

# Tectonic

PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.



2023

CORPORATE  
PROFILE





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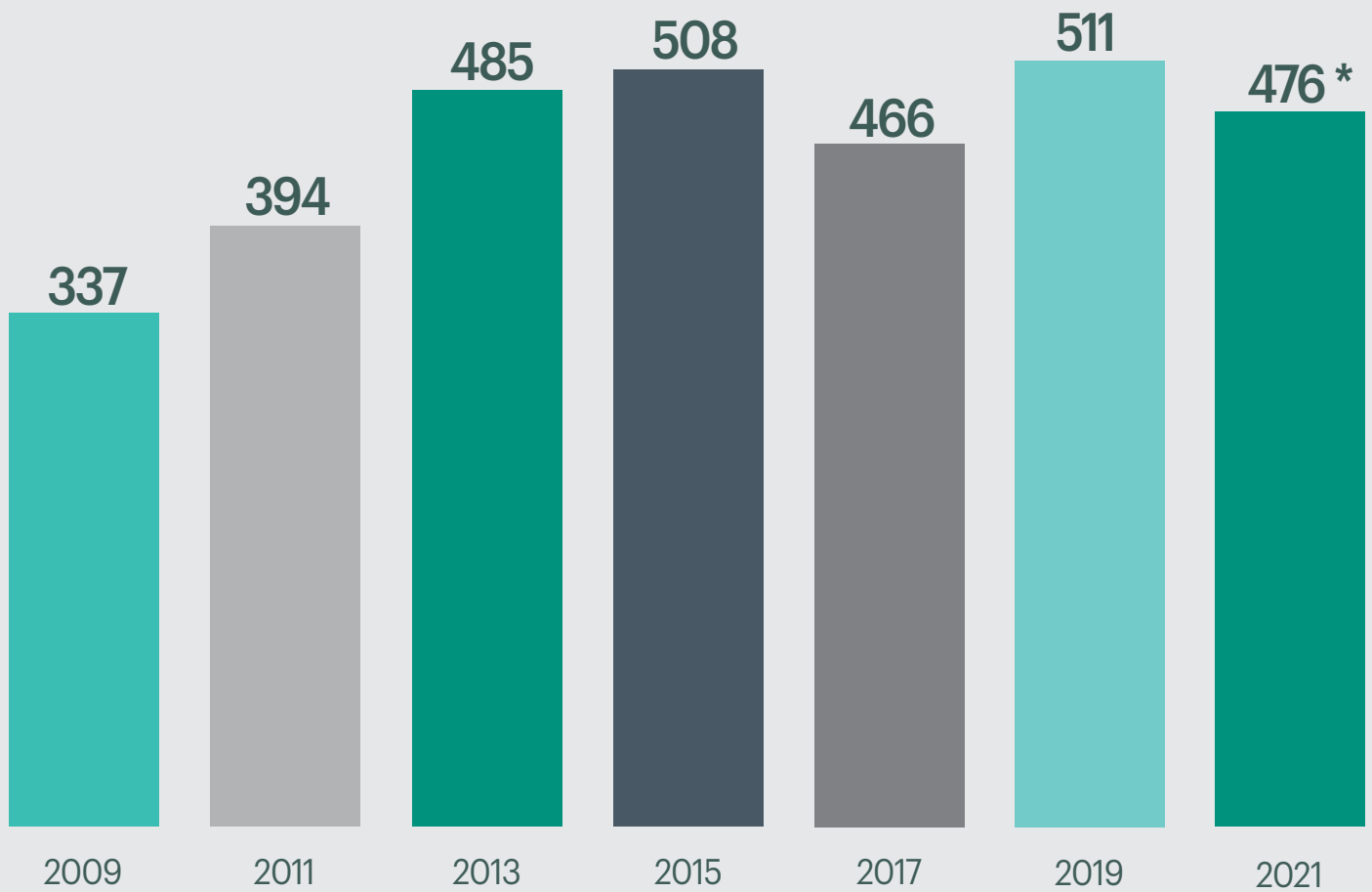
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## NUMBER OF EMPLOYEES



\* Number of employees as of December 2021

# ABOUT US

Founded in 1986, Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. is a multi-disciplined engineering firm employing a staff of approximately 500 professionals comprised of civil, structural, geotechnical and environmental engineers, surveyors, planners, and construction inspectors. The substantial experience of our staff presents a company that is highly qualified to accomplish projects varying in size, scope or complexity.

To ensure the standard of quality expected by our clients, we concentrate our services on core market sectors that reflect the strength and talent of our staff. Tectonic provides a full range of professional services in the following market sectors: Disaster Recovery, Energy, Institutions, Education and Healthcare, Land Planning, Telecommunications, Transportation, and Water Resources.

In 37 short years, Tectonic forged a reputation within the engineering and construction community for its technical knowledge, rigorous standards and fresh approach as design engineers and construction consultants. We take pride in the integrity and technical application of our services and strive to accomplish the goals of each Client.

As a result, our successes on contracts and overall activity in the industry are both recognized by our Clients through positive evaluations, and by reputable organizations through award and ranking programs.

The Zweig Letter ranked Tectonic #91 on its 2022 Hot Firm list of Architectural and Engineering Firms in the U.S. and Canada.

Tectonic continues to be listed on the annual Top AEC Firms list by Public Works magazine.

Our recent recognitions also include:

- **ENR National Top 500 Design Firms:** #186 in 2022
- **ENR National Top 100 Construction Management-for-Fee/PM Firm:** #52 in 2021
- **ENR National Top 50 Design Firms by Sector:** Telecommunications #35 in 2022
- **ENR National Top 10 Design Firms by Sector:** Towers and Antennae #8 in 2022
- **ENR NY Top Design Firms:** #23 in 2022
  - Market Sector Ranking:**
    - Government/Public Service - #10 (in 2020)
    - Surveying and Mapping - #4 (in 2019)
- **Trenchless Technology Top 50 Design Firms:** #44 in 2022
- **Crains Largest Engineering Firms in NY Area:** #19 in 2020

We are a member of the American Council of Engineering Companies (ACEC) of New York — winning several awards for various projects, including a **2023 Diamond Award for “Upper Collinsville Dam - Hydroelectric Power Plant Retrofit”**.

When you choose Tectonic you work with some of the finest professionals in the business — professionals who understand your goals and will put their skills and resources to work for you - professionals who will earn your trust and confidence, every day and on every project.



“

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”

# MISSION STATEMENT

## TECTONIC'S GOALS, MISSION STATEMENT AND PHILOSOPHY

Tectonic has been guided by a focused philosophy since the firm's beginning - vision, integrity and technical expertise. Simply put, Tectonic's goals are to:

- Maintain the standard of quality expected by our Clients on each and every project.
- Complete projects within budget and on-time.
- Exceed our Client's expectations.

