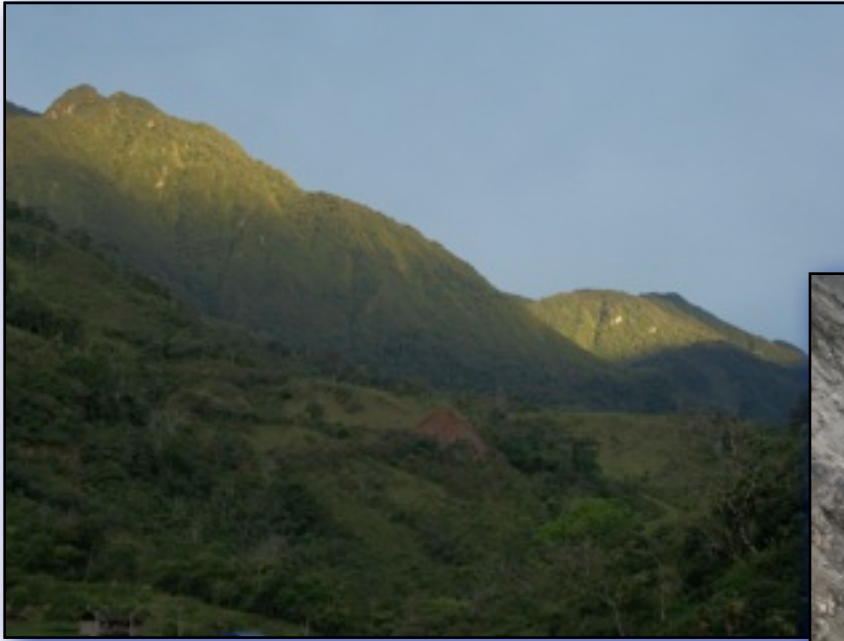


U.S. Bridge Installs Liberty Series Modular Panel Bridge in a Remote Area in Peru.



Odebrecht, with more than 120,000 employees globally and revenues exceeding \$25 billion, is one of the largest construction companies in the world. As part of their contract in Peru, Odebrecht is responsible for maintaining 955 km of major highways and often require consulting on the necessity for bridges and bridge replacement.

The need to act immediately in the event of an emergency requires the company to store bridges that are quickly deployable and can adjust to different lengths. Additionally, these bridges need to have the structural integrity and flexibility to be left in place either temporarily (8-10 months until the permanent arrangements can be completed) or left in place permanently.

This dual requirement meant that many other “panel bridge” providers were not eligible to provide bridges that met Odebrecht’s needs as your typical panel bridge could not be left in place permanently without requiring very frequent and expensive maintenance.

That is why Odebrecht turned to U.S. Bridge. As the largest fabricator of steel truss bridges, U.S. Bridge possesses not only the in-house engineering knowledge and capabilities to provide consultation services to Odebrecht but also the fabricating experience and product line to meet the customer’s requirements.



U.S. Bridge Case Study - Liberty Series Modular Panel Bridge



After visiting U.S. Bridge's engineering and fabricating campus in Cambridge, Ohio, Odebrecht placed their initial order for a 55 m long x 3.66 m wide Liberty Series Modular Panel Bridge. The Liberty Series met all the established criteria for the dual usage requirement as well as being capable of being launched or installed by crane. Ideal for Odebrecht, the Liberty Series modular panel bridge system was designed to adjust to different lengths by simply adding or removing existing panels. The superstructure carried an AASHTO loading of HS 25 with a 2 million cycle fatigue load status.

According to Alberto Marotorelli, Vice President, Odebrecht, "We like the professionalism exhibited by U.S. Bridge throughout the project as well as the exemplary level of services provided. The assembly and installation procedures were of the highest quality and better than anything we had seen from others in the past. They provided outstanding on-site



Six containers left New York City in the middle of a significant snow storm in December, 2010. After two weeks on the Atlantic, the containers arrived in Lima, Peru where they were transferred by truck to Odebrecht's warehouse, more than 1000 km from the port and then from there to the site for installation.

installation supervision from a USB professional who has installed more than 500 bridges himself".

For more information on the Liberty Series Modular Panel Bridge and the full line of bridge solutions from U.S. Bridge, please U.S. Bridge (888) 872-7434 ext 293.



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