

# Case Study

## RS115 | Commercial Road

**Project:** Traffic Signals, Commercial Road, London, England  
**Product:** RS115df sockets



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RETENTION SYSTEM™ sockets significantly ease the logistical challenge and traffic management in transporting wide loads. On Sunday, 6 April 2014, a Crossrail tunnel boring machine, with a 7.1 metre diameter cutterhead and 65 tonne shield, was driven through the streets of East London. Along the carefully planned route, traffic signal poles installed in IPL group's RETENTION SYSTEM™ foundations were easily unlocked and lifted out. Each pole lay flat on the ground, undamaged, as the wide load passed by and was then immediately lifted back into the RS socket. The journey took two hours, traffic signal junctions were quickly back in operation and traffic disruption kept to a minimum.



Further information on the RETENTION SYSTEM sockets for post installation is available at [www.retention-system.com](http://www.retention-system.com). Measurements and weights are approximate. The designs are the property of Innovative Products Ltd (IPL group) and may not be reproduced without express permission. Innovative Products reserve the right to amend specifications or to withdraw models without prior notice. © March 2015.