“Practical Solutions, Exceptional Service”

## PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

### PROFESSIONAL REGISTRATIONS:

Professional Engineering Registration in 49 States  
Professional Planner  
Professional Land Surveyor  
Professional Geologist  
Licensed Environmental Professional (LEP)  
Licensed Site Remediation Professional (LSRP)  
Registered Professional Archaeologist (RPA)  
Certified Industrial Hygienist (CIH)

### CERTIFICATIONS:

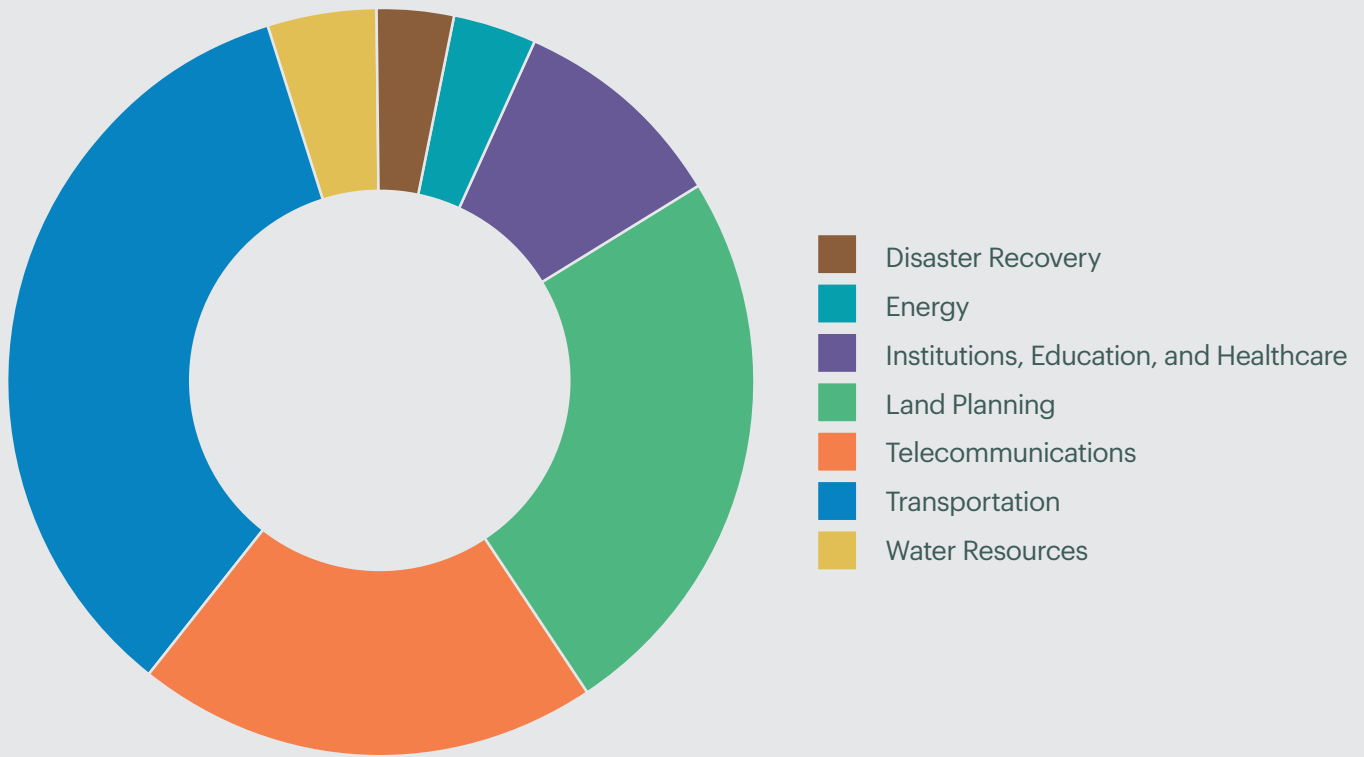
Construction Inspection/Laboratory Testing  
National Institute for Certification in Engineering Technologies (NICET) Certified  
AASHTO Certified Materials Testing Laboratory  
Occupational Safety and Health Administration (OSHA) Certified  
American Concrete Institute (ACI) Certified  
NYC Department of Buildings Certified Concrete Testing Laboratory  
NYC Department of Buildings Certified Class 1 Special Inspection Agency  
National Voluntary Laboratory Accreditation Program (NVLAP) Certified  
US Army Corps of Engineers Certified Materials Testing Laboratory

Homeland Security  
Sandia Risk Assessment Methodologies (RAM) Technologies  
Federal Emergency Management Agency (FEMA) Certified  
ANSI/ASME-ITI/AWWA J100 RAMCAP® Standard for Risk and Resilience Management  
of Water and Wastewater Systems

Health & Safety Certifications  
Cardiopulmonary Resuscitation (CPR) trained/certified  
AMTRAK trained/certified  
Metropolitan Transportation Authority (MTA) trained/certified  
Comtrain Certified Tower Climbers



# TECTONIC SERVICE MARKETS





# MARKETS

To ensure the standard of quality expected by our clients, we concentrate our services on core market sectors that reflect the strength and talent of our staff. Tectonic provides a full range of professional services in the seven market sectors listed below.

**DISASTER RECOVERY:** Tectonic's engineers understand the implications of global climate change and extreme weather events and incorporate sustainability and resiliency into each of its design projects. The firm has also become a trusted partner in helping state governments successfully implement large scale rebuilding efforts after a major storm event. It has developed programs, critical paths, and workflows for state and local agencies to successfully respond to these challenges.

**ENERGY:** Planning and engineering services for both private and public energy generation facilities and transmission infrastructure, pipelines, facility energy efficiency, and Smart Grid solutions for renewable and fossil fueled energy projects.

**INSTITUTIONS/EDUCATION/HEALTHCARE:** Complete professional services for vertical construction and site development within the institutional, educational, and healthcare sectors, for private, non-profit and for-profit foundations, public agencies, and corporations. From new facilities to expansion/modernization to support infrastructure, our professionals contribute expert guidance during all phases of the project.

**LAND PLANNING:** By providing an integrated approach, Tectonic's planners and engineers have the capability to address site development issues necessary for the permitting and approval of residential, commercial, retail, institutional, educational, and industrial land planning projects.

**TELECOMMUNICATIONS:** Total turn-key services for the telecommunication and related industries including wireless deployments, network facilities, data centers, and satellite systems.

**TRANSPORTATION:** Professional services to transportation and public works agencies for the design and construction of aviation facilities, bridges and highways, mass transit facilities, ports and harbors, and vehicular and rail tunnels.

**WATER RESOURCES:** Complete professional services for water and wastewater, including source water development, dams and reservoirs, levees, water storage tanks, water distribution systems, stormwater management, sewage collection systems and pump stations.












