

Western Rail Link to Heathrow (WRLtH)

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Presented at the Railfuture Autumn 2018 Conference
at the Novotel, Reading, on Saturday 10 November 2018

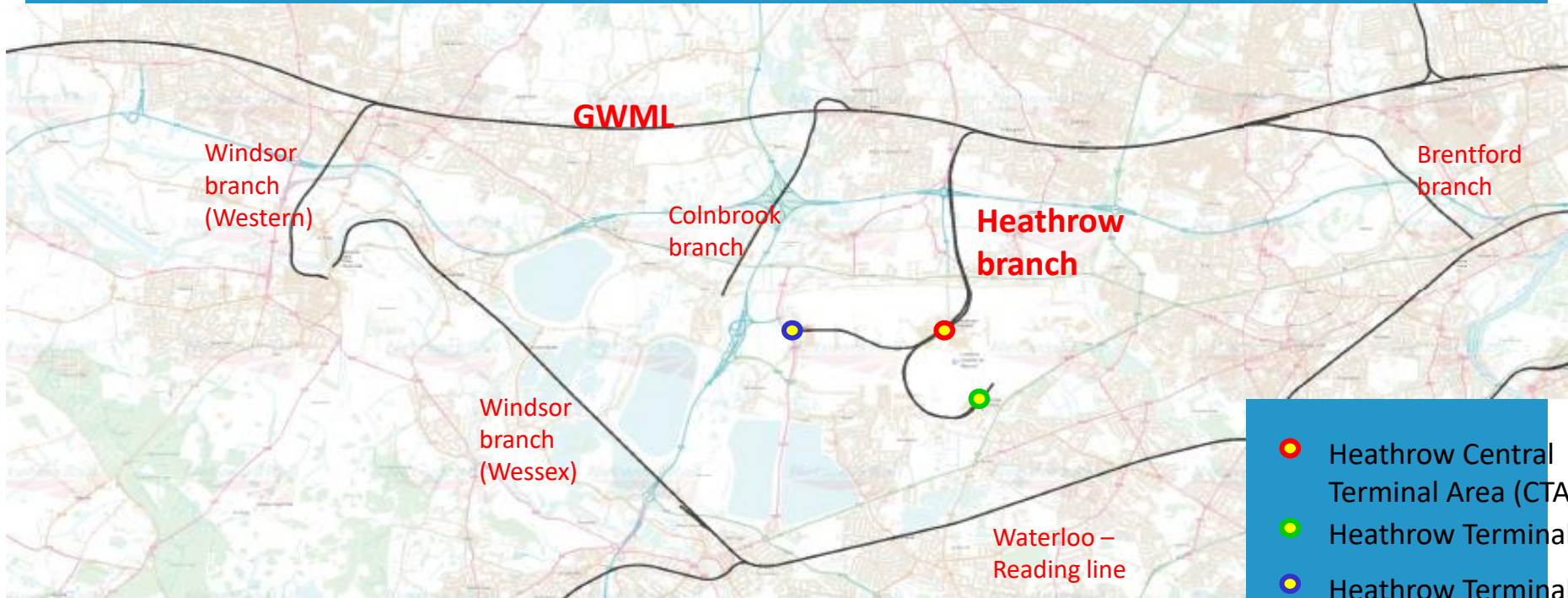
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@networkrailwest

