

S T R A N D L I F T I N G  
T E C H N O L O G Y



## Project Report Partial Replace- ment of Stephanie- bad Bridge



# PARTIAL REPLACEMENT OF A STEEL BRIDGE

The overaged steel bridge of the underpass of the west exit of Karlsruhe central station was partly replaced by a concrete bridge in 2014. The new monolithic concrete bridge was built near the route. After completion, part of the old steel bridge was demolished and the new concrete bridge was pulled to its position using two PDH-080 strand lifting jacks.

DATA	
Bridge weight:	approx. 1.000 t
Realization date:	October 2014
Executing company:	Thyssenkrupp Infrastruktur GmbH

PAUL STRAND LIFTING TECHNOLOGY USED	
Strand lifting jacks:	2 x PDH-080
Max. displacement force:	2 x 800 kN



Error and modification reserved.

PAUL STRAND LIFTING TECHNOLOGY ON YOUTUBE:  
[stressing-channel.paul.eu](https://www.youtube.com/channel/stressing-channel.paul.eu)