# SERVICES MATRIX



# SERVICES

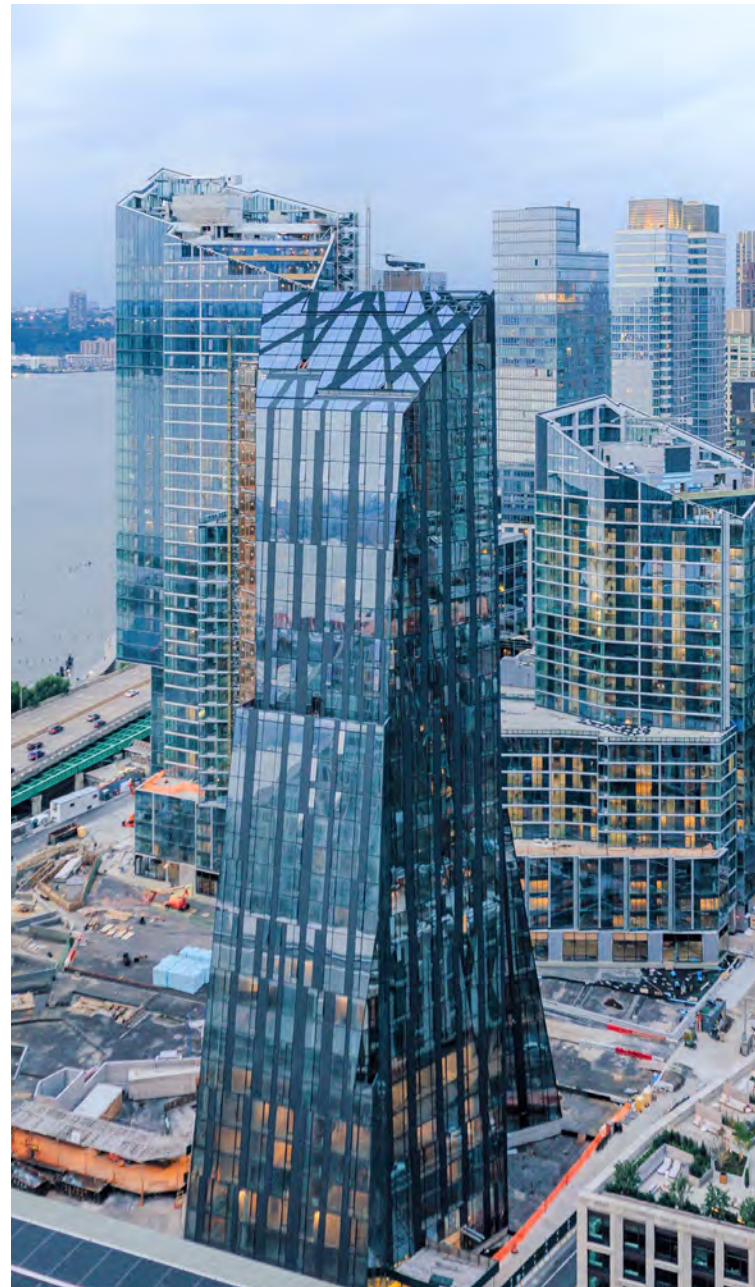
Tectonic provides multidisciplinary engineering services that enable our clients to succeed across a wide range of goals.

Our core services include:

-  Civil Engineering
-  Structural Engineering
-  Geotechnical Engineering
-  Environmental Engineering
-  Surveying
-  Construction Phase Monitoring
-  Resident Engineering + Construction Inspection
-  Special Inspection + Materials Testing
-  Project + Construction Management
-  Homeland Security
-  Telecommunication

We integrate these services to accomplish our client's project goals. Tectonic offers a streamlined management program (including top supervisory skills and tailored quality assurance measures), state-of-the-art resources and diverse expertise.

Our professionals are equipped with the field experience, resources and collective knowledge to support any phase of the project's life cycle, from preconstruction to final construction.





Roosevelt High School Synthetic Turf Field, Yonkers, NY



Maple Drive Parking Lot (EFC Green Infrastructure Grant), Great Neck Plaza, NY

## CIVIL ENGINEERING

Tectonic's civil engineering capabilities encompass a full range of services to both the public and private sectors from due diligence to preparation of contract plans and specifications. We integrate our approach to engineering by leveraging our broad array of professional services to produce a comprehensive solution for our clients. From new facilities to expansion/modernization to support infrastructure, our professionals contribute expert guidance during all phases of the project. We work closely with our Clients to understand their vision and prioritize their goals, while using our experience to address all facets of the planning, design, permitting, and approval. Our mission is to efficiently deliver an optimized development plan that meets performance criteria, can be built in a timely and cost-effective manner, and remains compliant with regulation.



MTA East Side Access Mid-Day Storage Yard Stormwater Pollution Prevention Plan, Sunnyside Yard, Queens, NY

#### CIVIL DESIGN SERVICES:

- Cost and Feasibility Studies
- Dam Breach Analysis and Inundation Mapping
- Due Diligence Studies
- Grading and Drainage Design
- Hydraulic and Hydrologic Analyses
- Infrastructure/Utility Evaluations
- Landscape
- Maintenance and Protection of Traffic Planning
- Municipal Engineering
- Regulatory Permitting/Compliance
- Roadway and Highway Design
- Site Planning and Design
- Storm Water Management Planning
- Transportation Engineering
- Water Resource Investigation and Design
- Water and Wastewater Systems Design
- Wetland Delineation and Mitigation
- Dam Decommissioning

#### AREAS OF KNOWLEDGE:

- Transportation and Infrastructure
- Commercial and Residential Developments
- Industrial Business Parks
- Institutional and Educational Campuses
- Recreation Facilities
- Multimodal Transit and Transportation Centers
- Dam Safety





Component Rehabilitation of Eleven Bridges: Belt Parkway over Bedford Avenue, New York, NY

# STRUCTURAL ENGINEERING

Tectonic's structural engineering capabilities encompass a full range of design services from analysis to preparation of construction drawings and specifications. Tectonic staff has extensive experience in many aspects of structural engineering, including analysis, investigation, design and retrofit of new and existing structures. Services extend beyond design to include construction support for temporary facilities, including: sheeting, shoring, scaffolding, cofferdams and underpinning.



Solar Rooftop Installation at Cornell Tech Campus, Roosevelt Island, NY



Telecommunication Structures Nationwide

**STRUCTURAL DESIGN SERVICES:**

- Code Compliance Review
- Feasibility Studies
- Forensic Assessment
- Plan Review
- Seismic Analysis
- Soil Structure Interaction
- Structural Investigations

**STRUCTURES:**

- Buildings
- Bridges
- Elevated Tanks and Signs
- Retaining Walls
- Transmission Structures
- Telecommunication Structures
- Underground Vaults/Tanks
- Specialty Fabrication
- Sheeting and Shoring
- Underpinning
- Sculptures

**CONSTRUCTION ENGINEERING/  
SUPPORT SERVICES:**

- Lifting Plans
- Form Work Design
- Support of Excavation
- Temporary Access Platforms
- Bridge Jacking
- Underpinning
- Temporary Foundations
- Temporary Walls
- MSE Walls
- Acceptance Inspections
- Stability Analysis
- Alternative Assessments
- Pile Design
- Cofferdams





Jacob K. Javits Convention Center, Manhattan, NY



New York Harbor School, Governors Island, NY

# GEOTECHNICAL ENGINEERING

Tectonic's geotechnical engineering capabilities encompass a full range of services that include soils laboratory testing, subsurface investigation, foundation design and construction support. Tectonic has extensive geotechnical experience in both design and construction phase engineering, including transportation/infrastructure, energy, institutional, retail, commercial, high-rise and industrial for a wide variety of projects. Our geotechnical services are provided by experienced technical staff members, capable of ensuring that our clients achieve the dual objectives of completing a project that is both technically feasible and economical even in adverse subsurface conditions.