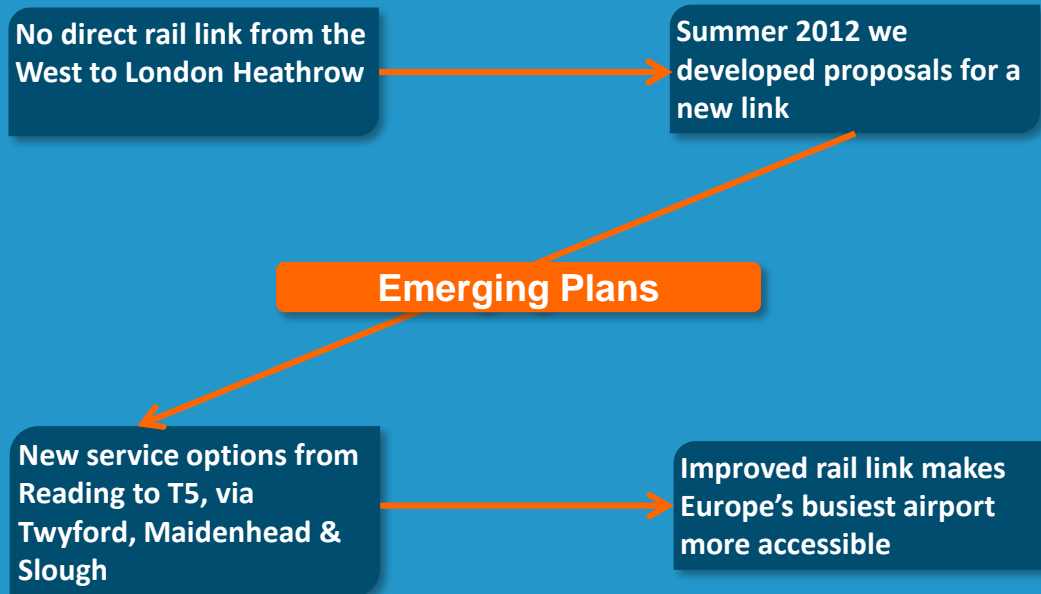
Working for you.

Heathrow today



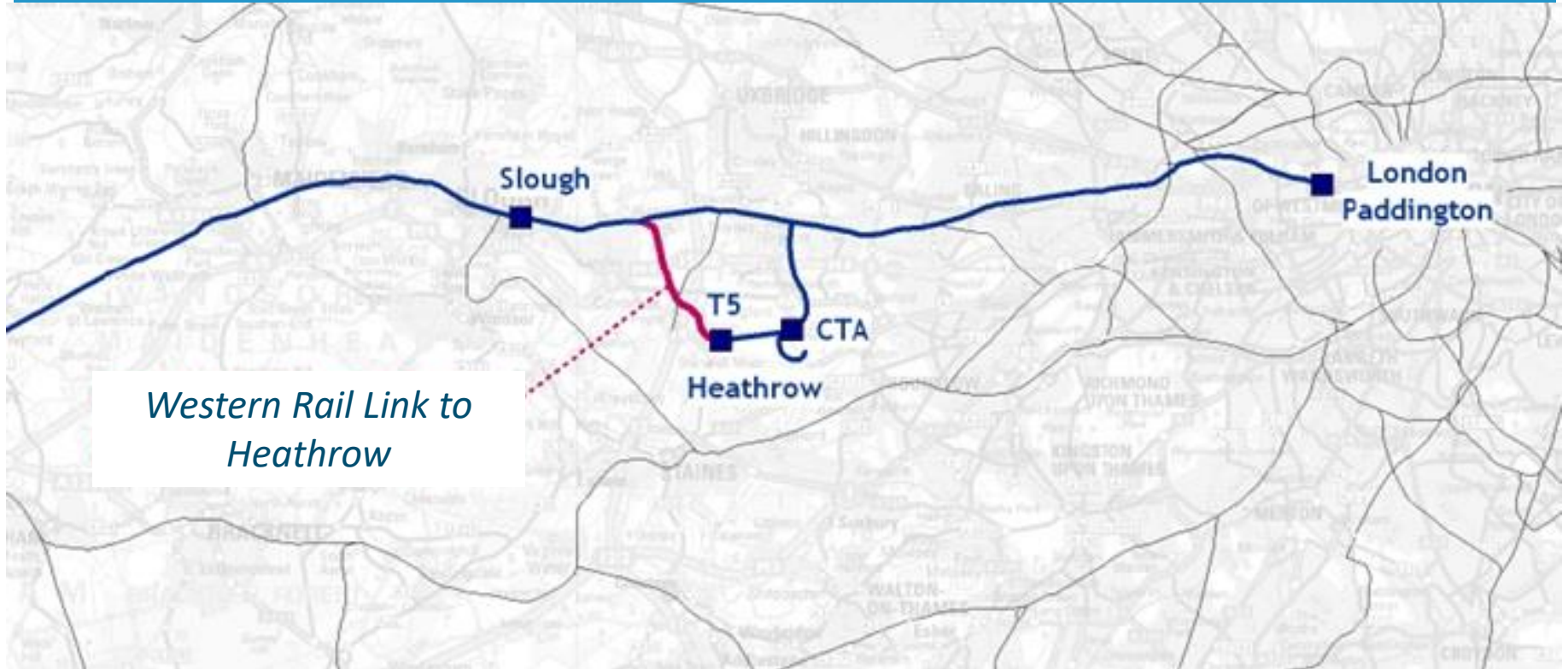
- Heathrow Central Terminal Area (CTA)
- Heathrow Terminal 4
- Heathrow Terminal 5

