

CLIENT BENEFITS:

- Lowney's detailed analyses of liquefaction potential allowed the buildings to be supported on conventional foundations, which resulted in substantial construction cost savings.
- Lowney provided lime treatment recommendations to eliminate the cost of importing non-expansive fill.
- Lowney's local knowledge and extensive foundation experience helped facilitate the successful and cost-effective completion of **Green Valley Land, LLC's** development.



Rob Nixon, P.E., G.E.

Geotechnical Services for Green Valley Corporate Park, Fairfield

When another firm's geotechnical recommendations were deemed not feasible due to the associated high construction costs, **Green Valley Land, LLC** retained Lowney Associates as Geotechnical Engineer-of-Record. The development consisted of three office buildings at the 125-acre Green Valley Corporate Park in Fairfield. The Copart building, adjacent to Interstate 80, is a three-story structure totaling approximately 100,000 square feet. The second and third buildings are each two stories, totaling approximately 111,000 square feet. Lowney also provided construction observation and testing services. **Riechers Spence & Associates, Inc.** was the civil engineer; **Devcon Construction** was the design-build contractor; and **Nishkian Menninger** was the structural engineer for the project.

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

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