
On-Call Coatings Consultant Services

CCC&L



Corrosion Control

Client/Owner: Port Authority of New York/New Jersey

Project Location: New York, NY

As part of an on-call contract with the Port Authority of New York/New Jersey, CCC&L provided consulting services for various assignments which included:

- ❑ Coating condition survey of the underside of the lower deck of the George Washington Bridge. Made recommendations on surface preparation and coating system. Developed a preliminary cost estimate for the project, including costs associated with lead paint removal.
- ❑ Coatings condition survey of the truss spans of the Outerbridge Crossing. Made recommendations on repairing the existing coating. Developed a preliminary cost estimate for the project.
- ❑ Coating condition survey on the New York tower legs of the George Washington Bridge. Recommendations were made on surface preparation and coating system for this project where the intent was to apply a new topcoat.
- ❑ Examination of the painting of the George Washington Bridge New Jersey tower. Provided an independent evaluation of the quality of the coating application, especially coating thickness.

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- ❑ Performed a coatings condition survey and made recommendations for painting of the Bayonne Bridge.
- ❑ Reviewed manufacturing quality control data from a coatings supplier at their plant to determine why certain batches of coatings did not pass quality control tests performed by the Authority.
- ❑ Made recommendations for placement of air monitors to measure potential lead emissions for painting projects on the upper portion of the New York tower of the George Washington Bridge, selected ramps on the New York side of the George Washington Bridge, and the 102nd Street Bridge at LaGuardia Airport.
- ❑ Prepared independent cost estimate for change in a coating system.
- ❑ Performed failure analyses of coating applications on sign structures at the Holland Tunnel, metalized steel members in a marine environment, and disbondment of the coating from a concrete pit.
- ❑ Provided coatings application inspection services for coating work being performed in a fabrication shop in Canada and at Newark Airport.