

Section P: Part 1 Construction Traffic Maps - Proposed Scheme

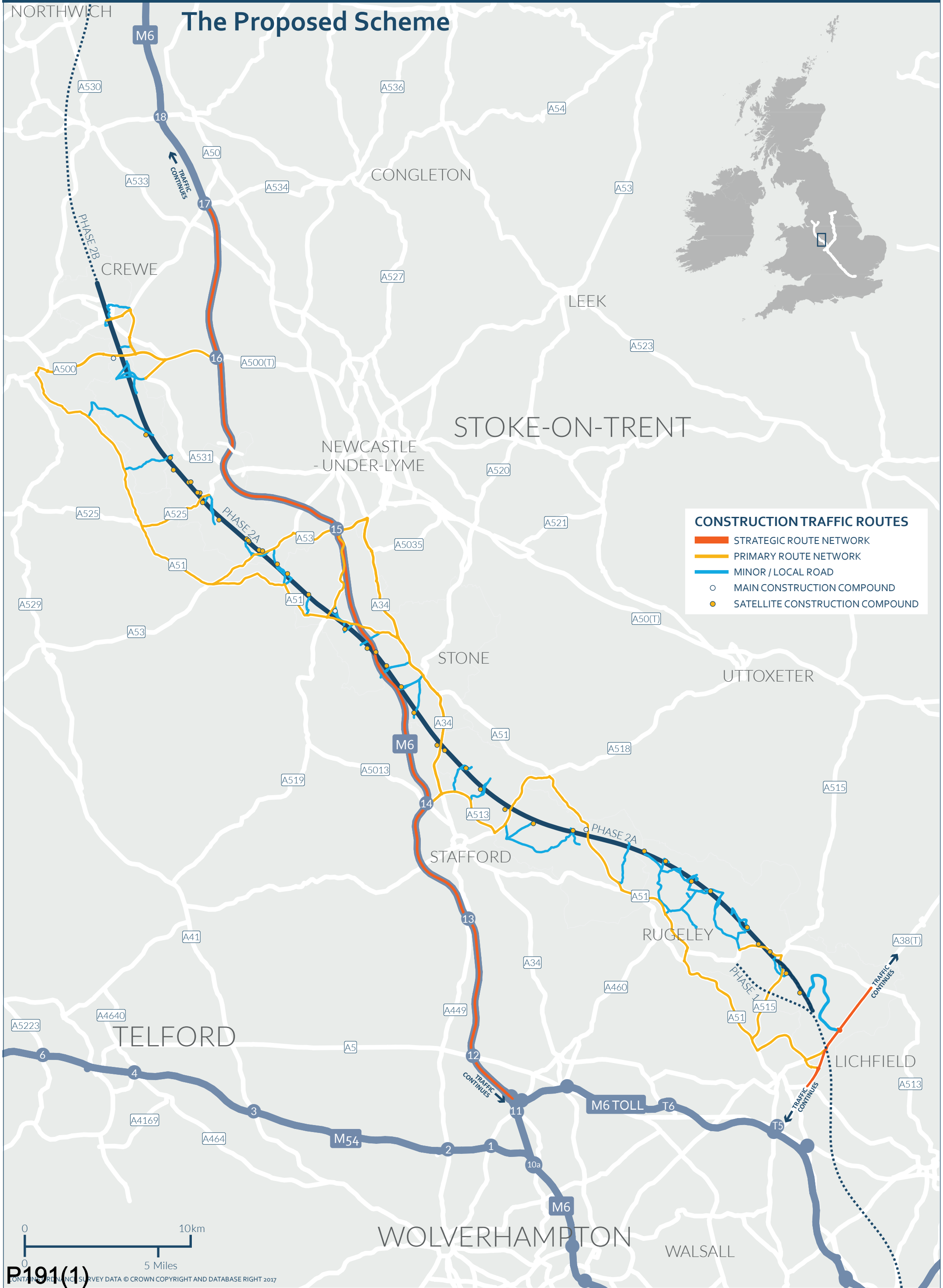
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HS2 Phase 2a Construction Traffic Routes

05/01/2018 v6



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LEGEND

-
- Diagram illustrating the relationship between months busy, peak daily two-way HGV movements, and months peak:
- Months (Busy) → 100
 - Peak Daily Two-Way HGV Movements → 20
 - Months (Peak) → 10

Where no construction flow is shown, route is either lightly used (less than 10 HGV movements per day) or is for upgrade or utilities works only.



