

Reason for closure	Description
Power Upgrade (ATF Project)	Network Rail enhancements to the power supply on Anglia Route to support the Crossrail project - programme was delivered later than expected.
HS 2 works	Enabling works for Old Oak Common HS 2 station.
Maintenance	Infrastructure Maintenance - Regular extended access to undertake critical maintenance activities (this is standard practice across the rail network).
High Output Track Renewals	Track Renewals delivered overnight on weekdays using specialist on track machines. This reduces the amount of full day closures over weekends.
Track Renewals	Track renewals - there is a rolling programme of track renewals (this is standard practice across the rail network).
Drainage Works	Maintenance of lineside drainage.
COS System Testing for Easter Signalling software upgrade	Testing for an upgrade to the COS signalling system - there have been incremental enhancements to the signalling system to improve performance and reliability.
S & C maintenance	Switches and Crossing (points) maintenance.
S & C renewals	Switches and Crossing (points) renewals.
Signalling Software Testing	Testing for an upgrade to the COS signalling system. Network Rail extension of ETCS signalling - this project was delivered later than expected.
Signalling Software Upgrade	Commissioning an upgrade to the COS signalling system. Network Rail extension of ETCS signalling - this project was delivered later than expected.
Late notice maintenance work	Typically these are requested to repair an unexpected infrastructure fault.
Overhead line maintenance	Infrastructure Maintenance - Regular extended access to undertake critical maintenance activities (this is standard practice across the rail network).
Enhanced maintenance	Additional Network Rail maintenance to address infrastructure performance issues on Western Route.
Heathrow Works	Occasional possession of Heathrow Airport Limited infrastructure to undertake major renewals work that cannot be undertaken in the usual overnight period..

Notes:

Very late notice emergency engineering work is not shown.

Train services are also affected by work taking place elsewhere on the rail network, which has an impact on the Elizabeth line route.