

50 Robert Milligan Parkway

Merrimack, NH | R.S. Audley



- Project Overview:** A 324,000 SF industrial/distribution facility built on a 43-acre former quarry site abutting the F.E. Everett Turnpike, featuring complex geotechnical stabilization, extensive blasting, and a 250,000-gallon fire cistern, completed for Trammel Crow-Boston.
- Key Features:**
 - Stabilized the southern site with a 65,000 cubic yard soil surcharge and settlement monitoring to address uneven subsurface conditions.
 - Constructed a 1-acre under-parking stormwater chamber system to manage runoff from the 7-acre roof.
 - Graded a 7-acre floor slab using CAT 14M motor graders with safety protocols to prevent carbon monoxide exposure.
- Challenges Overcome:**
 - Managed a 75-foot presplit ledge face and Turnpike proximity, requiring NHDOT encroachment permits and daily lane closures for blasting.
 - Addressed owner concerns about a potential highway taking by securing NHDOT confirmation and supporting legislative removal of the plan.
 - Navigated environmental constraints near Pennichuck Reservoir, implementing a gravel wetland and closed drainage system.
- Project Impact:** Transformed an unbuildable quarry into a tax-generating industrial hub, leased to a 200,000 SF user moving in early 2026, enhancing Merrimack's economy.

- Teamwork:** Achieved through R.S. Audley's site civil expertise, with Trammel Crow-Boston (owner), R.C. Andersen (GC), Haley Aldrich (geotechnical), and Bohler Engineering (civil design), collaborating on innovative stabilization and utility solutions.