HS2 Phase 2A

Construction Traffic Routes

Peak and Busy Months - CA2

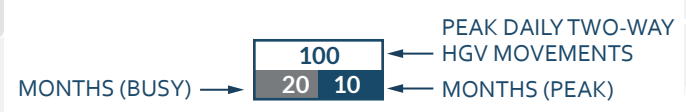
05/12/2018 v5

The Proposed Scheme

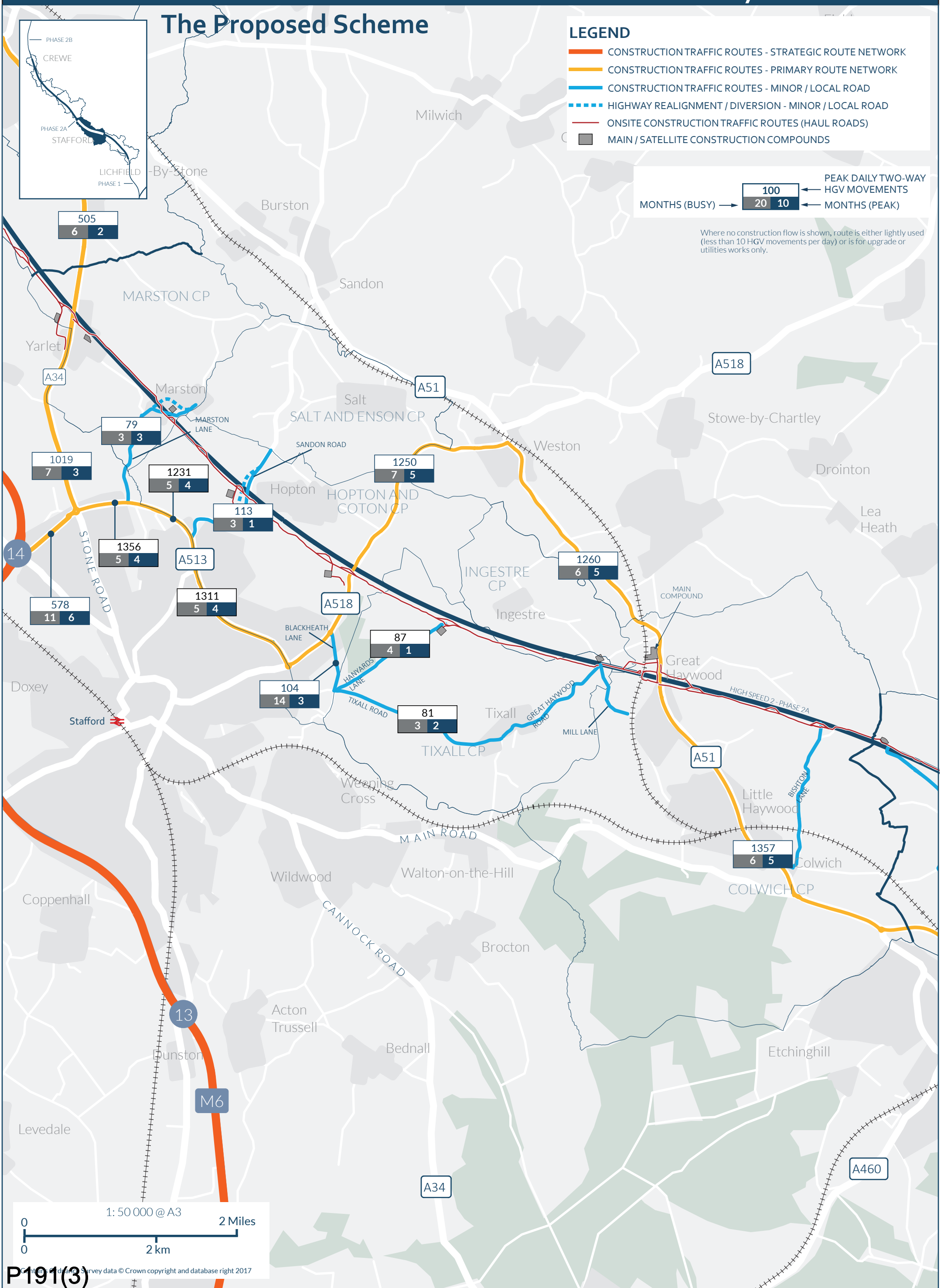


LEGEND

- CONSTRUCTION TRAFFIC ROUTES - STRATEGIC ROUTE NETWORK
- CONSTRUCTION TRAFFIC ROUTES - PRIMARY ROUTE NETWORK
- CONSTRUCTION TRAFFIC ROUTES - MINOR / LOCAL ROAD
- HIGHWAY REALIGNMENT / DIVERSION - MINOR / LOCAL ROAD
- ONSITE CONSTRUCTION TRAFFIC ROUTES (HAUL ROADS)
- MAIN / SATELLITE CONSTRUCTION COMPOUNDS



Where no construction flow is shown, route is either lightly used (less than 10 HGV movements per day) or is for upgrade or utilities works only.



