



# Construction Materials Testing

*Whether simple or complex, Cardno has the quality control and materials testing expertise for any size project nationwide.*

We provide systematic testing and inspection services to assure construction materials used by the contractor meet quality specifications. We routinely provide assistance in the construction of foundations, highways, railroads, dams, bridges, towers, buildings, airports, industrial plants, water supply and sewage treatment facilities, dock and waterway facilities, power plants and many other construction projects.

Cardno works with architects, engineers, owners and project participants throughout each phase of the project – from feasibility/planning, design development, construction and fabrication, and post-construction operations.

Our engineers provide real-time data and reports and work closely with construction managers to minimize material replacements, avoid potential failures, and investigate and address materials-related problems and failures.

Cardno's health and safety program is the highest rated in the industry and our client satisfaction rating helps to keep our clients returning.

Our professional possess a deep knowledge of local, municipal, federal regulations and can be scheduled on an as needed 24/7 basis, enabling projects to move forward more efficiently.

Cardno performs quality assurance and materials testing services for thousands of projects annually including some of the largest capital projects in the US offering:

- > 20 CMT labs nationwide to serve our vast private and government client base

- > 24/7 scheduling for field and lab professionals in response to client's and subcontractor's construction timeline.
- > Custom engineering alternatives to design and construction specifications for each project as necessary

Our services may be conducted in the laboratory, fabricating plant or at your construction site and include:

- > Preconstruction planning
- > Preconstruction design development
- > Construction materials testing and inspection
- > International Building Code (IBC) special inspections
- > Deep foundation testing and monitoring
- > Structural steel observations and inspections
- > Vibration and blast monitoring
- > Floor profiling
- > Building envelope quality assurance
- > Threshold inspections
- > Roofing & waterproofing consulting new roof construction and forensic roof surveys
- > Disaster response
- > Asset management / maintenance technology
- > Forensic non-destructive testing/inspection
- > Post-construction and operations
- > Stormwater monitoring services (NPDES)
- > Examination/testing of in-place materials
- > Nuclear quality assurance
- > Water intrusion inspections for building interiors