

Bridge Lifting and Positioning Load Pins and Wireless Telemetry System

Industry: Lifting

Summary

Customer Challenge

New bridges on construction sites need to be carefully lifted and positioned to their final destination. This requires a load monitoring system in order to improve safety and ensure efficiency of the overall application.

Interface Solution

Interface suggests installing WTSLP Wireless Stainless Steel Load Pins in the cranes performing the lifting and positioning. Loads are monitored and data is wirelessly transmitted to the customer's PC through WTS-BS-4 Wireless Base Station with USB Interface in Industrial Enclosure. It can also be transmitted to the WTS-BS-1 Wireless Handheld Display for Unlimited Transmitters. Data can be displayed, logged, and graphed with supplied Log100 software.

Results

Interface's WTSLP Wireless Stainless Steel Load Pins paired with Interface's Wireless Telemetry System was the perfect monitoring system solution for lifting and positioning a bridge.

Materials

- WTSLP Wireless Stainless Steel Load Pins
- WTS-BS-4 Wireless Base Station with USB Interface in Industrial Enclosure with included Log100 Software
- WTS-BS-1 Wireless Handheld Display for Unlimited Transmitters
- Customer Laptop

How It Works

1. WTSLP Wireless Stainless Steel Load Pins are installed into the cranes that will lift the bridge pieces.
2. The WTSLP Wireless Stainless Steel Load Pins capture the bridge's load and wirelessly transmit it to the customer's PC through the WTS-BS-4 Wireless Base Station with USB Interface in Industrial Enclosure.
3. Customer's also have the option of using the WTS-BS-1 Wireless Handheld Display for Unlimited Transmitters. Results are displayed, graphed, and recorded with supplied Log100 software.

Bridge Construction