HS2 Phase 2A

Construction Traffic Routes

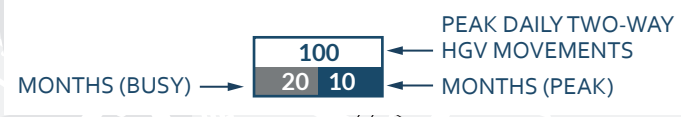
Peak and Busy Months - CA3

05/01/2018 v5

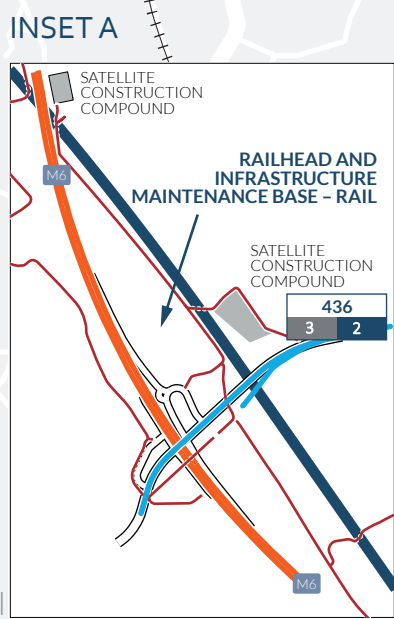
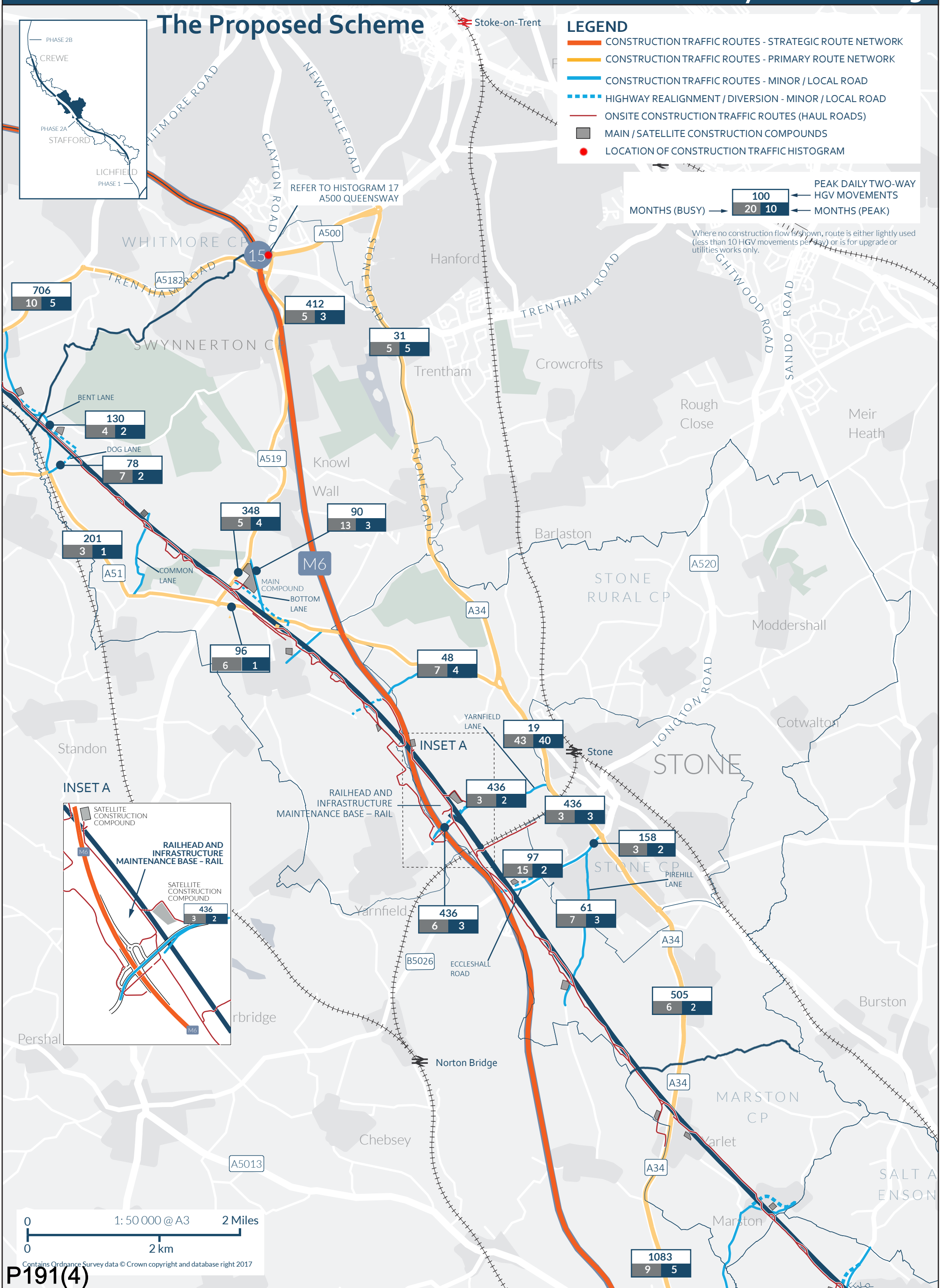
The Proposed Scheme



