

2003 EXCELLENCE IN HOT-DIP GALVANIZING BRIDGE & HIGHWAY



FORE RIVER BRIDGE PROJECT *Acrow Corporation of America*

Location: Quincy, Massachusetts

Galvanizers:

Young Galvanizing, V&S Galvanizing, & American Galvanizing Co.

Fabricator: Milton Steel

The design, approval, fabrication, and erection of the fabulous Fore River Bridge was an arduous five-year process. Designed uniquely for this site, the Acrow Corporation is one of the few companies that have lift-bridge design experience, making the Fore River Bridge an awesome reality.

Acrow chose hot-dip galvanizing to protect the 8,000 tons of structural steel components and fasteners because of its longevity, consistent appearance over many decades, and virtually maintenance-free lifetime.

The schedule required three galvanizing companies to supply the durable zinc coating to the structural steel. Working as a team, the three even hand-dipped custom-made components that required special care. Integrated into the design are marvels of electrical and mechanical engineering, working in harmony with the moving steel pieces protected by hot-dip galvanizing.

This truly majestic structure is a key element of the 3H highway connecting Boston and Cape Cod, Massachusetts, and will proudly serve for generations.

