



Proudly Celebrating 250 Years of America

Honoring American Innovation, Infrastructure, and Engineering Excellence!



As America celebrates its 250th Anniversary, we honor two and a half centuries of courage, innovation, sacrifice, and enduring hope. Since 1776, generations of Americans have worked to build a nation founded on the principles of liberty, opportunity, and self-government. This historic milestone is a time to reflect on our shared history, recognize the resilience of the American people, and look ahead with renewed hope. The Semiquincentennial stands not only as a celebration of our nation's past achievements, but also as an inspiration for future generations to continue shaping the promise of America for the next 250 years!

Progress continues on PR-52, Puerto Rico

In November 2022, a landslide along Highway PR-52 near Salinas, Puerto Rico, caused significant slope instability that threatened the roadway. The original stabilization plan included benching, soil nails, and high-strength steel mesh. During excavation, a previously unmapped fault zone containing weak, highly fractured rock was encountered, leading to unexpected ground conditions and a partial slope failure. Emergency stabilization measures, including buttressing and re-grading, were implemented to restore stability and complete construction. This project highlights the importance of adaptive design, continuous geotechnical observation, and rapid response when subsurface conditions differ from expectations.





Hillside Stabilization

KANE provided construction technical services during installation of a slope stabilization system in Pasadena, California. Services included anchor layout verification, proof test observation, structural observations, and final inspection to confirm conformance with approved stabilization plans and specifications.



Los Angeles Slope Stabilization

BEFORE



KANE continued supporting project construction through comprehensive construction oversight and quality assurance services. Responsibilities included reviewing contractor submittals, participating in pre-construction planning, directing field layout activities, overseeing grout sampling and testing, observing soil nail verification and proof testing, and inspecting structural components of the stabilization system. Throughout construction, KANE GeoTech verified compliance with project plans and specifications and, upon completion, provided final certification confirming the system was installed in accordance with the approved design.

The project continues to demonstrate the successful integration of stabilization and natural restoration, with vegetation regrowth progressing across the slope. As the landscape recovers, the TECCO® high-strength steel mesh system blends into the surrounding environment while continuing to provide critical slope protection and long-term stability.



Welcome

Please join us in welcoming **Marcos Martinez Navarro** to our Stockton office as a Staff Civil Engineer.

Marcos is a 2025 graduate of Sacramento State University with a Bachelor of Science in Civil Engineering. He has a strong background in geotechnical engineering and geohazard evaluation.

We are excited to have Marcos on our team!



Congratulations to Joseph A. McElhany, PE, on Connecticut PE Licensure



KANE is pleased to announce that Joseph A. McElhany, PE, has obtained his Profession Engineer (PE) license in the State of Connecticut. This accomplishment further expands KANE's ability to provide professional engineering services and support to clients.

We congratulate Joseph on this achievement and look forward to the opportunities this new licensure brings.

KANE

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