- LEGEND**
- CONSTRUCTION TRAFFIC ROUTES - STRATEGIC ROUTE NETWORK
 - CONSTRUCTION TRAFFIC ROUTES - PRIMARY ROUTE NETWORK
 - CONSTRUCTION TRAFFIC ROUTES - MINOR / LOCAL ROAD
 - HIGHWAY REALIGNMENT / DIVERSION - MINOR / LOCAL ROAD
 - ONSITE CONSTRUCTION TRAFFIC ROUTES (HAUL ROADS)
 - MAIN / SATELLITE CONSTRUCTION COMPOUNDS
 - LOCATION OF CONSTRUCTION TRAFFIC HISTOGRAM



Where no construction flow is shown, route is either lightly used (less than 10 HGV movements per day) or is for upgrade or utilities works only.



P191(4)

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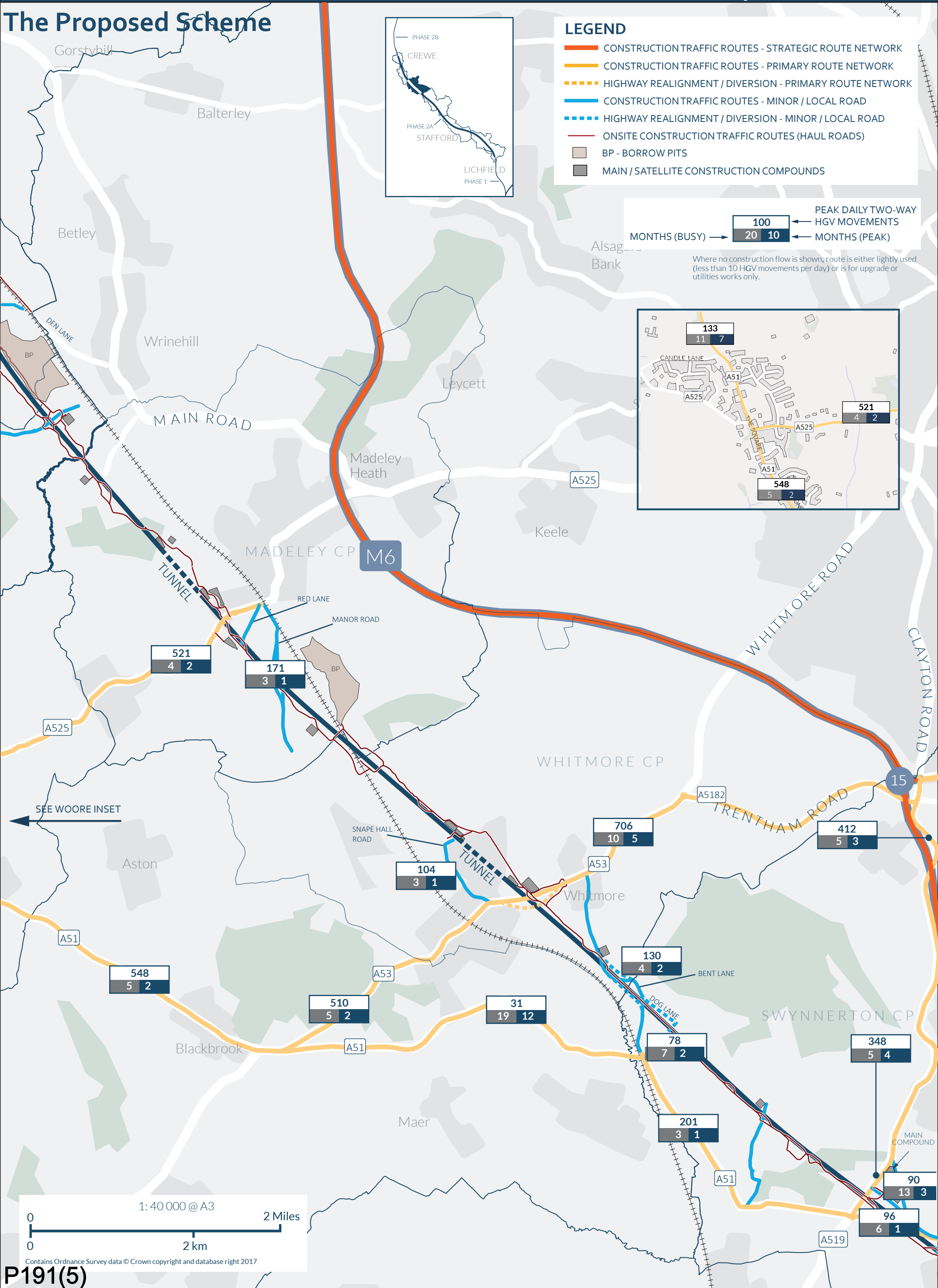
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HS2 Phase 2A Construction Traffic Routes

