

Infrastructure Projects

*Thameslink Programme:
Overview*

*Sevenoaks Rail Travellers
Association, 9.10.12*

*Mike Smith, Route Enhancement
Manager, Network Rail Kent*

Network Rail's role

- The DfT Thameslink Programme has 3 components:
 - Infrastructure Works
 - New Trains
 - New/amended Franchises
- Network Rail has signed a regulatory 'Protocol Agreement' with the DfT to deliver the infrastructure elements of the programme
- The DfT retains the overall business case and the technical and programme integration risks

Key Output 2

Outputs

- Infrastructure to enable up to 24 trains per hour capability through the core (18tph via London Bridge and 6tph via Elephant & Castle) by **Dec 2018**

Key Project Elements delivered by NR

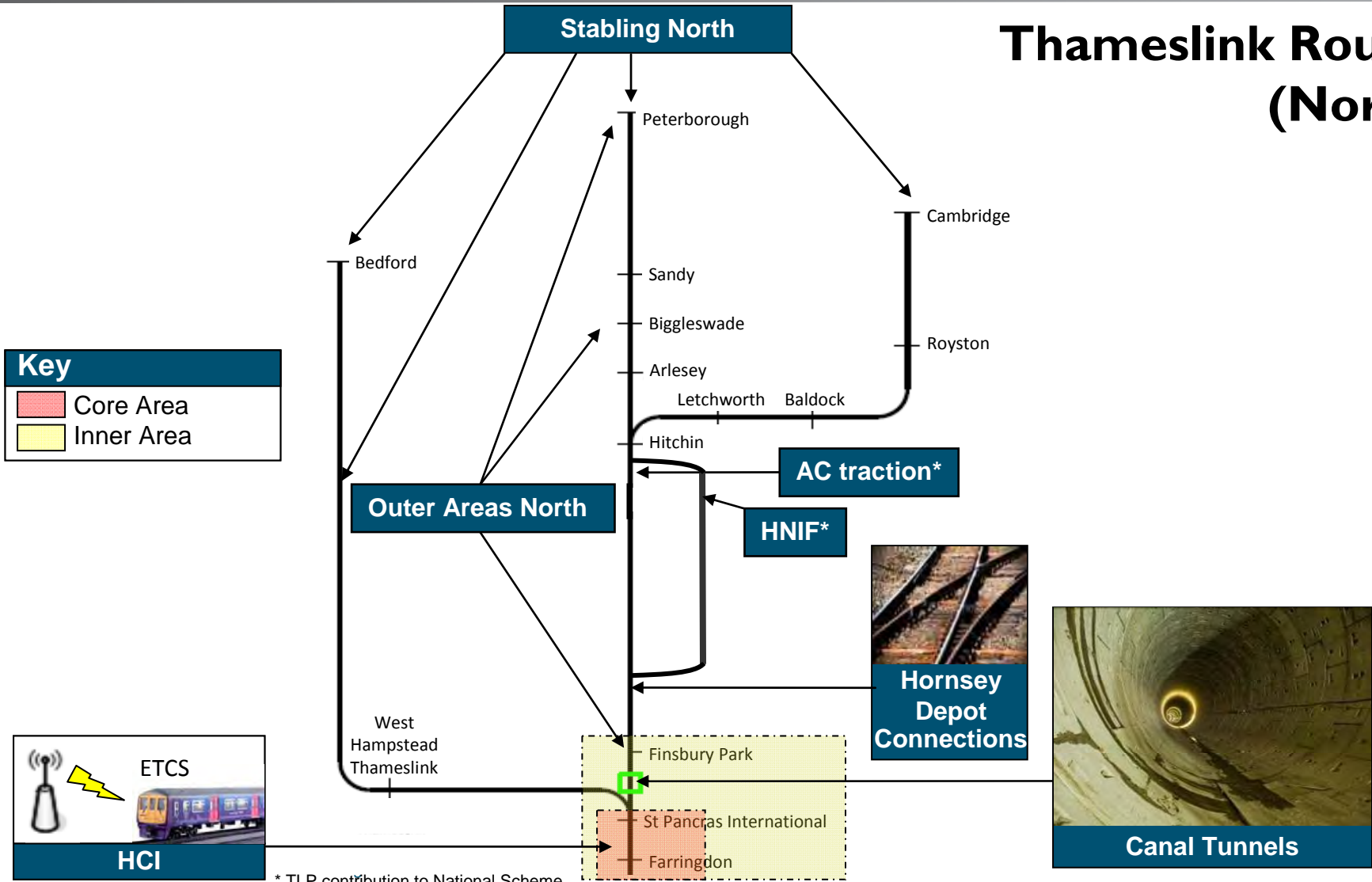
- Borough Viaduct (delivered in KO1 timescales)
- Re-developed London Bridge Station
- Re-signalling of London Bridge area and construction of Bermondsey dive-under
- Fit out of Canal Tunnels (connects to ECML)

