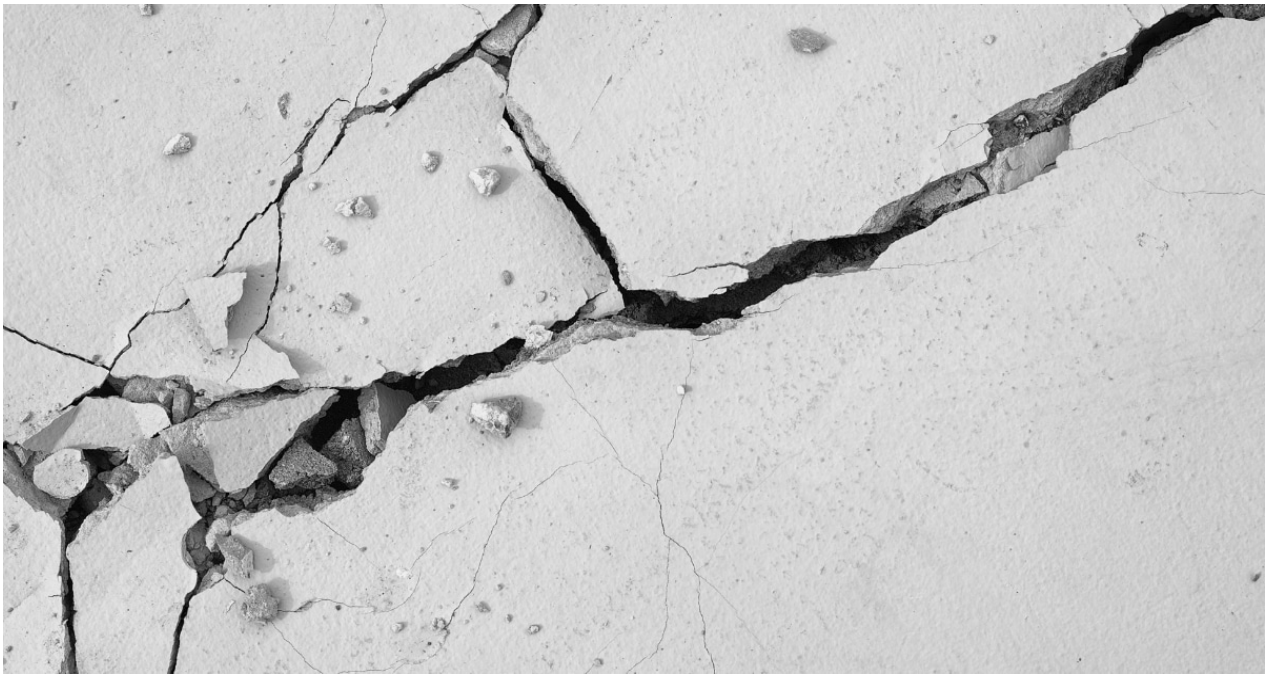

Mountain Valley Engineering Emphasizes Comprehensive Evaluation Process for Foundation Issues

May 22, 2026

SALT LAKE CITY, UT - May 22, 2026 - PRESSADVANTAGE -
Mountain Valley Engineering has highlighted its systematic engineering-based approach for evaluating foundation problems and structural concerns affecting properties throughout Salt Lake City. The structural engineering firm emphasizes the importance of thorough assessment before developing repair solutions for issues including foundation cracks, structural shifting, settlement, and soil movement.

The company's evaluation process addresses growing concerns among property owners who encounter warning signs of potential structural problems. Through detailed site assessments and engineering analysis, the firm determines the underlying causes of foundation and structural issues before creating customized repair plans.

"Property owners often discover cracks in their foundation or notice doors and windows that no longer close properly, but determining the severity and cause requires professional engineering expertise," said Justin

Fendley, M.S.E., P.E., founder of Mountain Valley Engineering. "Our evaluation process examines not just the visible symptoms but the underlying structural and soil conditions that contribute to these problems. This comprehensive approach ensures that repair plans address the root causes rather than just surface issues."

Mountain Valley Engineering in Salt Lake City utilizes industry-standard software for detailed structural analysis combined with on-site evaluations to assess foundation and structural concerns. The firm's process includes examining soil conditions, analyzing load distribution, evaluating seismic considerations specific to Utah's building codes, and documenting the extent of any settlement or movement.

The evaluation methodology serves various stakeholders in the real estate and construction sectors. Homeowners planning renovations or addressing existing problems receive detailed assessments that inform repair strategies. Real estate professionals gain objective, data-driven inspections for transaction purposes. Contractors and developers benefit from engineering expertise that ensures code compliance and structural integrity.

Foundation and structural issues can stem from multiple factors including soil composition changes, water infiltration, seismic activity, and natural settling over time. The firm's engineering-based evaluation identifies these contributing factors through systematic analysis, enabling the development of targeted solutions that prevent recurring problems.

"Each property presents unique challenges based on its construction, age, soil conditions, and environmental factors," added Fendley. "By conducting thorough evaluations before proposing solutions, we help property owners understand the full scope of their structural situation and make informed decisions about necessary repairs."

The company's evaluation services extend beyond foundation concerns to include load-bearing wall assessments, structural inspections for code compliance, and analysis of additions or modifications to existing structures. This comprehensive approach supports both preventive maintenance and remediation efforts.

Mountain Valley Engineering operates as a licensed structural engineering firm serving residential, commercial, and industrial clients across Utah, Nevada, Texas, Alabama, and Oklahoma. Founded in 2024 by Justin Fendley, who holds degrees from Auburn University and Georgia Tech, the firm specializes in structural solutions including foundation repair plans, residential additions, and code-compliant designs. The company maintains active membership in the American Society of Civil Engineers and the Utah Home Builders Association, bringing over a decade of structural design experience to each project.

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Mountain Valley Engineering

Founded in 2024 by licensed engineer Justin Fendley, Mountain Valley Engineering provides fast, reliable structural solutions for residential and commercial projects in Utah.

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