



VANGUARD

CONSTRUCTION SOLUTIONS

Construction Monitoring Services



DEMOLISH RISK. BUILD SUCCESS.

Ensuring your construction projects comply with local, city and state regulations while minimizing costs.

Call Us:
860-717-4101

239 New Milford Tpk
New Preston, CT 06777

1511 Route 22
Brewster, NY 10509

www.vanguardnewyork.com



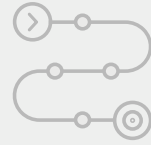
Vanguard Construction Solutions provides a full suite of construction monitoring services



ACCURATE MONITORING



DETAILED REPORTING



QUICK TURNAROUND

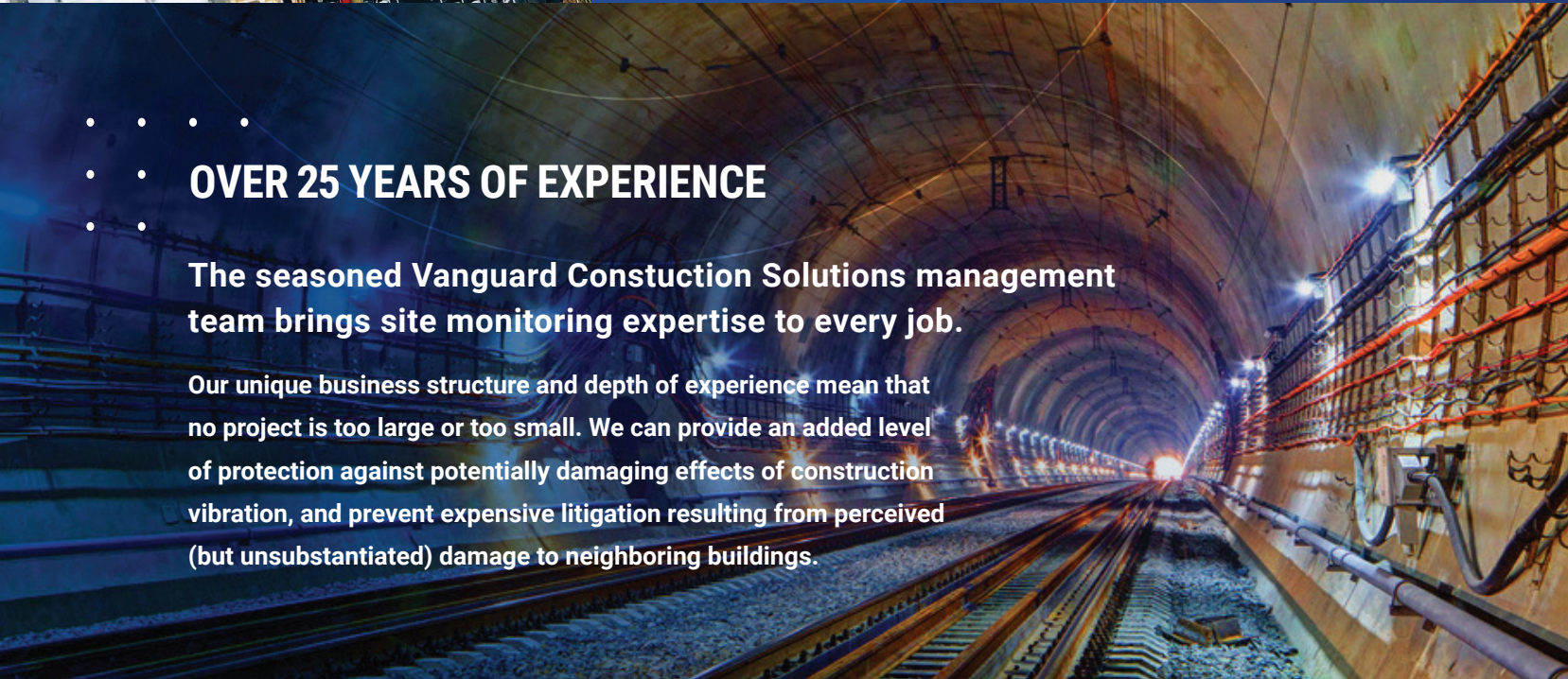


From preconstruction surveys; vibration, dust, environmental noise, crack monitoring to optical survey services (horizontal and vertical control); MTA tunnel inspection and monitoring for New York City projects.