MTA East Side Access, New York, NY

#### GEOTECHNICAL DESIGN SERVICES:

- Dam Inspection, Assessment, and Design
- Forensic Investigations
- Foundation Design and Analysis
- Ground Improvement Design
- Laboratory Soil Testing
- Landfill and Solid Waste Design
- Earth Retaining Structures
- Retaining Walls: Conventional and Modular
- Soil and Rock Mechanics
- Rock Fall Mitigation and Protection
- Slope Stabilization Design
- Subsurface and Geophysical Investigations
- Tunnels and Underground Caverns
- Seismic Analysis

#### CONSTRUCTION SUPPORT SERVICES:

- Earth Support Systems
- Pile Load Test Monitoring and Evaluation
- Subgrade Evaluations
- Technical Consultation
- Underpinning Systems
- Value Engineering
- Blasting Plans
- Geotechnical Instrumentation and Monitoring





Carmine Liberta Bridge, New Paltz, NY

# ENVIRONMENTAL ENGINEERING

Tectonic's staff of knowledgeable environmental engineers and scientists provide diversified expertise in environmental investigations, design, consulting and monitoring services within both the public and private market sectors. We serve our clients by reducing regulatory burden and providing a streamlined compliance effort to remain consistent with project objectives and facilitate efficient progress. To accomplish these goals, we offer a wide variety of services with a primary focus on understanding the client's needs, analyzing the regulatory framework and translating that to a clear plan of action to successfully complete each project.



Freshwater Wetlands Delineation, Town of Waterloo, NY



Copiague Venice Bridges, Copiague, NY (ACEC New York Silver Award 2018)

**ENVIRONMENTAL COMPLIANCE:**

- Due Diligence
- NEPA Investigations and Reports
- Viewshed Visibility Analysis and Assessment
- Drone Mapping and Photography (FAA Compliant)
- Archaeological Studies
- Historic Resources Evaluation (SHPO)
- SEQRA Compliance
- Environmental Impact Statements
- SPDES Inspections

**ECOLOGICAL SERVICES:**

- Threatened and Endangered Species Surveys
- Wetland Delineations
- Wetland Mitigation Plans
- Invasive Species Surveys
- Ecological Permitting

**ENVIRONMENTAL REMEDIATION:**

- Phase I and II Environmental Site Assessments (ESAs)
- Site Characterization
- Air Monitoring
- Brownfield Re-Development
- Dredging Permits for Lakes and Waterways
- Groundwater Development
- Hydrogeologic Groundwater Modeling Investigations
- Pump Test Evaluations
- Remedial Design of Contaminated Sites
- Solid Waste Landfill Closure Design
- Underground Storage Tank (UST) Compliance
- Licensed Site Remediation Professional Services (LSRP)
- Asbestos and Lead Testing and Monitoring





World Trade Center Transportation Hub, New York, NY

# SURVEYING

Tectonic's survey staff is comprised of a diversity of talented individuals, each having specific areas of proficiency in boundary, topographic, right-of-way mapping, construction stakeout and global-positioning-systems (GPS) surveying. Our staff of licensed land surveyors and surveying technicians is fully equipped with state-of-the-art equipment and software, providing clients with fully automated services from the initial field visit to the final plat.

Tectonic is also known for its expertise in the construction industry and provides services throughout the Northeast. Specifically, our survey staff are members of I.U.O.E. Local 15D where we provide construction layout and as-built services to all major contractors in New York City.

With the rise in technological advancement, Tectonic's technology continues to evolve and expand. We now provide static and mobile LiDAR to a multitude of clients, including contractors, architects, engineers, developers, and transportation agencies.



The Vessel at Hudson Yards, New York, NY



Mobile LiDAR Mapping Nationwide

#### SURVEYING AND MAPPING FIELD SERVICES:

- Acquisition and Right-of-Way (ROW)
- Aerial Control
- ALTA/NSPLS Land Title
- Certified Boundary
- Geodetic Control
- GIS Mapping
- Mobile Mapping
- Property Subdivision
- Route Survey
- Topographic Surveys

#### CONSTRUCTION SUPPORT SERVICES:

- Anchor Bolt Location
- As-Built Plans
- Baseline Location
- Construction Layout
- Litigation Support
- Monitoring of Existing Structures
- Steel Plumbness Surveys
- FAA 1A/2C Surveys
- High Rise As-Built
- Floor As-Built Surveys

#### 3D LIDAR SCANNING:

- Architectural & Structural Surveys
- Building Facade Surveys
- Tower Surveys
- Existing Conditions Surveys
- Construction As-Built
- Encroachment Surveys
- Quantity Surveys
- Bridge & Infrastructure Surveys
- Rockfall & Quarry Surveys
- Industrial Piping Networks
- 3D Modeling

#### MOBILE LIDAR MAPPING

- Long Linear Route Surveys
- High Traffic Areas
- Infrastructure Inventories
- Clearance Surveys





NYCDDC Tilt Monitoring, New York, NY



NYC High Line Park and 76 11<sup>th</sup> Avenue, New York, NY

# CONSTRUCTION PHASE MONITORING

Tectonic's construction phase monitoring capabilities encompass a full range of services that include state-of-the-art fully automated monitoring equipment with industry leading data management systems to provide both private and public sector clients with real-time monitoring data and intuitive reporting. Tectonic's professionals are equipped with the field experience, resources and collective knowledge to support any phase of the project's life cycle, from preconstruction to final construction.

Tectonic is known as a leading provider of geotechnical and survey monitoring services throughout the northeast, specifically in the New York State Metropolitan area. Our focus is to ensure that the impact of construction to structures, including adjacent properties, is not compromised prior to, during, and after construction is completed.



United States Military Academy West Point Cadet Barracks, West Point, NY

Our clients have relied on Tectonic to ensure the quality of construction by protecting the value of their building and infrastructure assets through rigorous oversight procedures that employ state of the art testing and inspection techniques. Tectonic works closely with the entire project team to ensure compliance with all specifications and regulations.

#### CONSTRUCTION MONITORING SERVICES:

- Vibration and Blast Monitoring
- Noise Monitoring
- Air Quality Monitoring
- Tilt Monitoring
- Crack Monitoring
- Optical Survey Monitoring
- Pre and Post Condition Surveys
- Steel Plumbness Surveys
- As-Built/As-Constructed Surveys
- Environmental Monitoring
- Site Specific Health & Safety Plans and Monitoring





Reconstruction of Route 9, Peekskill, NY

# RESIDENT ENGINEERING + CONSTRUCTION INSPECTION

Public infrastructure is the vital transportation network sustaining our day-to-day activities. At its core, Tectonic strives to contribute to society through its professional services.

