

FARRELL CURRENTS

SUMMER 2009

photo by Tom Farrell at 2008 SEAOC Convention



OAKLAND, CA

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WESTMINSTER, CA

FARRELL MAKES A SPLASH WITH IMPACT® PIER CONSTRUCTION IN CALIFORNIA!

Farrell Design-Build completes several projects in 2008 and 2009 using Impact® Pier, a robust Rammed Aggregate Pier® system to mitigate liquefaction of sand to depths of 50 feet. Jobs in Northern & Southern California include liquefaction mitigation and foundation settlement control. The full displacement Rammed Aggregate Pier® system densifies and reinforces sand, and eliminates casing.

At Restaurant Depot located in Oakland, Farrell installed over 2,500 Impact piers for liquefaction mitigation and settlement control to support fill and a 1-story, slab-on-grade, steel frame warehouse.

At Moran Asian Garden in Westminster, over 3,000 Impact piers were installed to support a 5-story Senior Living Condominium.

At Trestle Glen BART Transit Village adjacent to the Colma Station over 400 Impact piers were installed to depths of 40 feet to mitigate liquefaction settlements from sand beneath the site.

At the Ironhouse WWTP site in Oakley, Farrell installed over 2,000 Impact piers to control liquefaction in sand to depths of 20 feet.

For more information on the Impact Pier system, visit our website at www.farrellinc.com/impact-pier-california.htm.

When you have loose soil and need liquefaction mitigation, Farrell Design-Build has the foundation solutions. Contact Farrell for engineering, foundation feasibility and estimates, or a bid today!

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impact® Impact® Pier Makes a Splash Across California

geopier® gets DSA Approved at School of Engineering & Sciences in Sacramento, CA.

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Farrell Receives MBE & SBE Certifications

New Office Location

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Farrell Scores First DSA Approved High School Campus with Sacramento Unified School District at the School of Engineering & Sciences!

Geopier® RAPs were recommended by Wallace Kuhl & Assoc. and LFR, Inc. for the School of Engineering and Sciences project for the Sacramento City Unified School District. Regent Development and McCarthy Building Companies Inc. attest to the cost savings and schedule advantages by going with the Rammed Aggregate Pier® system for foundation support.



The project consists of five 1 & 2-story wood frame buildings of approximately 8,000 square feet for classrooms and admin. bldg. plus a 16,000 square foot, steel braced frame, library building.

With the recommendations and support of LFR, Wallace Kuhl, KNA Consulting, and WLC Architects, Farrell delivered a complete Geopier® foundation solution to DSA. This team successfully addressed DSA comments for Geopier bearing and seismic uplift and lateral loading of the structures.

Over 500 RAPs were installed in less than 5 weeks. "By utilizing the RAP system, we were able to begin footing excavation and slab construction after 50% of the RAP elements were installed. This further enhanced our schedule," says John Redinger, Superintendent for McCarthy Building.

According to Regent Development, the lease back developer, the Geopier system saved over \$1.2 million in foundation costs for this high school campus and city library project.



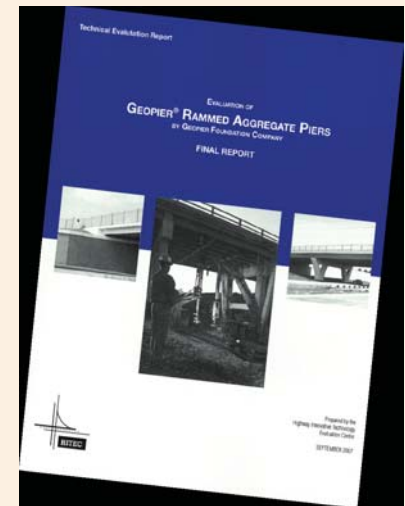
Get on BOARD with the New HITEC Report for GEOPIER®!



Geopier® Rammed Aggregate Piers are the only Soil Improvement Technology with a HITEC evaluation!

HITEC is sponsored by the FHWA, CALTRANS, and DOTs across the US.

The HITEC evaluation report keeps you in the loop with Geopier solutions for foundations, MSE Walls, & embankments.



RECENTLY PUBLISHED PAPERS

Farrell, Kenney, and Fitzpatrick (2008) "Uplift Testing of Rammed Aggregate Pier Systems," ASCE Geo-Institute's GEESD IV, Sacramento, CA.

Fiegel and Farrell (2008) "Measurement of Vibration and Noise During the Installation Of Rammed Aggregate Piers," 6th Intl. Conference on Geotechnical Case Histories, Arlington, VA.