OVER 25 YEARS OF EXPERIENCE

The seasoned Vanguard Construction Solutions management team brings site monitoring expertise to every job.

Our unique business structure and depth of experience mean that no project is too large or too small. We can provide an added level of protection against potentially damaging effects of construction vibration, and prevent expensive litigation resulting from perceived (but unsubstantiated) damage to neighboring buildings.



Our Services



Pre-Construction Survey

Using industry-leading tools and documented observations, we record the existing conditions of the properties neighboring your construction site prior to your project's start.

Vibration Monitoring

We carefully monitor and record any impact your construction projects may have on surrounding structures and alert you to potential causes of concern before issues arise.

MTA Monitoring

Our on-site MTA Track Safety-certified technicians protect your MTA project through tunnel inspection, vibration & crack gauge monitoring, and horizontal and vertical control.

Horizontal & Vertical Control Surveys

We perform baseline horizontal and vertical control surveys needed during the underpinning, dewatering, excavation and demolition phases of your project.

Crack Gauge Monitoring

We inspect and document existing cracks in your own and neighboring buildings before construction starts, then install crack gauges for ongoing, remote monitoring for the duration of your project.

Tilt Monitoring

Vanguard Construction Solutions' tilt meters, designed for either manual monitoring or remote data acquisition, can provide long-term observation with maximum resolution and sensitivity.

Environmental Noise Monitoring

To prevent delays, penalties or ill will during construction, we provide a comprehensive monitoring plan to help you assess environmental noise from your project so you can modify it within acceptable parameters.

Dust Monitoring

Our dust monitoring plans measure dust in real-time, allowing for rapid implementation of dust suppression activities if necessary. We can also advise on best management practices to help prevent dust from leaving the work zone.

Video Surveillance

Our remote video surveillance services and tools allow you to view your project live anytime, from anywhere, and quickly share updates with project stakeholders or clients.

Robotic Total Station

Vanguard Construction Solution installs robotic total stations near construction sites to monitor potential movement of nearby structures due to ongoing construction. These can be remotely monitored in near-real-time.

Manhole Inspection

Using advanced digital inspection instruments, we perform Levels 1 and 2 manhole inspections to record existing conditions, provide insights to project managers and avoid undue litigation.

ROBOTIC TOTAL STATIONS & SEWER INSPECTION





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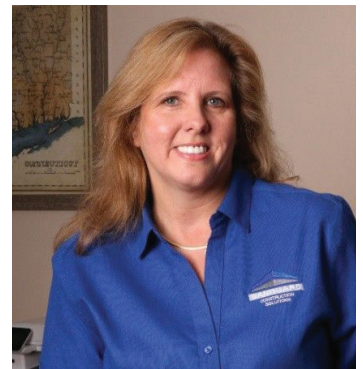
ALL PROJECT TYPES

- Corporate Centers
- Science & Research
- Healthcare
- Convention Centers
- Houses of Worship
- Athletic Facilities
- Commercial
- Residential
- Environmental
- Industrial
- Energy
- Rail & Highway



We're proud to be a Certified Minority/ Women-Owned Business Enterprise

Led by the company's founder, Donna M. Pepe, Vanguard Construction Solutions has successfully completed a lengthy and intensive certification process to become a certified minority women-owned business enterprise (M/WBE) with the State of New York, New York City and The Port Authority of New York & New Jersey. Working with a certified M/WBE can enable your company to take advantage of Federal – and possibly other – tax incentives. Plus, you benefit from a team that can innovate, respond quickly to changing needs, complete projects fast and accurately, while delivering organized, highly detailed reports.



NATIONAL COVERAGE

We have the technology to cover the
entire United States.



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