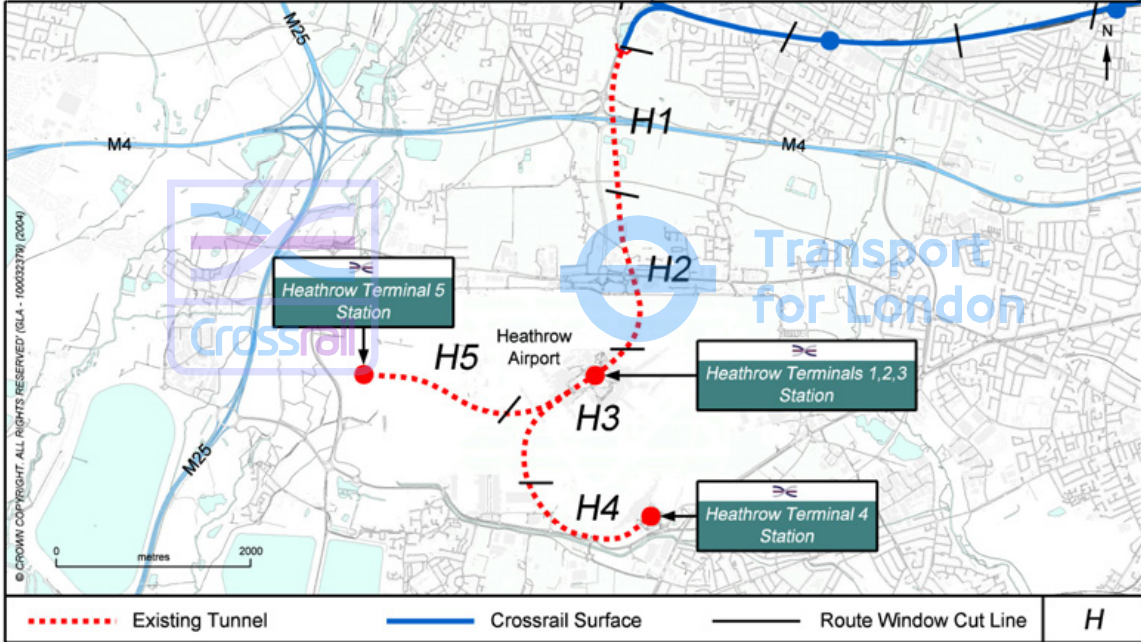


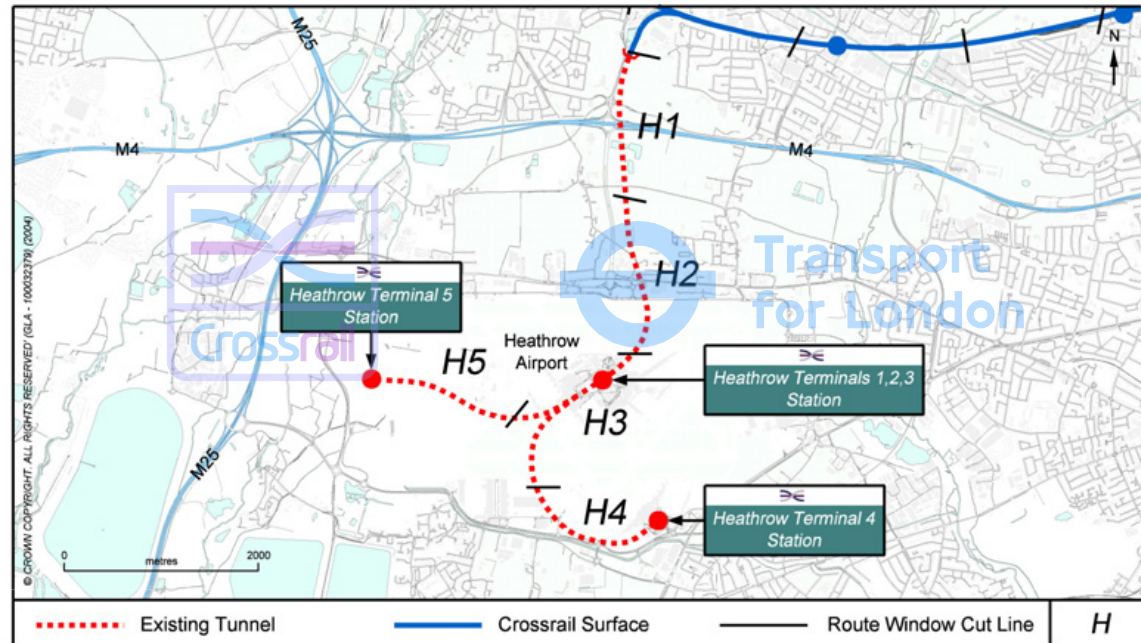
Chapter 27

Route windows H1–H5

Heathrow



27 Route windows H1–H5 Heathrow



Introduction

27.1 In order to allow Crossrail trains to access Heathrow terminals, Crossrail will provide a service into the airport via Stockley junction. These five route windows encompass the existing rail infrastructure into the airport. No Crossrail works will take place in:

- H1: Heathrow Express Tunnel (North);
- H2: Heathrow Express Tunnel (South);
- H3: Heathrow Terminals One, Two and Three;
- H4: Heathrow Terminal Four; and
- H5: Heathrow Terminal Five.

Mitigation and temporary impacts

27.2 There will be no construction activity in these windows, and therefore no impacts or mitigation.

Mitigation and permanent impacts

27.3 The significant operational impacts and mitigation measures are indicated in Table 26.2.

27.4 Passenger numbers with Crossrail are expected to increase by about 350 passengers entering and 350 passengers leaving the Heathrow area in the morning peak period. Heathrow Terminals provide sufficient capacity for the forecast passengers.