Peak and Busy Months - CA4

05/01/2018 v5

The Proposed Scheme

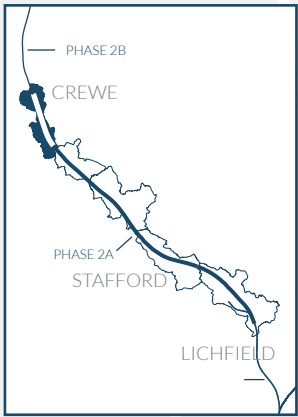


HS2 Phase 2A

Construction Traffic Routes

Peak and Busy Months - CA5

05/010/2018 v7



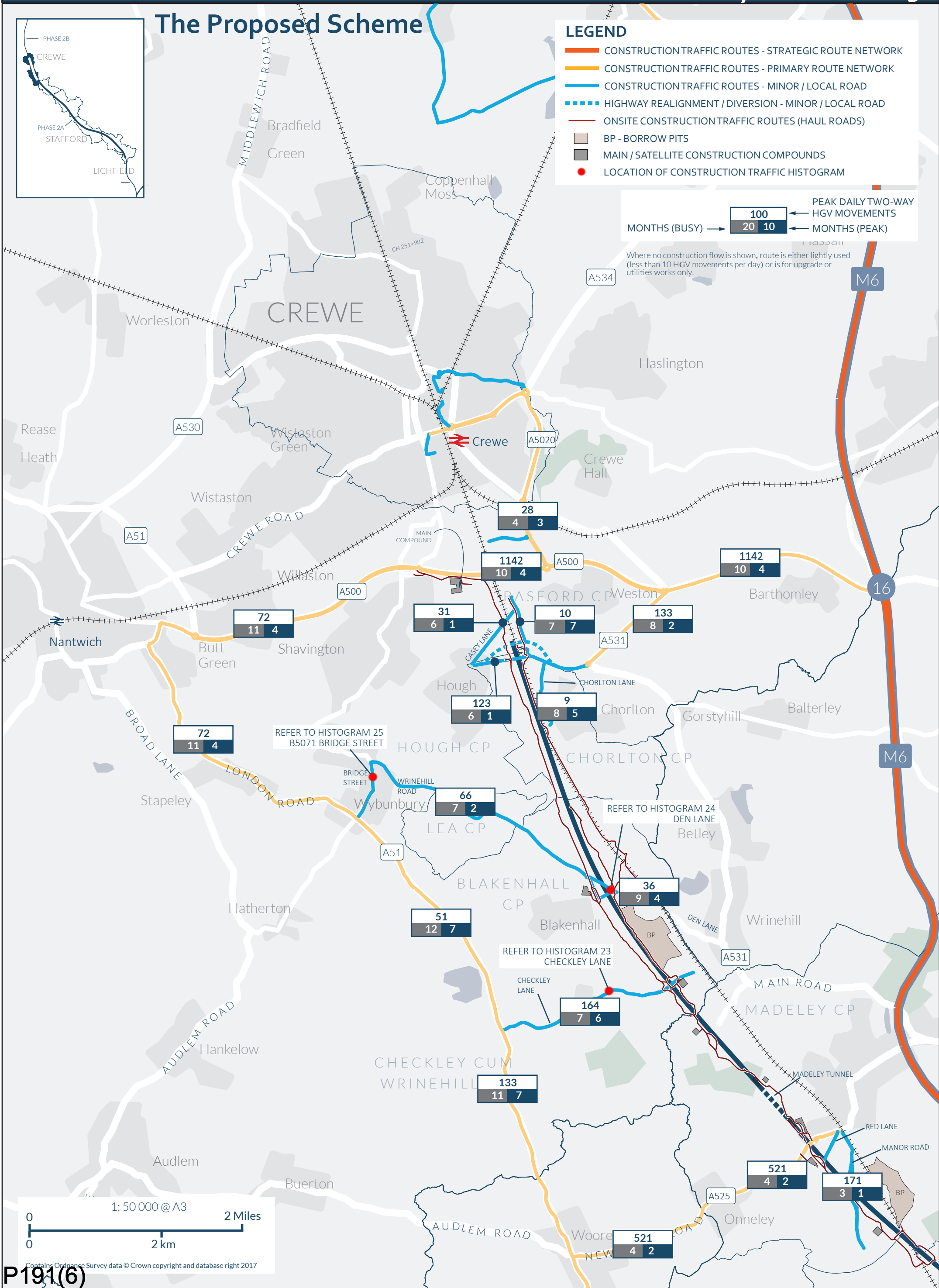
The Proposed Scheme

LEGEND

- CONSTRUCTION TRAFFIC ROUTES - STRATEGIC ROUTE NETWORK
- CONSTRUCTION TRAFFIC ROUTES - PRIMARY ROUTE NETWORK
- CONSTRUCTION TRAFFIC ROUTES - MINOR / LOCAL ROAD
- HIGHWAY REALIGNMENT / DIVERSION - MINOR / LOCAL ROAD