Our resident engineering teams work closely with the owner, designer and contractor with an emphasis on high quality workmanship toward successful completion of every project on time and on budget. Tectonic is proactive in maintaining safety at construction sites, mitigating issues and adhering to the prevailing standards to minimize impact during construction.

Our in-depth construction inspection services ensure compliance for both design and construction with contract specifications and the Quality Control Plan. Tectonic provides for sampling and testing of materials in the field and in the laboratory. To facilitate the construction schedule, we maintain laboratories in Astoria, Queens and Newburgh, Orange County licensed





Demolition of Old Tappan Zee Bridge, Rockland/Westchester Counties, NY



Kosciuszko Bridge over Newtown Creek, Brooklyn, NY

by the NYC Department of Buildings (NYCDOB), the American Association of State Highway and Transportation Officials (AASHTO) and the National Voluntary Laboratory Accreditation Program (NVLAP).

Tectonic has deep roots with public agencies and has extensive knowledge about public assets. We regularly work on transportation and transit related infrastructure including:

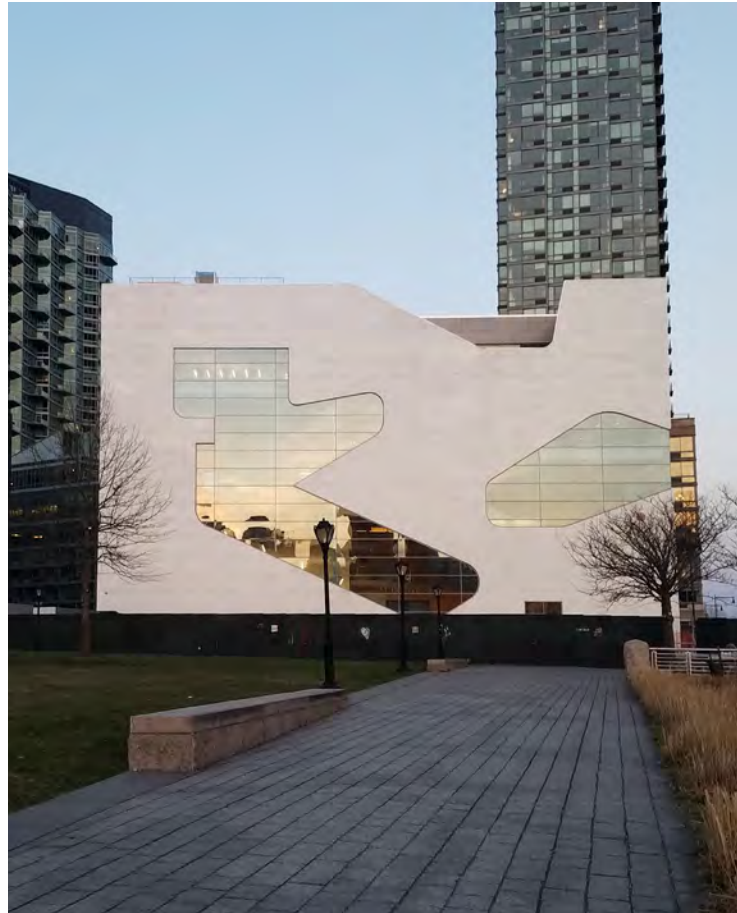
- Roadway, Highway/Parkway, Expressway Reconstructions, Realignments and Upgrades
- Safety and Streetscape Improvements
- Access Improvements and Interchanges
- New Bridge Construction, Rehabilitations, Repairs
- Viaducts and Culverts
- Utilities, ITS and Traffic Signals
- Trunk and Distribution Water Mains
- Storm and Sanitary Sewers/Combined Sewers
- Pedestrian Ramps and Sidewalks
- Substations, Elevated Train Structures, Platforms, Escalators/Elevators, etc.

Resident engineering and construction inspection services are integral to Tectonic's success as a professional engineering firm and generates much pride through our involvement in the maintenance and continual improvement of infrastructure in our home state of New York and beyond.





Baccarat Hotel, New York, NY



Hunters Point Community Library, Queens, NY

# SPECIAL INSPECTION + MATERIALS TESTING

Tectonic offers more than thirty years of experience as an accomplished, multi-disciplined professional engineering firm uniquely equipped with in-house materials testing facilities and a sizable special inspection (SI) crew. We have offices and licensed materials testing laboratories located in New York City and the Hudson Valley region of New York State to respond to tasks expeditiously.

The predominant accreditors in the industry license Tectonic, namely:

- International Accreditation Service as a Special inspection Agency in all SI categories
- Licensed by the NYC Department of Buildings as a Class 1 Special Inspection Agency in all SI categories
- Laboratory Licensed by the NYC Department of Buildings as a Concrete Testing Lab
- Laboratory accreditation by the National Institute of Standards and Technology (NVLAP) under ISO/IEC 17025:2005
- Laboratory accreditation through AASHTO under ASTM E-329 and other standards
- Qualified as a commercial laboratory to conduct materials testing for the U.S. Army Corps of Engineers.

Tectonic maintains a robust portfolio of work with public agencies at the Federal, State and Local tiers; the A/E/C sector and private clients involving construction inspection and materials testing services from transportation and infrastructure to all types of buildings and public spaces.

### SPECIAL INSPECTIONS FOR MULTIFARIOUS BUILDINGS

Special inspections are the monitoring of the materials and workmanship that are critical to the integrity of the building structure to assure compliance with approved plans and specifications as well as with the prevailing building code. Tectonic provides this service by professionals with highly specialized skills and qualifications.

Tectonic is one of the first firms to be accredited as a Class 1 Special Inspection Agency to perform every special inspection category by the NYC Department of Buildings.

Tectonic employs a continually growing roster of certified special inspectors. Whenever possible, we assign multi-disciplined technicians to cover several tasks in an effort to control cost and make efficient use of time.

Various types of facilities, including:

- Residential Properties/Luxury Towers/Public Housing
- Cultural Institutions/Museums/Theaters
- Commercial/Retail/Industrial/Office Buildings
- Schools/Libraries/Auditoriums/Gyms – Elementary and Intermediate; Middle and High Schools; Vocational, Colleges and Universities
- Recreational Centers/Parks/Public Spaces
- Medical Centers/Hospitals/Healthcare Clinics
- Transportation/Transit-Related Facilities
- Warehouses/Distribution Centers
- Telecommunications/Energy Structures

### MATERIALS TESTING LABORATORY/THIRD PARTY MATERIALS TESTING

As an added value of our services to our clients, Tectonic maintains two state-of-the-art, licensed materials testing laboratories in Astoria, Queens (NYC) and Newburgh, New York. Our laboratories comply with rigorous testing procedures using modern, reliable and routinely calibrated equipment by experienced, qualified personnel under the direction of a licensed Professional Engineer. Tectonic is qualified to conduct testing of Hot Mix Asphalt, Soil, Aggregate, Sprayed Fire-Resistive Material, Portland Cement Concrete and Masonry.

Our licensed laboratories utilize its proprietary materials database; an automated data reporting system which distributes our laboratory testing results directly to the client.

