

# Golden Gate bridge

## Case study

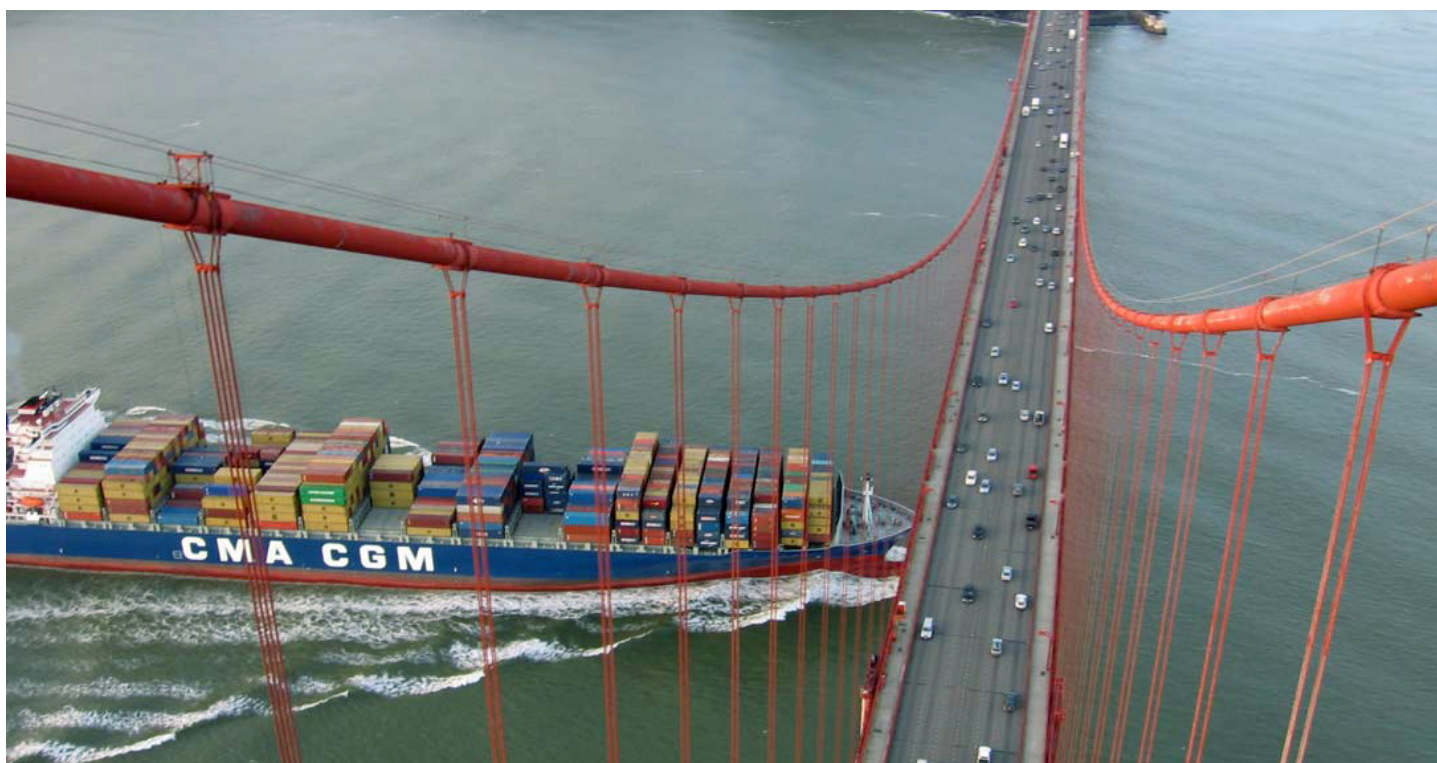
**Focus product:** Intercrete® 4802

**Location:** San Francisco, California, USA

**Client:** Golden Gate Bridge Highway  
and Transportation District

**Contractor:** Building and Grounds Department

**Summary:** Rapid reinstatement of potholes and  
worn areas to concrete deck by toll booths



### Background

Acclaimed as one of the Seven Wonders of the Modern World, the 6 lane bridge was opened by President Franklin D Roosevelt in 1937. The only route to San Francisco from Marin County, this 1.7 mile structure now transports over 100,000 vehicles each day.

The relentless pounding of traffic has taken its toll on the concrete lanes, necessitating regular repair of potholes and reinstatement of worn areas near the tollbooths. Minimal disruption of traffic flows is a key consideration in material selection.

### The solution

Intercrete 4802, a polymer modified, fibre reinforced rapid hardening mortar was chosen as the preferred solution, based on its unparalleled performance and handling characteristics. This Portland cement based material is mixed with water and applied to the prepared, dampened substrate without the need for specialist application equipment or primers. Even in winter temperatures, it cures rapidly to form a durable, abrasion and chemically resistant surfacing which is trafficked within only 2 hours of application, thereby minimising costly road closures.