- ONSITE CONSTRUCTION TRAFFIC ROUTES (HAUL ROADS)
- BP - BORROW PITS
- MAIN / SATELLITE CONSTRUCTION COMPOUNDS
- LOCATION OF CONSTRUCTION TRAFFIC HISTOGRAM

PEAK DAILY TWO-WAY HGV MOVEMENTS
MONTHS (BUSY) → 100 20 10 ← MONTHS (PEAK)

Where no construction flow is shown, route is either lightly used (less than 10 HGV movements per day) or is for upgrade or utilities works only.



1: 50 000 @ A3
0 2 Miles
0 2 km

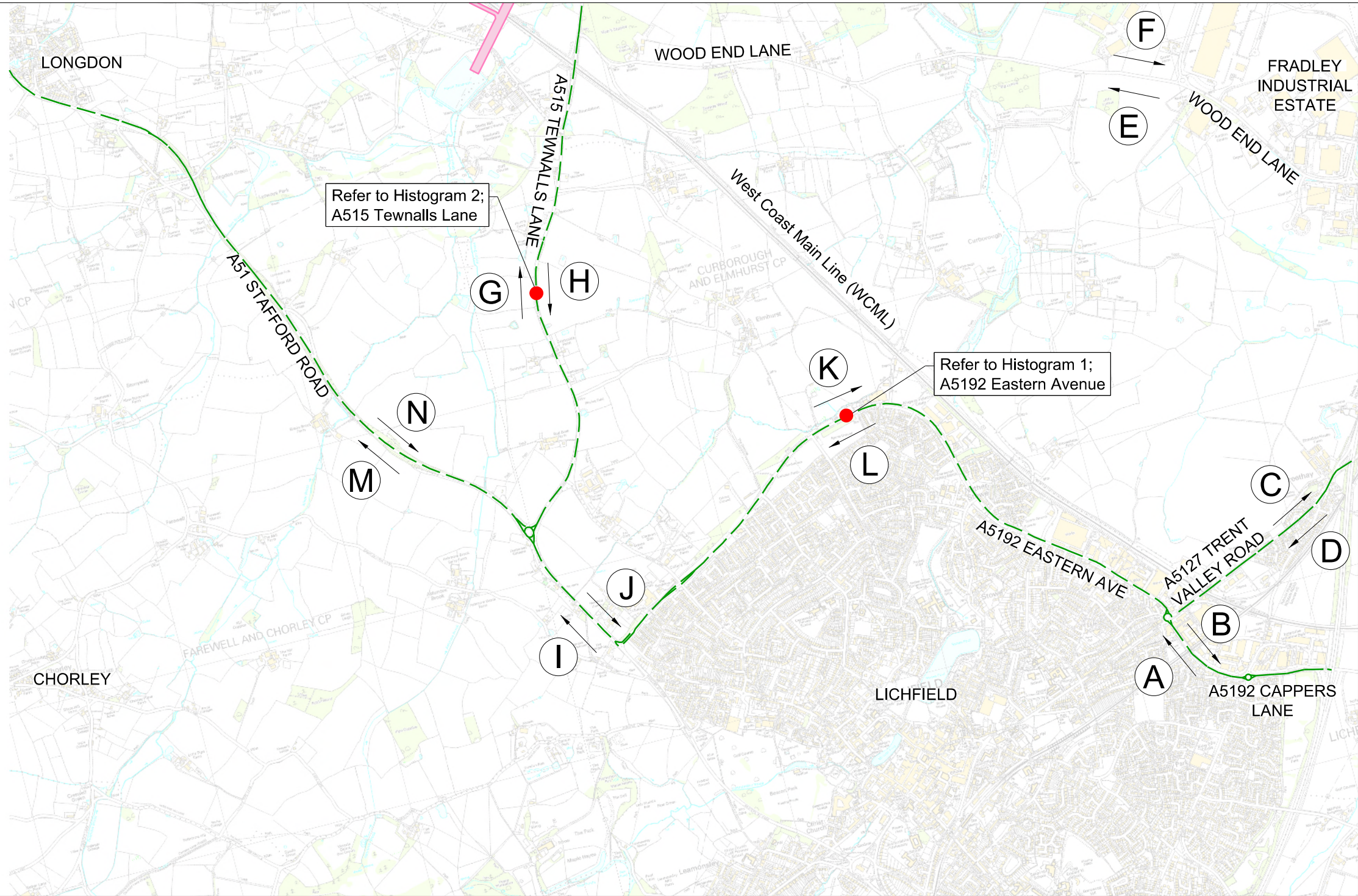
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P191(6)

