

## Case Study – Severn River Crossing.

### The Problem

Bridge maintenance is crucial to prolonging the life of any bridge and regular inspections are necessary to assess the condition of the bridge, it's residual load capacity and maintenance requirements, particularly after an accident or natural disaster.

Damaged components can be repaired or replaced to extend the life of the bridge, minimise downtime and ensure it is safe and fit for purpose. Cable-supported bridges can require structural repairs including industrial coatings inside the footings. Maintenance inside the footings of the suspension bridge presents work at height and confined space safety issues. Access to the footings is through a 700mm by 1000mm or 28 "x 40" door. Strict safety protocols for the assessment and repair of bridge foundations are mandatory.

### The Solution

The LOBO System is a re-configurable work platform product that combines the flexibility and strength of traditional scaffolding with the simplicity and mobility of tower systems. This combination provides a versatile access system that has applications right across the maintenance Industry.

The LOBO System, utilising its unique patented clamp, can be reconfigured and adjusted, without the need for tools, into any shape or size required. This simple system can be



assembled by anyone, as the components are modular. LOBO's electroplated steel legs and components can be flat packed when not in use and transported easily, for storage or utilisation elsewhere, especially suitable for restricted entry points.

Your own in-house maintenance crews can assemble the LOBO System quickly, easily and safely around, under or above

cables, anchorage pints and on slopes. To ensure safety, handrails can be fitted in seconds, at any point in the system, and at any stage of the assembly process. Staff should never be exposed to the risk of a fall.

This means out-sourced scaffolding labour costs can be reduced without compromising safety. Areas, previously considered difficult to get to, can now be accessed with ease for maintenance and cleaning purposes. As it is available 24/7 it puts you in control of what and when you schedule your maintenance tasks.

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

#### Conformities

EU: BS EN1004:2004 BS 1139 parts 3 & 4,  
USA: OSHA Compliant, ANSI A10.8, 29 CFR Part 1920 (General Industry)  
Canada: CSA Z797-09 and 269.2 (M87 and -16)  
Australia: AS/NZS 1576.1:2010 and AS/NZS 1576.3:2015 Tower



**Product Benefits**



LOBO is scalable, adaptable and adjustable to meet your ongoing and changing requirements. Simply add more components or alter your existing configuration to satisfy the demands of the next task. Protect your initial investment with a product that will meet all your access needs safely. LOBO is a rigid and stable product, which meets or exceeds current safety regulations.

**LOBO Towerstore**

The LOBO Towerstore offers security on and off site. The Towerstore provides a secure and yet simple way to store your LOBO components, which also makes managing all the components parts that much simpler.

Designed specifically for LOBO's advanced work platform system, it is fitted with feet for easy pallet truck or fork lift manoeuvrability. Also, it can be locked with a padlock for security. The Towerstore can be vertically or horizontally mounted to suit the workshop or can be transported for rapid deployment, on and off site.



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LOBO's electroplated steel structure ensures many years of product life and a system that will not shake or rattle.



LOBO's modular approach means components fully integrate and can be hand carried.

Fully constructed systems can also be made mobile by the addition of wheels.

Toe boards should be fitted to all configurations prior to the commencement of work.



### Cost Benefits

Experience shows that deploying the LOBO System reduces the costs associated with hiring scaffolding and constructing bespoke fixed access systems. It is up to 10 times fast than traditional tube and clamp systems. By reducing your reliance on out-sourced scaffolding and engineering companies, cost savings will be achieved – easily within a 12-month period.

With this quantifiable reduction in costs comes the added savings associated with reduced down-time and greater productivity from your maintenance department.

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