

SIGA

STRUCTURAL ENGINEERING

Siga News

December 2007

Lifting 13 Tons 50m above the river



Project: Commercial Bridge Maintenance

Key Objectives

- The initial objective was to provide a solution to get the necessary clamps into position.
- Designing the concrete plinth to support the winch system lifting 2 x 6.5 (13 Ton) of clamps (equipment).
- Working with all the necessary contractors.

Challenges

- Whilst time is always critical, this was the most crucial aspect of our service for this project.
- Providing the best solution to keep the winches stable during the course of lifting 6.5 Ton clamps - which in some instances were 50m above the river bed.
- Although our input in the end was relatively simple, getting to this point had a few hair-raising but rewarding moments.



Siga Solutions

- Siga provided the necessary initial design input to facilitate the strategy for the lifting of the clamps.
- Design and documentation of the concrete plinth.
- Site inspections, professional advice and discussions.
- And yes, the 13 Ton of clamps were successfully lifted into position 50m above the lower river bed.

If you have a challenging project, then why not make contact and get us involved. We're here to help you get the best result for your project.

Zac's Joke:

Student: Would you punish me for something I didn't do?

Teacher: No, of course not.

Student: Good, because I didn't do my homework!!!

Zachary Simone – 9 years old – hopes you enjoy this joke

Warm Regards,
FRANK SIMONE