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LICHFIELD
AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH
THE PROPOSED SCHEME



A5192 Cappers Lane (between Trent Valley Road and Austin Cote Lane) - Northbound							
A	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	8158	183	2%	92	68	1%	3%
A5192 Cappers Lane (between Trent Valley Road and Austin Cote Lane) - Southbound							
B	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	7822	206	3%	92	68	1%	3%
A5127 Trent Valley Road (between Eastern Avenue and Rykneld Street) - Eastbound							
C	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	5771	79	1%	290	267	5%	6%
A5127 Trent Valley Road (between Eastern Avenue and Rykneld Street) - Westbound							
D	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	6995	142	2%	290	267	4%	6%
Wood End Lane (between Gorse Lane and Netherstowe Lane) - Northbound							
E	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2540	161	6%	31	0	1%	6%
Wood End Lane (between Gorse Lane and Netherstowe Lane) - Southbound							
F	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2204	134	6%	31	0	1%	6%
A515 Tewnalls Lane (between Stafford Road and HS2 Route) - Northbound							
G	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	4311	254	6%	959	839	22%	21%
A515 Tewnalls Lane (between Stafford Road and HS2 Route) - Southbound							
H	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3667	229	6%	959	839	26%	23%
A51 Stafford Road (between Eastern Avenue and Featherbed Lane) - Northbound							
I	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	9240	189	2%	430	301	5%	5%
A51 Stafford Road (between Eastern Avenue and Featherbed Lane) - Southbound							
J	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	10007	311	3%	430	301	4%	6%
A5192 Eastern Avenue (between Netherstone Lane and Grange Lane) - Eastbound							
K	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	6798	212	3%	356	301	5%	7%
A5192 Eastern Avenue (between Netherstone Lane and Grange Lane) - Westbound							
L	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	6894	124	2%	356	301	5%	6%
A51 Stafford Road (between A515 Featherbed Lane and Lysways Lane) - Northbound							
M	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	8747	333	4%	690	689	8%	11%
A51 Stafford Road (between A515 Featherbed Lane and Lysways Lane) - Southbound							
N	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	7869	304	4%	690	689	9%	12%