Status

- Detailed design phase to commence December 2012

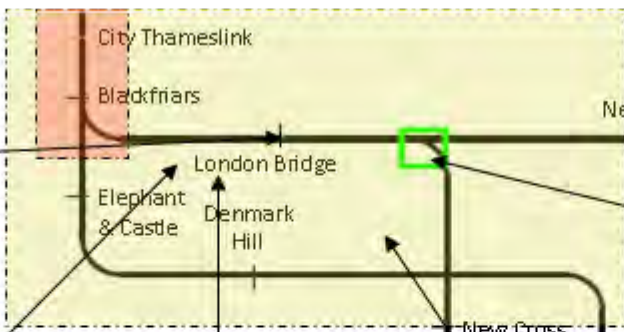
Key Output 2 Scope

Thameslink Routes (North)





**London Bridge Station,
Civils & SISS**



**Tanners Hill
Flydown**



Borough Viaduct

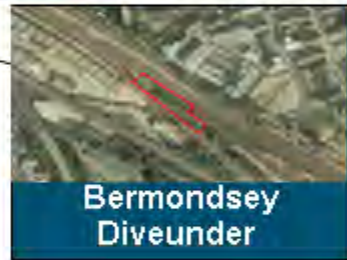


**London Bridge
Rail Systems**

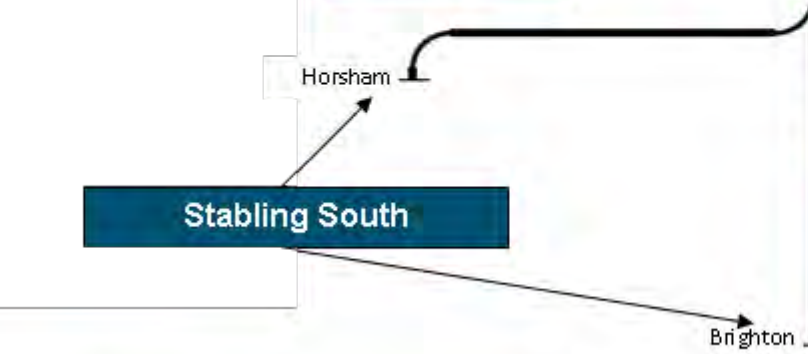


TBROC*

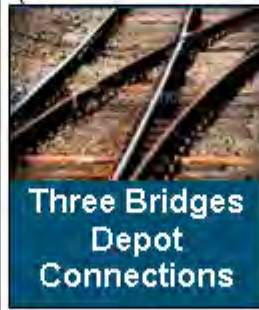
DC Traction



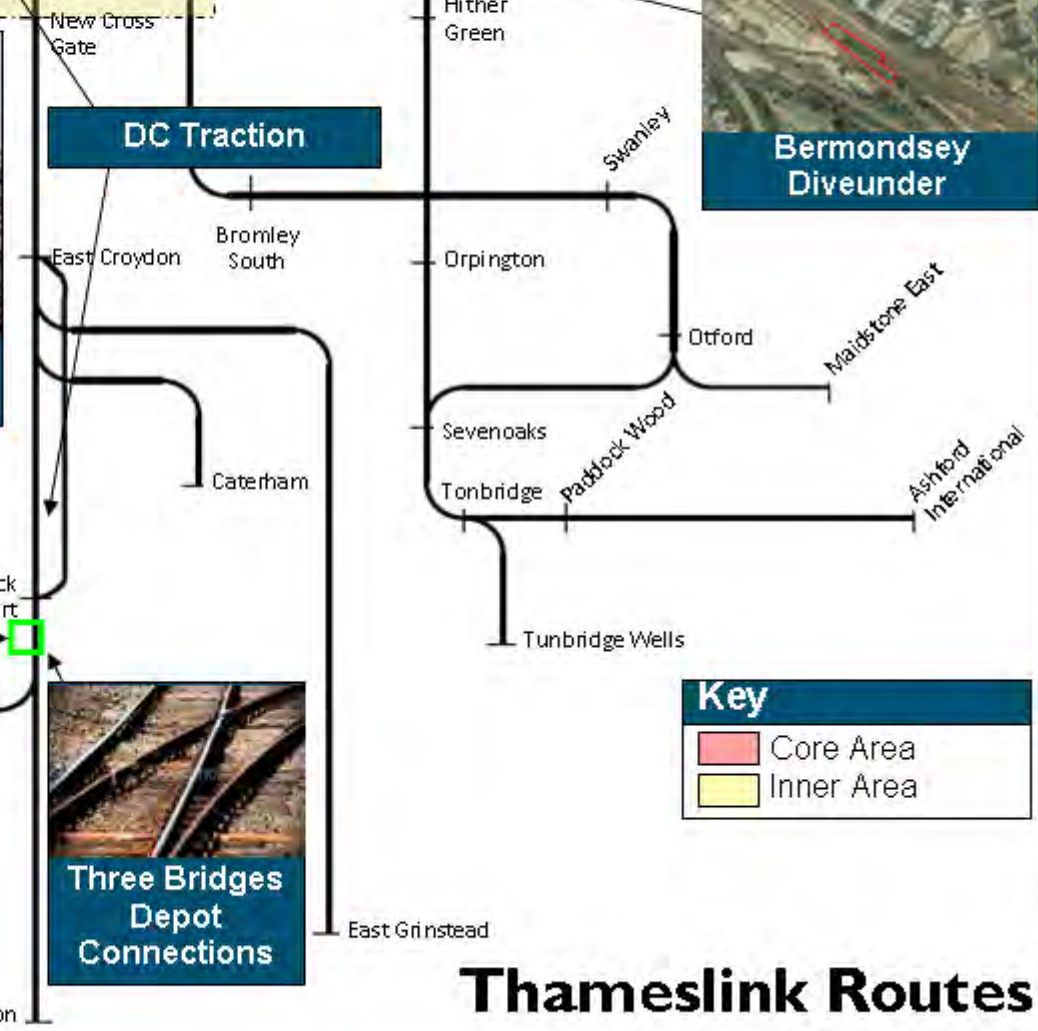
**Bermondsey
Diveunder**



Stabling South



**Three Bridges
Depot
Connections**



Key

- Core Area
- Inner Area

Thameslink Routes (South)