Project background



- ✓ The project is not dependent on airport expansion, the business case is based on a static, 2 runway Heathrow airport.
- ✓ The demand for this proposed service is here today, with capacity for tomorrow

Route Map



Western Rail Link to Heathrow

Project Overview

- WRLtH is a proposed new direct rail link from the West to Heathrow providing a step change in journeys to Britain's busiest airport through fast, frequent and reliable train services
- Project is a Nationally Significant Infrastructure project and requires the submission of a Development Consent Order
- The scheme is not dependent on airport expansion
- Project design is reaching maturity following extensive consultation to optimise the route and design solution
- Working with the Department for Transport and Heathrow Airport Limited
- Project is currently only funded for development, further funding subject to a satisfactory business case and agreement of acceptable terms with the Heathrow aviation industry

Why build a new Western rail link to Heathrow?

Improve accessibility to Heathrow from the South coast, South West, South Wales and West Midlands

Make greater use of existing investment in Reading station



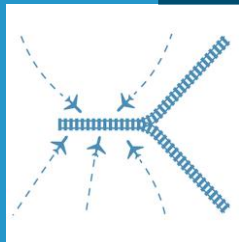
Reduces congestion on M4, M3 and M25



Speed up journey times to Heathrow Airport

Offers passengers a greater travel choice

Provides better connection to rail routes



Significantly reduce congestion at Paddington



Boost economic benefits for those situated in the Thames Valley & beyond

Single Option

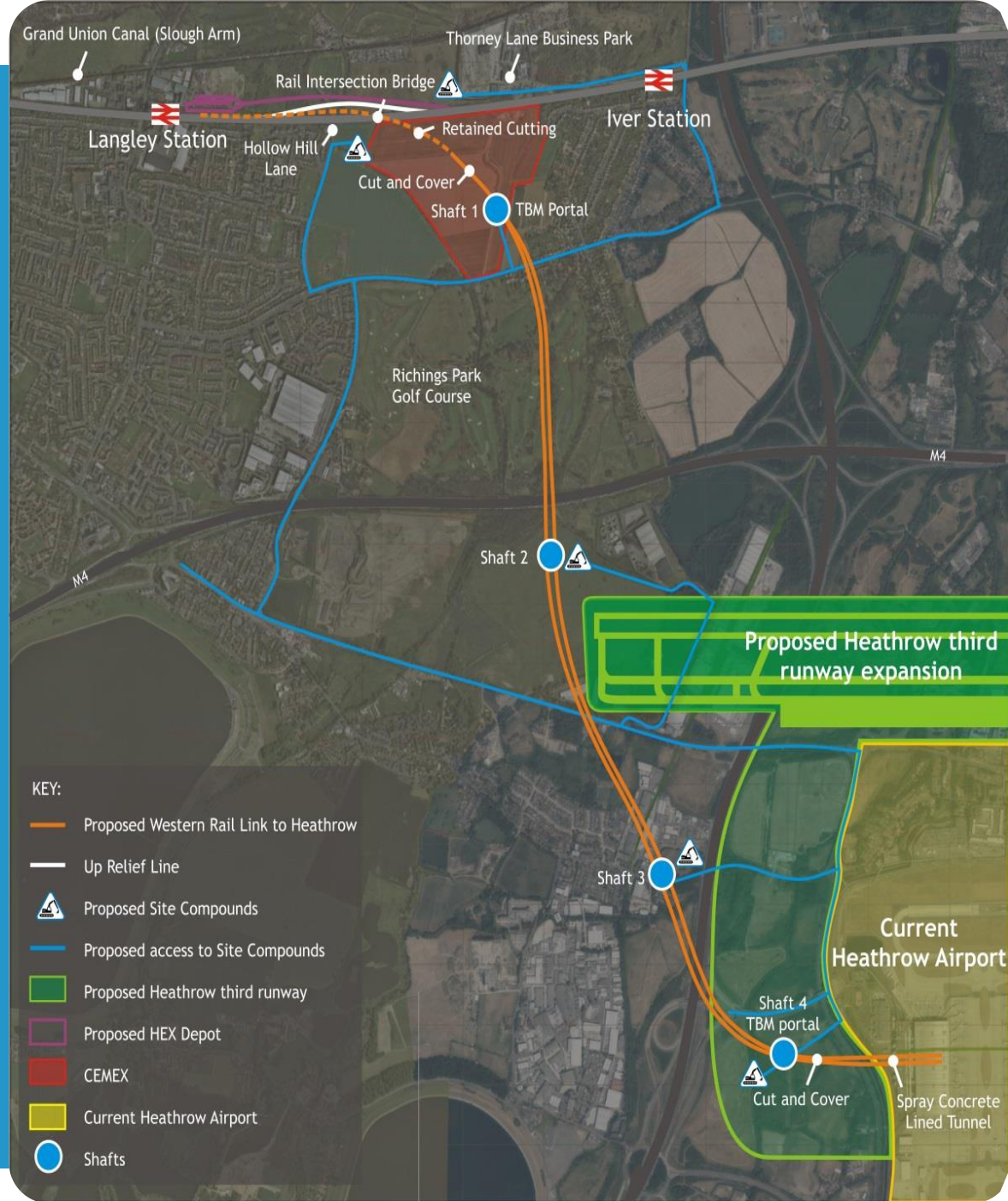
