



## Articulating Jib Assists With Bridge Maintenance

### Features and Benefits

Business: Bridge Maintenance

Product Type: Articulating Jib Crane

**Industry Group:** Monorail Manufacturers Association, Inc. (MMA)



**Industry:** Bridge Maintenance

### Application:

Rather than closing down lanes for several weeks, the company had installed access platforms about 20 feet beneath where the bearing retrofit would take place at two locations. The access platform was the staging area for the project, with structural steel components, tools and other hardware coming from down below.

### Solution:

2 Gorbels articulating jib cranes, one for each of the identical work areas. The 1000 pound capacity jib cranes measure 14' of overall span (8' for the primary arm, 6' for the secondary). The jib model used is a freestanding design, though it installed without a supporting column in order to flush mount on the side of the bridge.

**Problem:** With much of the maintenance material weighing several hundred pounds, they needed a way to lift the components from the access platform to the work area.

### Why Was Gorbels® The Smart Solution:

In seeking a solution to the lifting, the rigging requirements prohibited any permanent impact on the existing bridge structure, and any lifting

equipment would need to be small enough to have little to no effect on passing traffic. The company considered a mobile crane, but decided it was much too large and could potentially impede traffic flow.

“With the jib crane, we were able to lift our materials up from the access platform, and swing them over to the bearing, which was within range of the jib,” said the Project Manager.

“Even though we only used it for the two months, the cost of the jib was much better than the alternative of closed lanes. It was the right tool for the job, and exactly what we needed.”



**Gorbel Inc.**

600 Fishers Run

Fishers, NY 14453

Phone: 800-821-0086/585-924-6262

[info@gorbel.com](mailto:info@gorbel.com)

[www.gorbel.com](http://www.gorbel.com)