

# High Speed Rail (Crewe – Manchester)

# Background information and data accompanying SES1 and AP1 ES

#### **Air quality**

BID AQ-002-0MA04 SES1 and AP1 ES MA04: Broomedge to Glazebrook Additional data used in the air quality assessment



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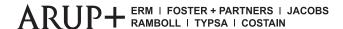
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#### 1 Introduction

#### 1.1 Structure of this report

- 1.1.1 This document sets out Background Information and Data (BID) that accompanies the High Speed Two (HS2) High Speed Rail (Crewe Manchester) Supplementary Environmental Statement 1 (SES1) and Additional Provision 1 Environmental Statement (AP1 ES)<sup>1</sup> for the Broomedge to Glazebrook area (MA04).
- 1.1.2 This document contains the traffic data that was used in the air quality assessment set out in the SES1 and AP1 ES.
- 1.1.3 In order to differentiate between the original scheme and the subsequent changes, the following terms are used:
  - 'the original scheme' the Bill scheme submitted to Parliament in January 2022, which was assessed in the main ES<sup>2</sup>;
  - 'the SES1 scheme' the original scheme with the changes described in SES1 that are within the existing powers of the Bill; and
  - 'the AP1 revised scheme' the original scheme as amended by the SES1 changes and AP1 amendments.

#### 1.2 Methodology

1.2.1 Details of the methodology used are provided in the Environmental Impact Assessment Scope and Methodology Report (SMR)<sup>3</sup> of the main ES.

<sup>&</sup>lt;sup>1</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement*. Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement">https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement</a>.

<sup>&</sup>lt;sup>2</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement*. Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement">https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement</a>.

<sup>&</sup>lt;sup>3</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, Environmental Impact Assessment Scope and Methodology Report,* Volume 5, Appendix: CT-001-00001. Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement">https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement</a>.

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#### 2 Construction traffic data

2.1.1 Table 1 presents the traffic flows used in the air quality assessment from construction related vehicles on the highway network.

Table 1: Highway network construction traffic flows in the Broomedge to Glazebrook area (MA04)

Road ID	Start and end coordinates	Annual average daily traffic (AADT) flows		Heavy duty vehicle (HDV) flows		Notes
		2025 without the AP1 revised scheme	2025 with the AP1 revised scheme	2025 without the AP1 revised scheme	2025 with the AP1 revised scheme	
80105_85733, 80106_80331	366304, 388884 to 366216, 385910	152,956	156,246	22,139	23,109	-
85864_85863, 85866_80105	366330, 388736 to 366037, 389391	123,995	126,946	20,431	21,401	_

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### 3 Operational traffic data

3.1.1 Operational impacts were not modelled for the Broomedge to Glazebrook area (MA04).

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#### 4 References

High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement.* Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement.">https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement.</a>

High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement*. Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement">https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement</a>.

High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, Environmental Impact Assessment Scope and Methodology Report,* Volume 5, Appendix: CT-001-00001. Available online at: <a href="https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement">https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement</a>.

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