Majchzrak, Farrell, and Metcalfe (2009) "Innovative Soil Reinforcement Method to Control Static and Seismic Settlements," International Foundations Congress & Equipment Expo, Orlando, FL.

For a copy of HITEC or Papers call us at (530) 621-4867 or email nikki@farrellinc.com

**Farrell Successfully Completes
First Green Resort Project in the US ...
The Village at Northstar in Truckee CA!**

**ENHANCE LEED® POINTS
WITH GEOPIER® RAPs!**



GEOPIER jobs using recycled materials ...

- > Toyota of Oakland
LEED® Registered
- > DPR ABD Office Bldg, Sacramento
LEED® Certified **SILVER**
- > Mechanics Bank, Napa
LEED® Registered
- > Recreation and Wellness Center
Sacramento State University
LEED® Registered
- > UC Davis West Entry Parking Garage
- > 14th Street Apartments, Oakland
- > Santa Clara VMC Parking Garage
- > Carroll Street Station, San Francisco
- > Kaiser Permanente MOB, Modesto

For the Village at Northstar, Geopier was selected for construction because of the success Farrell delivered at Ritz Carlton just up the mountain in 2006. Additionally, the benefits provided by Geopier for cost savings, schedule, and sustainability, made the choice easy for developer East West. The Village Grand Sheraton Hotel and Condominium project consists of a four-story building with a basement and first-level parking garage.

Locally recycled aggregate was used in the RAPs. Strict regulations on equipment emissions and oil leaks were enforced. Being situated in the Sierra Nevada just northwest of Lake Tahoe, smog testing was required and performed on all equipment prior to mobilization to meet the strict regulations. The key environmental benefits uniquely distinctive of the Geopier system plus the equipment safety and maintenance performance by Farrell Design-Build assisted in earning LEED® points toward Certification for the project.

Farrell Transitions Ownership in 2008 and Introduces Key Employees

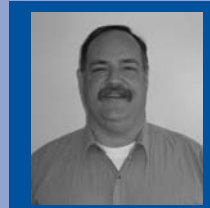


Michael Farrell retires with over 32 years of contracting in California. Michael leaves a legacy of trust-worthy hand shake deals, acting by your word, and always leaving a quality job complete. With Tom and Katie leading, Farrell continues with proven foundation solutions + unmatched customer service!

FARRELL'S KEY STAFF EXCEL AT SERVING OUR CUSTOMERS!



Tom Farrell, GE
President / CEO
tom@farrellinc.com



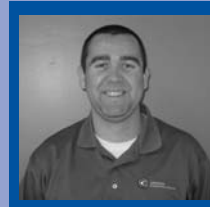
Bill Kenney, GE
Engineer Manager
bill@farrellinc.com



Brian Armstrong
Operations Manager
brian@farrellinc.com



Katie Farrell
Controller / CFO
katie@farrellinc.com



Kyle Wallace, PE
Project Engineer
kyle@farrellinc.com



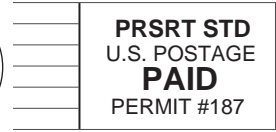
Nikki Peterson
Marketing/Business
Development
nikki@farrellinc.com

Also including: Sue Sheehan-Accounting; Sally Carpenter-Contracts; Tim Kuhnert-Safety/Operations; Julie Sena-Reception; Sam Warren-CAD Designer; Jack Hindman & Greg Winters-Superintendents; and the Crew



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Proven Foundation Solutions + Unmatched Customer Service!

Farrell Design-Build & GEOPIER® CALIFORNIA Now Mobilize Across California.

More Service with the Same Cost Saving Quality, Schedule Advantages, and Proven Foundation Solutions.

More News at Farrell

Geopier Foundation Company - Northern California is now **GEOPIER® CALIFORNIA** a member of Farrell Design-Build.

With the transition of ownership, Farrell Design-Build received MBE and SBE Certification. For Projects with DBE and/or SBE goals, Farrell Design-Build and help reach those goals!

Check out the Farrell / Geopier California booth at SEAOC San Deigo, Farrell exhibited at SEAOC in Kona, Hawaii; at CalGeo conference; at ASCE Geo Institute's GEESD IV Conference in Sacramento.

Farrell Design-Build Has Moved!

Please Update Your Records! New Location... Same Phone and Fax!

**3025 Venture Road
Placerville, CA 95667**

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www.farrellinc.com



**Auger-Cast Piles
Drilled Displacement Piles
Screw Pipe Piles &
Driven Grout Piles**

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