Approx. 6km of new rail infrastructure

4 access shafts above ground along the line of route

Connects to existing stub tunnels at Heathrow

Interfaces with other projects including:

- Proposed Third Runway at Heathrow
- CEMEX mineral extraction
- Proposals for Southern Rail Access
- Smart Motorways M4 and M25



Potential journey time savings

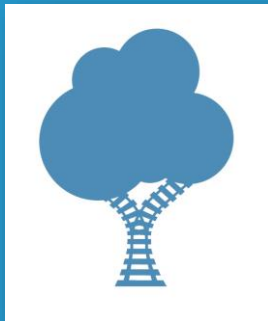
4 trains per hour in each direction with all trains calling at Reading and Slough and alternative trains calling at Twyford and Maidenhead



	Current	WRLtH	Av. Car journey times to T5
Reading	68 mins	26 mins	40-60 mins
Twyford	67 mins	21 mins	30-45 mins
Maidenhead	59 mins	14 mins	20-35 mins
Slough	52 mins	6 mins	15-25 mins

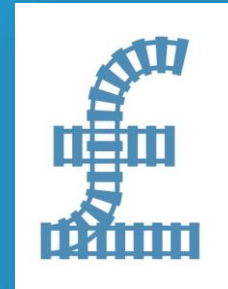
Environmental and Economic benefits

Reduced congestion on motorways, local roads & London Paddington



Excellent **transport links** with international markets to secure trade and investment

Predicted over **£800m** of additional UK economic activity



Predicted **42,000 new jobs** nationally

Modal shift for economic growth as businesses set up or re-locate to the West

55% of the journeys are extracted from road

CO2 emissions reduction equivalent to **30 million road miles** per year

Additional 20% of UK population within one interchange to Heathrow

More places in the South & South West are within the **'Golden Hour'** travel time to Heathrow

Consultation

Between 11 May and 22 June 2018, we held 18 public consultation events around Langley, Colnbrook, Iver and Richings Park, which were attended by more than 320 people.