As a leading materials testing firm, Tectonic also designs and/or provides specialized tests, such as:

- GPR and Underground Utility Locating Services
- Pull, Anchor and Bond Strength Tests
- Air and Water Infiltration Tests
- Floor Evaluations
- Asphalt and Concrete Coring



Milstein Hospital Building at New York-Presbyterian/  
Columbia University Medical Center, New York, NY





United States Military Academy Adaptive Reuse of Anderson Athletic Center at West Point, NY

# PROJECT + CONSTRUCTION MANAGEMENT

Facilitating a capital construction project from concept to final completion requires a dedicated team of design and construction professionals. As owner's representatives, Tectonic offers clients a comprehensive solution to deliver their projects on time and within budget. Our highly skilled managers offer expert, detail-oriented management on every specialized project. Tectonic knows the daily demands associated with planning, administering, coordinating and executing complex projects. Every successful project requires the "Four Pillars": an owner, a design team, a contractor, and manager to facilitate the communication between the pillars. Tectonic is that manager. Managing cost, schedule, and quality are the cornerstones of our services.



NYC Parks, Astoria Park Pool Amphitheater, Astoria, NY



Renovations to Fire House No. 2, City of New Rochelle, NY

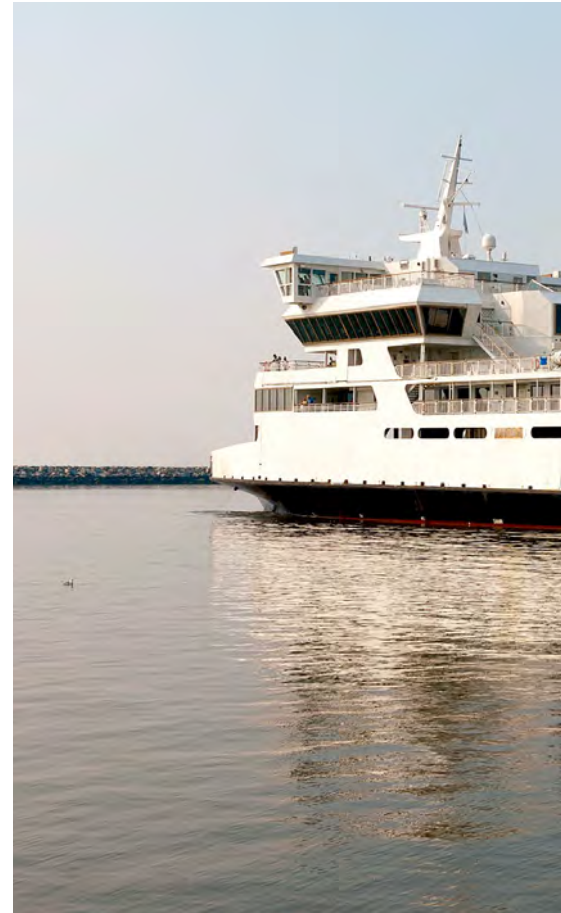
Our team is comprised of credentialed professionals; many who have practiced architecture and engineering during their careers, but now leverage that knowledge for your project. Each manager is committed to excellence providing the best service working on your behalf. Tectonic accomplishes this through expert project planning, cost and time management, quality control and safety management using proactive daily coordination throughout the project team.

Tectonic's project and construction management program covers the best practices needed to complete any type of capital project successfully, including the following services:

- Planning and Design Management
- Preconstruction Management
- Construction Oversight
- Post Construction Closeout

Project types range from Education Facilities, Culture Centers, Parks and Theaters, Hospitals, Commercial Complexes, to large scale Transportation and Infrastructure.





Water/Wastewater Emergency Response Plan, Security Vulnerability Assessment & Physical Security Master Plan, Washington, DC

# HOMELAND SECURITY

Tectonic's Homeland Security Group is an integrated team of engineers and security specialists that assist both the public and private sectors in securing critical infrastructure and key facilities against intentional malicious acts and preparing for emergencies. Tectonic's team is uniquely qualified to perform security assessments, analysis, emergency planning, and training. Tectonic can develop a total program plan to increase your security and reduce your potential risk.

## INFRASTRUCTURE VULNERABILITY ASSESSMENTS:

Tectonic performs Vulnerability Assessments for critical infrastructure and other integrated services to evaluate potential acts against key assets utilizing methodologies developed by SANDIA National Laboratories, VSAT, DOT, DOD, and ACC.

- Risk Assessments
- Risk Mitigation Plans
- Security Effectiveness Audits
- Threat Assessments



All-Hazards Emergency Operations Plan Update Georgetown, DE



Security, Emergency Management, Training & Communication Assessments & Program Planning, Houston, TX

#### EMERGENCY RESPONSE AND OPERATIONS:

Tectonic provides the following emergency response, operations and risk management plans:

- Community Preparedness Plans
- Continuity of Operations Plans
- Damage Assessment & Data Collection
- Demolition and Clean-up Plans
- Disaster Recovery Plans
- Emergency Operation and Response Plans
- Training and Exercise Programs
- Evacuation Plans

#### SECURITY ENGINEERING:

Tectonic's engineering and security specialists perform the detailed design necessary to develop an integrated design program.

- Blast Load/Damage Analysis
- Enhancement Plans
- Detection Systems
- Force Protection Systems
- IT/Cyber Security Plans
- Security Upgrades





CitiGroup iDAS Installation, New York, NY



Small Cell Installation Nationwide

# TELECOMMUNICATION DEPLOYMENT + SERVICES

Tectonic's Telecommunication Division has over 30 years of experience providing site acquisition, engineering, permitting, program and construction management for wireless networks and provides support to clients in the public and private sectors. Tectonic provides the in-house technical expertise and practical solutions to expedite project deployment in a cost-effective turnkey package.

Tectonic provides comprehensive turnkey services for the following telecommunication deployments and implementation programs nationwide:

- Site Acquisition
- A/E and Professional Services
- Construction Services
- Wireless Deployments (New Builds, Site Modifications, Small Cells/Nodes, 5G Deployment, CRAN/Hubs, Facilities, iDAS/oDAS, IoT, Landline and Fiber)



**SITE ACQUISITION SERVICES:**

- Site Identification
- Site Audits
- Leasing
- Zoning Analysis
- Municipal Permitting
- Due Diligence
- Program Management
- A/E Coordination
- Building and Electrical Permits
- Regulatory Compliance
- Third Party Vendor Management

**PROFESSIONAL SERVICES:**

- Civil Engineering
- Geotechnical Investigations
- Structural Engineering/Analysis
- Environmental Studies
- Surveying
- Fiber Planning and Design

**A/E SERVICES:**

- Program Management
- Construction Management
- Site Due Diligence
- Site Visits/Audits
- Tower and Mount Analysis
- Lease Exhibits
- Zoning and Construction Drawings
- Structural Assessment/Design
- Foundation Investigations
- Photo Simulations
- Permitting
- NEPA/Phase I and II Studies