* TLP contribution to National Scheme

Infrastructure Projects

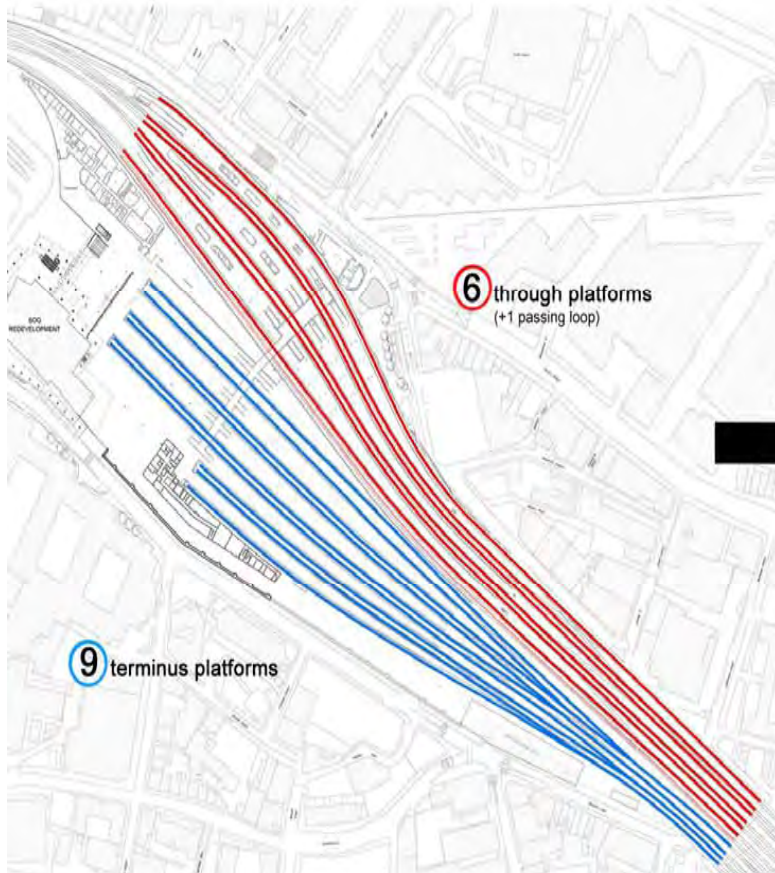
*London Bridge
Station*

Aerial view of platforms

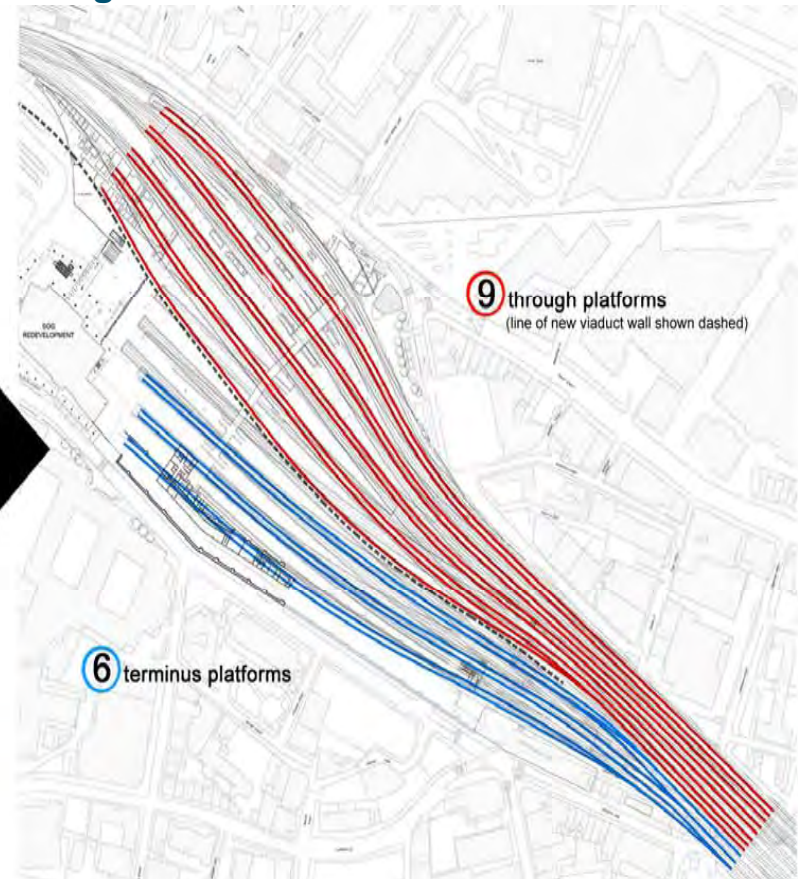


London Bridge Station reconstruction

Existing Track Configuration



Proposed Thameslink Programme Track Configuration



Station requires track reconfiguration to accommodate Thameslink Programme

New Concourse



Concourse Serving all Platforms



Tooley Street Entrance



St Thomas Street Entrance



View along platform to West



Terminating Concourse



Train service timetable during construction

- On going development work is taking place between Network Rail, the DfT and the train operators.
- This process is developing the train service that can operate during the construction phases of London Bridge and its approaches.
- London Bridge construction works start in May 2013 and will finish January 2018.

Kent services post construction

- On going development work is taking place between Network Rail, the DfT and the train operators.
- The DfT are evaluating responses from the Franchise Consultation in respect of the timetable from 2018.
- This process is developing the train service that can operate on completion of the works at London Bridge and on other parts of the Thameslink network.
- This is an opportunity to open up new services across Thameslink and Southeastern to ensure it gives the best service available to the customer.
- Similar service levels that operate today will operate to Charing Cross and Cannon Street from January 2018.