27.5 There is one significant operational impact to note at Heathrow. Significant impacts on rail users at Heathrow are forecast. Rail passengers are forecast to experience significant journey time benefits. These are discussed below.

Impact on journey times

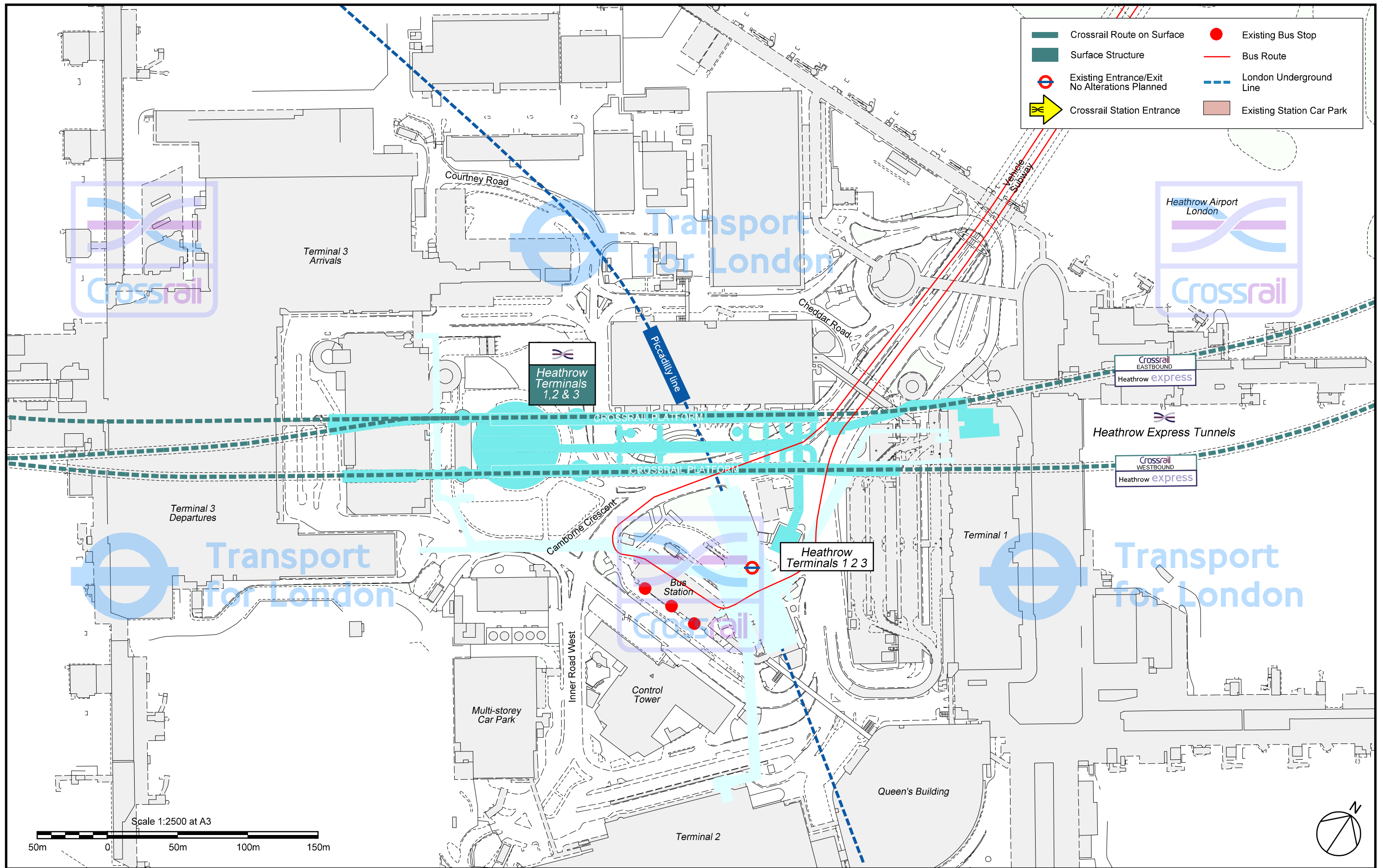
27.6 Table 14.1 sets out representative journey time changes between Heathrow terminals 1,2 and 3 and selected Crossrail stations. They are typical of the journey time changes to many of the stations served by Crossrail.

Table 27.1: Journey time changes With Crossrail at Heathrow terminals 1,2,3 (Platform to Platform)

From / To		Ealing Broadway	Tottenham Court Road	Farringdon	Liverpool Street	Canary Wharf	Stratford
From Heathrow	Without Crossrail	15	31	31	35	43	48
	With Crossrail	15	29	32	35	41	45
	Savings (mins)	0	2	-1	0	2	3
	Savings (%)	0%	7%	-3%	0%	5%	6%
To Heathrow	Without Crossrail	15	37	36	40	51	54
	With Crossrail	15	32	35	38	44	49
	Savings (mins)	0	5	1	2	7	5
	Savings (%)	0%	14%	3%	5%	14%	9%

Table 27.2: Route window H1 to H5 – Permanent impacts at Heathrow terminals 1,2,3

Potential impact	Significance	Committed Mitigation	Residual Impact	
			Description	Significance
Public Transport – improved journey time and accessibility – see journey times table above.	Significant	N/a	N/a	Significant



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HEATHROW TERMINALS 1, 2 & 3 TRANSPORT LINKS

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MAP
H3(vi)

SCALE: 1:2500 @ A3
11/02/05 110400-W1500-P00-P-50014

