



Bridge Painting/Coating Inspection

Remington & Vernick Engineers (RVE) provides paint and coating inspection to transportation and infrastructure clients throughout the region. Our inspectors have hands on experience and are NACE and SSPC trained. Under normal and unique situations, they abide by client specifications and industry standards. They are trained for different situations in the field, including changing weather conditions, containment construction and implementation, field safety hazards as well as OSHA Construction Practices and Standards. Our team recognizes what may occur in the field before it happens. We provide quality control and quality assurance to verify work is being performed in compliance with project specification and plans. Our team will facilitate communication between project stakeholders to accomplish tasks on time and within budget.

Personnel Certifications:

- Professional Engineers
- NACE-certified inspectors (Levels 1-3)
- NICET-certified inspectors (Levels 1-4)
- SSPC Certified Coating Application Specialists
- SSPC C-7 Abrasive Blasting Program
- SSPC C-3 Lead Supervisor
- OSHA HAZWOPER 40
- OSHA 30
- Traffic Control Coordinators (TCC)

Service Capabilities

- Existing coating assessment
- Cost Estimation
- Submittal Review
- Constructability Review
- Lead Abatement
- Surface Preparation Inspection
- Containment Monitoring
- Hazardous Waste Identification
- Protective Coating Application Inspection
- Wet Film Thickness (WFT) and Dry Film Thickness (DFT) Measurements
- Ambient Condition Monitoring
- Steel Substrate Inspection
- Inspection of Traffic Control Setup
- Water Infrastructure (Pipes and Tanks)
- Abrasive Blasting Inspections (pre/post inspections)
- Destructive/Non-destructive testing
- Document/Contract Review
- Construction Monitoring and Inspection
- Project Documentation (Reports and Source Documentation)
- Construction Administration
- Work Zone Safety for workers and the public
- Punchlist development and inspection
- Failure Analysis

For more information, contact:

[Joseph Ragusa, PE, NACE](#)
CM/CI Department Head

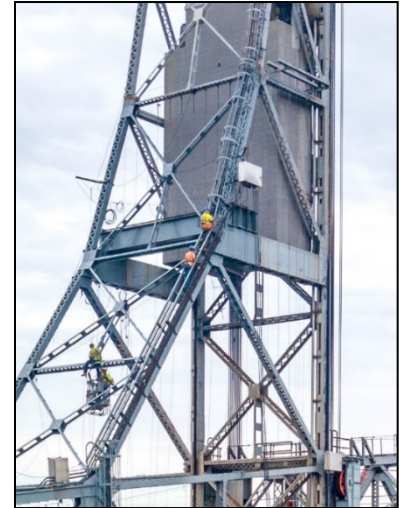
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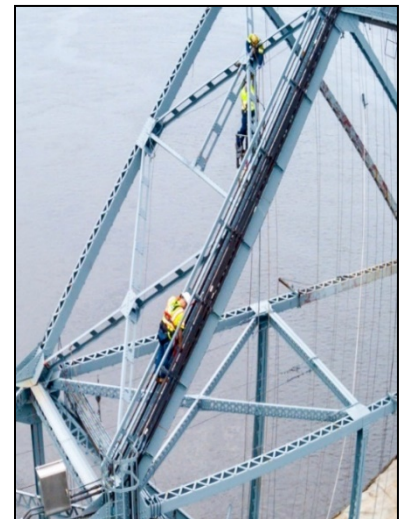


Case Studies

SJTA Bridge Painting Program - RVE provided existing condition assessment, engineering design and full time coating inspection to ensure quality assurance and conformity to contract specifications/documentation while delivering the final product on time and under budget for the South Jersey Transportation Authority (SJTA). This included abrasive blasting and protective coating application to multiple structures on the Atlantic City Expressway. RVE identified structures, specified the paint system and evaluated steel repairs. Our team observed, documented and reported all work operations performed by contractor following all standards necessary to complete tasks. Services include inspecting traffic operations, containment set up, ambient air monitoring, abrasive blasting, hazardous waste removal, application of a new protective coating to steel structures and all hold point inspections include ambient and steel conditions, post blast inspection using TESTEX Tape for profile depth measurement, WFT & DFT measurements on coatings, along with steel repairs. Reference: Stephen Mazur, PE, Chief Engineer, 609-561-6643.



DRPA Structural Painting (Commodore Barry Bridge Phase I & II, Betsy Ross Bridge Phase I) - RVE is a member of the KS Engineers construction team retained by the Delaware River Port Authority (DRPA) to provide full time painting inspection as the NACE Lead Inspector for these projects. The project's focus is painting the Pennsylvania approach deck truss and girder spans. Inspection includes assuring proper installation of platforms and containment areas, recording and documenting surface profiles after the abrasive blast and the application of the new paint. During painting operations, material, mixing and application are recorded for adherence to DRPA specifications, manufacturer product data sheets and industry standards. During construction, RVE ensures the maintenance and protection of traffic plans are followed, lead based hazardous waste is properly disposed of, and the condition and usage of the contractor's equipment is recorded. Additionally, RVE oversees the miscellaneous steel, fastener survey and replacement to elements of this bridge as part of the project. After repair, proper surface preparation and painting occurs at various locations is executed per plans and specifications. RVE will participate in the final punch list inspection and closeout for the project. Reference: Michael Venuto, PE, Chief Engineer, 856-968-2062.



BCBC Burlington Bristol Bridge Painting (pictured to the right) - RVE was a member of the Maser Consulting team retained by the Burlington County Bridge Commission (BCBC) to provide construction monitoring and construction inspection services for the painting of the Burlington Bristol Bridge. The project included removal of existing coatings and application of a new paint system on all steel structures and metal surfaces including the PA/NJ approach spans, towers, and lift spans. The Burlington Bristol Bridge is a truss span bridge with a lift span and two travel lanes. Extensive communication was required between all parties involved in the project and nightly lane closures were implemented when working overhead traffic lanes. The removal of the existing coatings was deemed hazardous due to the existing coatings containing lead paint. Full containment was required to perform the work in addition to full lead health and safety regulations to be strictly adhered to. RVE ensured proper removal of the existing coatings and application of the new coating system. The contract also included repairs to structural members that were deteriorated to a degree that would deem work be required. Reference: Joseph Andl, Executive Director, 856-829-1900.