

ENDURING. DRIVEN. VISIONARY.

# BRIDGE EXPERIENCE





STV has long been an innovator in the design of fixed and movable highway, railway and pedestrian bridges. The firm provides wide variety of services to bridge owners, operators and contractors at any stage of a project's execution – from planning and analysis through final design and construction.

Our project portfolio ranges from small rural creek crossings to high-level, long-span structures and includes all bridge types: suspension; cable-stayed; movable; truss; steel, concrete, and masonry arch; steel beam/girder; precast segmental; precast concrete girders/boxes; cast-in-place (CIP) segmental; CIP multi-cell post-tensioned boxes; and timber.

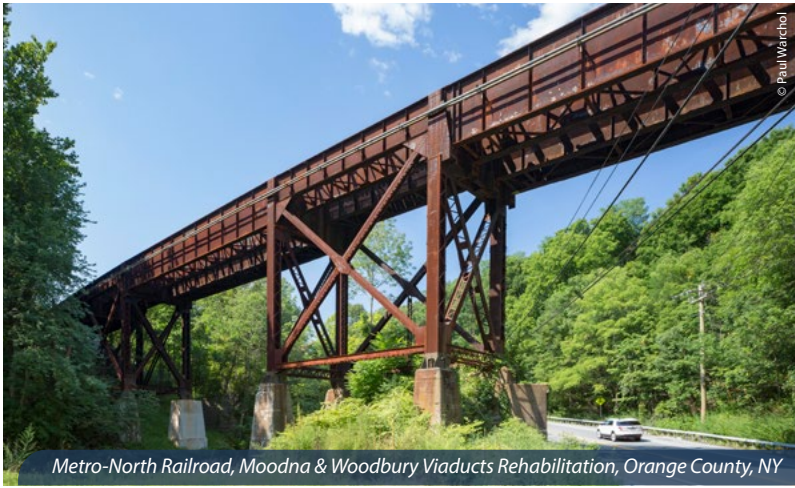
Now in our second century, STV's mission is to create exceptional value for our clients and perform our services with integrity, vision, innovation, quality, and environmental sensitivity.



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*Metro-North Railroad, Moodna & Woodbury Viaducts Rehabilitation, Orange County, NY*



*NYSDOT, Roslyn Viaduct Construction Inspection, Nassau County, NY*



*Metro-North Railroad, Moodna & Woodbury Viaducts Rehabilitation, Orange County, NY*



NYS DOT, Kosciuszko Bridge Replacement Design-Build Construction Quality Assurance Services, New York, NY



MassDOT, Great River Bridge Transportation Improvement Project, Westfield, MA



Alexander Hamilton Bridge Interchange Design-Build, Bronx NY



MassDOT, Arthur J. DiTommaso Memorial Bridge Replacement, Fitchburg, MA



North Carolina DOT, Neuse River Bridge Replacement, New Bern, NC



South Carolina DOT, Fantasy Harbour Bridge, Myrtle Beach, SC



South Carolina DOT, Fantasy Harbour Bridge, Myrtle Beach, SC



ConnDOT, Arrigoni Bridge Rehabilitation, Middletown and Portland, CT



Illinois DOT, Torrence Avenue over the Grand Calumet River Bridge, Burnham, IL



MassDOT, Francis Appleton Pedestrian Bridge, Boston, MA



CSXT, Bay St. Louis Bridge Emergency Replacement, Bay St. Louis, MS



Prime Engineering, Inc., Camp Creek Parkway Pedestrian Bridge, City of College Park, GA



FDOT District 4 Movable Bridge Inspection, Broward County, FL



North Carolina DOT, I-85 over the Yadkin River Design-Build, Rowan and Davidson Counties, NC



PennDOT, I-95 Section BRI – Betsy Ross Interchange Reconstruction, Philadelphia, PA

### **SERVICES WE OFFER:**

- > Bridge Balancing
- > Bridge-Type Studies
- > Complex Structural Engineering
- > Constructability Reviews
- > Construction Engineering & Coordination
- > Construction Inspection & Management
- > Emergency Response & Troubleshooting
- > Environmental Assessments
- > Fatigue Analysis
- > Forensic Investigations
- > Maintenance/Operations Support
- > Mechanical & Electrical Engineering
- > Movable Bridge Design
- > Multidisciplinary Bridge Inspection
- > New & Rehabilitation Bridge Design
- > Specialty Shop Inspection
- > Planning & Studies
- > Value Engineering

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