We received 1,328 responses from the public and stakeholders via post, email and our consultation website.

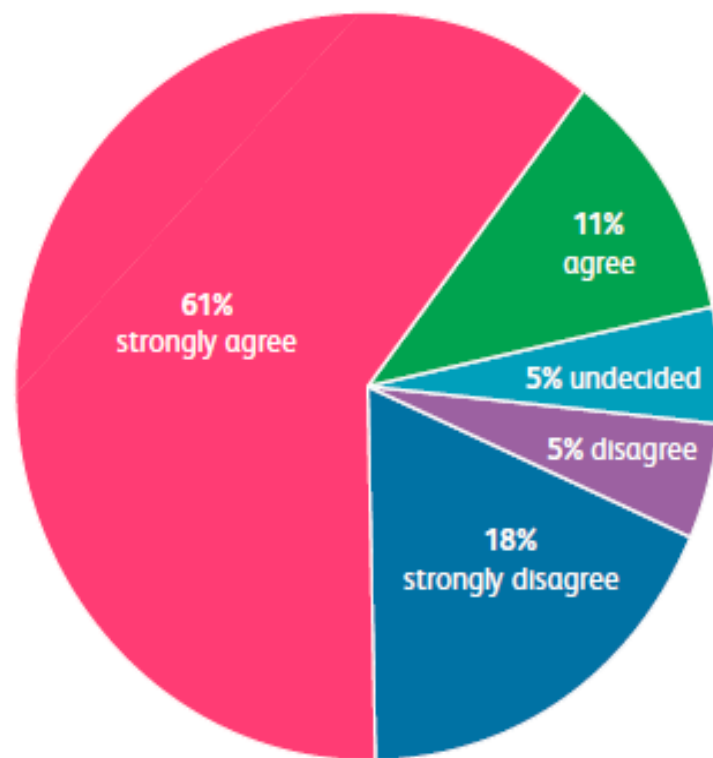
Do you agree with Network Rail's plans to improve access to Heathrow Airport from the West?

Feedback summary

72% strongly agreed or agreed with the statement "Do you agree with Network Rail's plans to improve access to Heathrow Airport from the West?"

23% of people either disagreed or strongly disagreed with the proposal.

147 comments received encouraging the industry to speed up delivery of the proposed scheme.



Of the **23%** who disagreed or strongly disagreed, the closure of **Hollow Hill Lane/Mansion Lane** featured most as the reason.

WRLth is a strongly supported scheme

Support from a wide range of stakeholders nationwide



WOKINGHAM
BOROUGH COUNCIL



SEGRO
WHERE BUSINESS WORKS



Heathrow
Making every journey better



West of England
Local Enterprise Partnership



Llywodraeth Cymru
Welsh Government



Worcestershire
Local Enterprise Partnership



Microsoft

Plymouth & Devon
Chamber of Commerce



SBCP
SLOUGH BUSINESS
COMMUNITY PARTNERSHIP



Heathrow
Express

The Royal Borough



Windsor &
Maidenhead



Thames
Valley
Berkshire
LOCAL ENTERPRISE PARTNERSHIP

CBI
THE VOICE OF BUSINESS



CHEL TENHAM
CHAMBER OF COMMERCE

MAIDENHEAD
& DISTRICT
CHAMBER OF COMMERCE

Reading
Borough Council
Working better with you

Programme milestones

- **Statutory Consultation complete** June 2018
- **OBC complete** March 2019
- **DCO Submission** Summer 2019
- **DCO decision** Nov 2020
- **Judicial review period complete** Jan 2021
- **Environmental and enabling work start** Early 2021
- **Main construction works start** 2022
- **Construction complete** 2027

Western Rail Link to Heathrow



www.networkrail.co.uk/westernraillinktoheathrow

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