

Oakvale Road Realignment

Critical Infrastructure




Ninyo & Moore

A SOCOTEC COMPANY

Engineering Excellence Overview

The background features a series of overlapping, wavy lines in shades of blue and green, creating a sense of motion and depth. The lines are most prominent in the upper half of the page, framing the title.

Through precise engineering and thorough quality control, Ninyo & Moore, A SOCOTEC Company, ensured the successful realignment of Oakvale Road for new dam construction, demonstrating the expertise and reliability clients can expect for critical infrastructure projects.

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Challenge



- Realigned ~1,200 feet of Oakvale Road for new roller-compacted concrete dam.
- Excavated ~56,000 cubic feet of soil & rock on steep $\frac{3}{4}$:1 slopes.
- Ensured roadway, storm drain, pavement, and grading meet strict performance and safety requirements.



Solution



- **Geotechnical:** conducted site investigations, slope stability analyses, and rock anchor designs.
- **Materials Testing:** verified soil, aggregate, and asphalt concrete compliance.
- **Special Inspections:** reviewed steel, formwork, concrete, anchors, and welding.



Results



- Safely relocated road to support dam construction.
- Achieved full compliance with structural & materials standards.
- Partnered with stakeholders to optimize schedule and reduce risk.

Read about the full project at
ninyoandmoore.com

Contact Us!

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