**CONSTRUCTION SERVICES:**

- Project Status Reporting
- Owner and Contractor Meetings
- Bid Packages and Bid Walks
- Estimating/Bill of Materials
- Contractor/Subcontractor Scheduling
- Construction Oversight & QA/QC
- Shop Drawing Review
- Change Order Compliance
- Construction Procurement
- Materials Storage/Inventory
- Small Cell Construction
- Implementation Planning
- Project Coordination with Design, Permitting & Special Inspections
- Project Scheduling & Budgeting
- Development and Maintaining Project Tracker/Schedules
- Coordination of Professional Services
- Project Close Out Packages



Verizon Wireless and AT&T Mobility Turfing Nationwide

**DAS/SMALL CELL SERVICES:**

- High Rise Commercial Office Buildings
- Hospitals
- Stadiums
- Entertainment
- Tunnels
- Warehouses
- Shopping Malls
- Mass Transit Systems
- Hotels and Casinos
- Colleges and Universities
- Municipal Solutions

**CRAN & NETWORK FACILITIES:**

- Design and Permitting
- Facility Commissioning
- Civil/Site Engineering
- Electrical Design and Upgrades
- Site Due Diligence/Feasibility Studies
- Security Systems
- M.E.P./HVAC Engineering
- Structural/Seismic Analysis
- Geotechnical Investigations
- Emergency Power Design
- Fire Suppression
- Security Systems





# REPRESENTATIVE CLIENTS

Tectonic has worked for a number of public and private clients providing planning, environmental, engineering, surveying and construction management services. Presented below is a brief representation of those clients.

## PRIVATE

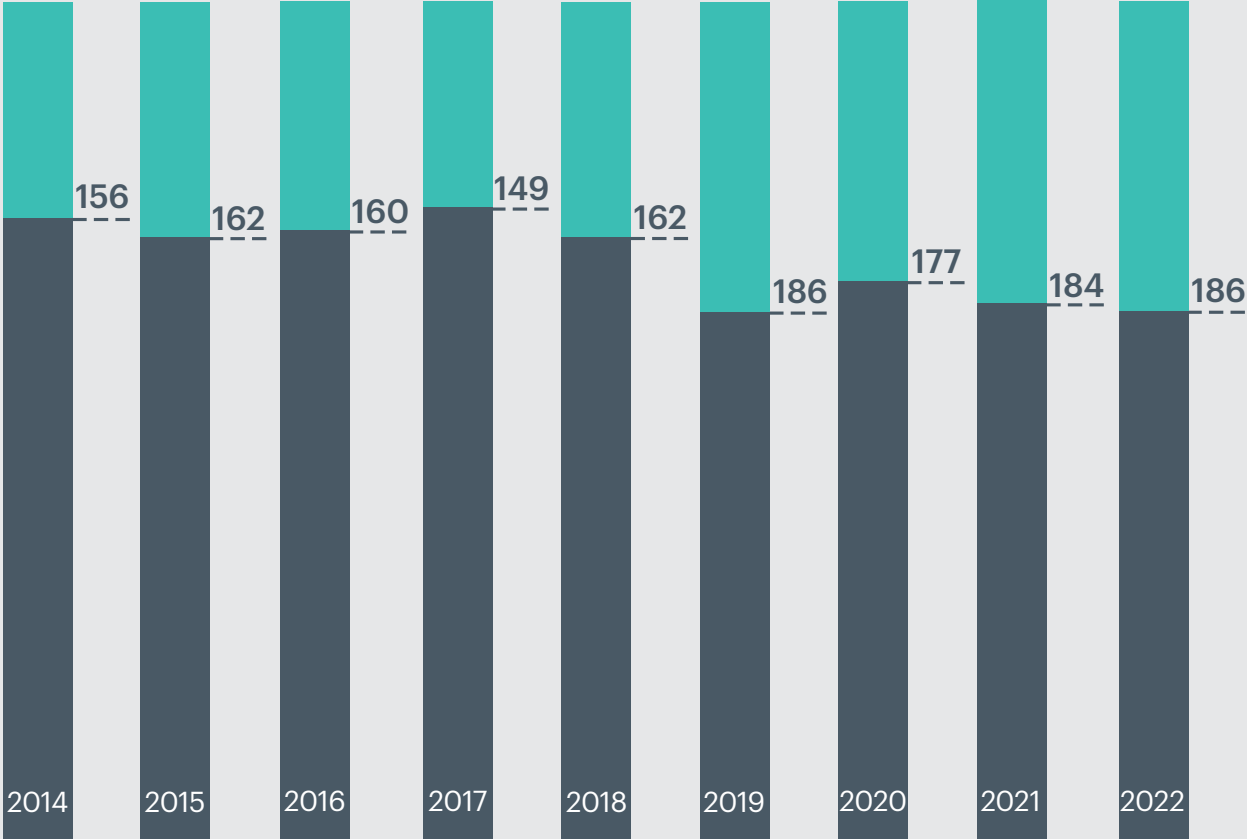
Adelphi University	Kiewit Construction
AECOM	Mack-Cali
American Petroleum	Memorial Sloan Kettering Cancer Center
American Tower Corporation	Michels Corporation
American Water	National Grid
AT&T	Orange and Rockland Utilities
Avalon Bay Communities	Related Companies
Bechtel Corporation	Silverstein Properties
Bright Power	Skanska USA Civil
Brookfield Properties	Sprint
Columbia Gas Transmission Company	T-Mobile
Columbia University	Tishman Construction
Consolidated Edison of NY	Toll Brothers
Dragados USA	Tutor Perini Construction
IKEA	United Parcel Service
Jacobs	Verizon Wireless
Fluor Corporation	

## PUBLIC

AMTRAK	New Jersey Department of Transportation
City of Danbury, Connecticut	New York City Department of Design and Construction
City of Jersey City, New Jersey	New York City Economic Development Corporation
City of New York, New York	New York City School Construction Authority
Connecticut Department of Transportation	New York City Transit Authority
County of Bergen, New Jersey	New York Power Authority
County of Coconino, Arizona	New York State Department of Transportation
County of Dutchess, New York	New York State Housing Trust Fund Corp.
County of Morris, New Jersey	New York State Office of General Services
County of Nassau, New York	North Jersey District Water Supply Commission
County of Westchester, New York	Pennsylvania Turnpike Commission
District of Columbia Water and Sewer Authority	Port Authority of New York and New Jersey
Dormitory Authority of the State of New York	Southwest Power Administration
Massachusetts Department of Transportation	Triborough Bridge and Tunnel Authority
Metropolitan Transportation Authority	U.S. General Services Administration
National Park Service	United States Coast Guard



# ENR TOP 500 DESIGN FIRMS RANKINGS



# ACEC NY AWARDS

## DIAMOND

2023	Upper Collinsville Dam - Hydroelectric Power Plant Retrofit
2012	Phillipston - Route 2/2A Bridge Replacement
2009	Reconstruction of Beekman Street
2008	Pelham Rock Slope Stabilization
2006	Astoria Tunnel: Surveying and Mapping
2005	Interstate 684/Route 22 Interchange

## PLATINUM

2020	Vessel at Hudson Yards in NYC
2019	Cornell Tech Campus Sustainable Solar Installation
2016	10 Hudson Yards (Tower C), NYC
2011	Central Park Police Precinct Renovation

## GOLD

2022	Citywide Ferry Landings, NYC
2021	Upper Candor Dam Rehabilitation
2020	Citywide Ferry Landings, NYC
2018	Public Safety Answering Center II (PSAC II)
2016	SKY at 605 West 42nd Street, NYC
2010	Reconstruction of East 149th Street in the Bronx
2009	NYCDEP - Concrete Inspection Program
2008	Taconic State Parkway - Ramp X
2006	Andrews Avenue Bridge

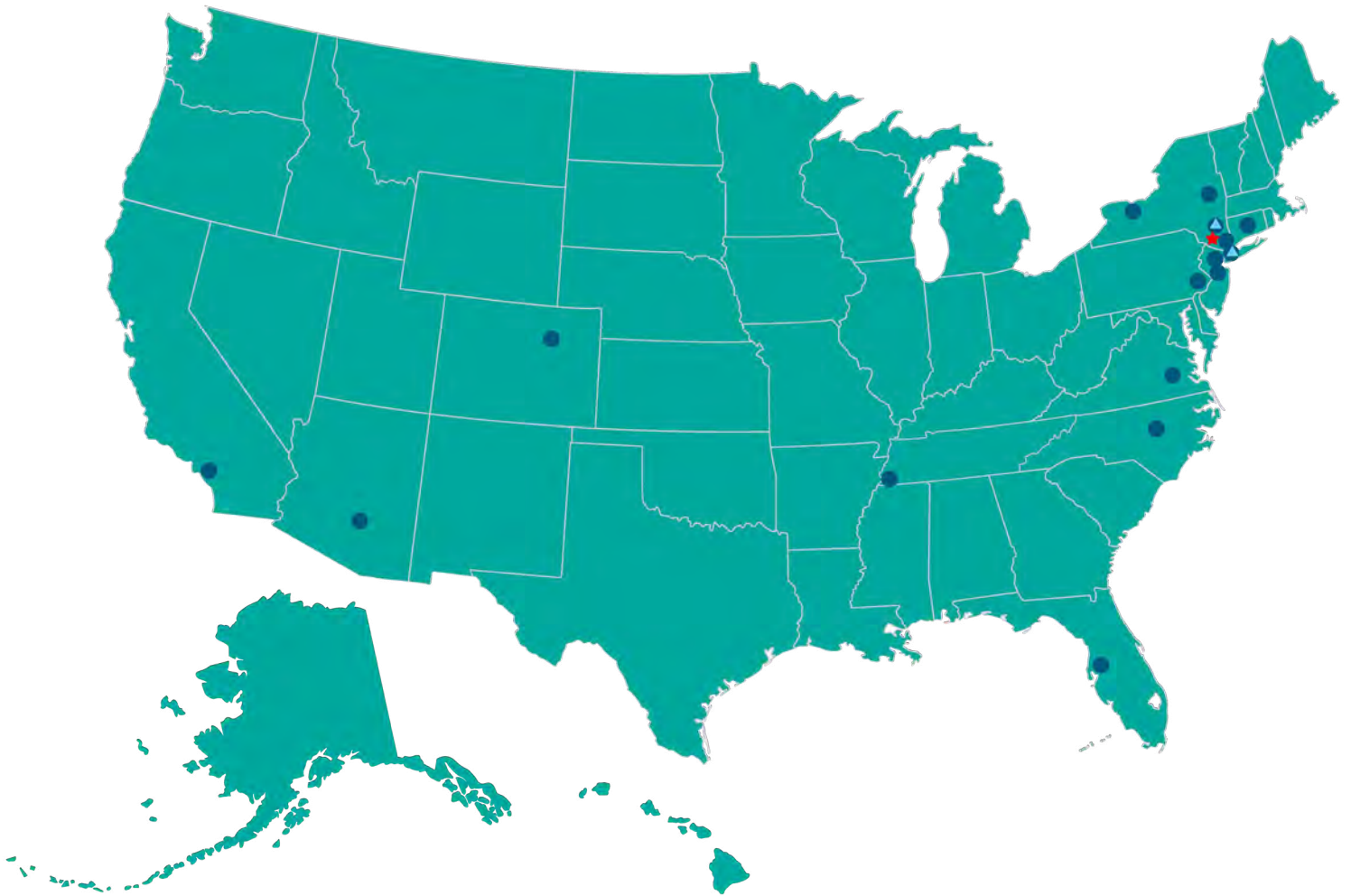
## SILVER

2022	The Ultimate Office - 50 Hudson Yards, NYC
2020	West 33rd Street Crossing Hudson Yards, Manhattan
2018	Saving Two Historic Bridges Environmental and Historic Review
2018	Boundary Surveys - Wanaque Reservoir Dam
2015	Columbia University's Jerome L. Greene Science Center
2015	Coler-Goldwater Long-Term Acute Care Hospital Campus
2014	New York Police Academy in College Point, Queens
2013	Four World Trade Center in Manhattan
2013	121st Police Precinct Station House in Staten Island
2013	Ridge Hill Village Development
2012	Mott Haven School in the Bronx
2012	Kingsbridge Branch Library in the Bronx
2011	Expansion of Jacob K. Javits Convention Center



# LOCATIONS

# 05



Tectonic is headquartered in Mountainville, NY with 18 branch offices nationwide.

- ★ Corporate Office
- Office
- ▲ Materials Testing Laboratory

# CONTACTS

# 06

NEW YORK - (Mountainville, Corporate Office)  
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Irvine, CA 92612  
(949) 502-8555

COLORADO - (Denver)  
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Denver, CO 80202  
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CONNECTICUT - (Hartford)  
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Rocky Hill, CT 06067  
(860) 563-2341

FLORIDA - (Tampa)  
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Brandon, FL 33511  
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NEW JERSEY - (East Brunswick)  
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East Brunswick, NJ 08816  
(732) 220-0606

NEW JERSEY - (Mountainside)  
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Mountainside, NJ 07092  
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Latham, NY 12110  
(518) 783-1630

NEW YORK - (New York City)  
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Rochester, NY 14623  
(585) 270-8373

NEW YORK - (White Plains)  
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Raleigh, NC 27627  
(984) 222-4960

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Philadelphia, PA 19113  
(484) 380-9289

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Henrico, VA 23233  
(804) 217-8504





## Our Story

For the past 37 years, Tectonic has delivered quality professional services in a timely and cost effective manner by pooling its talented staff into project teams that think, act, and perform as one integral unit. By carefully listening and collaborating with its clients, the firm is able to identify the key issues and assure stakeholder objectives are met in the final deliverables. Through innovation and adopting technological advances, the firm is able to generate unique solutions to improve our nation's infrastructure and build safe sustainable communities.

As the world evolves, and its challenges grow more complex, Tectonic continues to innovate and provide the practical solutions and exceptional customer service its clients have trusted since its founding.



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