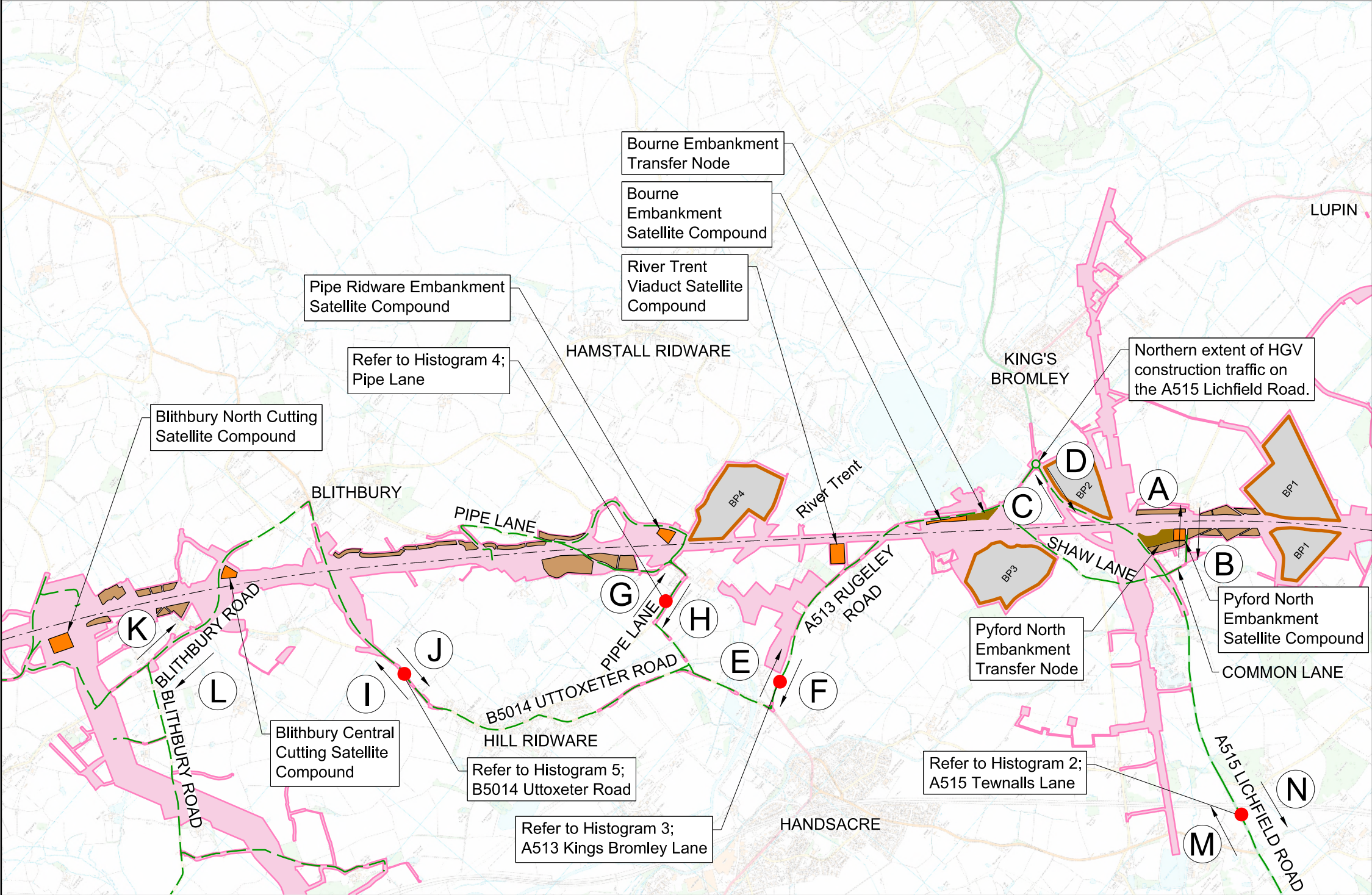
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					Scale with caution as distortion can occur.		Lichfield	DAS	PK	AG		
							Daily Weekday Traffic Flows	Date	Scale	Size		
								12/03/18	NTS	A3		
							Construction Phase - Peak Monthly Average Daily HGV Traffic	Drawing No.		Rev.		
								C861-ARP-TM-DSK-000-100401		P02		
							Creator/Originator	Ove Arup & Partners International Ltd				




KINGS BROMLEY AND HILL RIDWARE

AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH

THE PROPOSED SCHEME



Common Lane (between Lichfield Road and HS2 Route) - Eastbound							
A	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	27	4	14%	10	10	37%	37%
Common Lane (between Lichfield Road and HS2 Route) - Westbound							
B	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	38	2	6%	10	10	26%	26%
A515 Lichfield Road (between Common Lane and HS2 Route) - Northbound							
C	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2458	229	9%	418	318	17%	19%
A515 Lichfield Road (between Common Lane and HS2 Route) - Southbound							
D	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2794	166	6%	418	318	15%	15%
A513 Kings Bromley Lane (between HS2 Route and Uttoxeter Road) - Eastbound							
E	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3216	108	3%	277	122	9%	7%
A513 Kings Bromley Lane (between HS2 Route and Uttoxeter Road) - Westbound							
F	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3454	122	4%	277	122	8%	7%
Pipe Lane - Northbound							
G	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	227	15	7%	126	51	56%	19%
Pipe Lane - Southbound							
H	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	274	11	4%	126	51	46%	15%
B5014 Rake End Lane (between School Lane and Stoneyford Lane) - Northbound							
I	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	1121	52	5%	151	96	13%	12%
B5014 Rake End Lane (between School Lane and Stoneyford Lane) - Southbound							
J	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	1132	51	4%	151	96	13%	11%
Blithbury Road (between Stoneyford Lane and Blithbury Road) - Eastbound							
K	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	1085	27	3%	229	44	21%	5%
Blithbury Road (between Stoneyford Lane and Blithbury Road) - Westbound							
L	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	925	28	3%	229	44	25%	6%
A515 Tewnalls Lane (between Stafford Road and Wood End Lane) - Northbound							
M	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2829	133	5%	959	839	34%	26%
A515 Tewnalls Lane (between Stafford Road and Wood End Lane) - Southbound							
N	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3089	139	4%	959	839	31%	24%

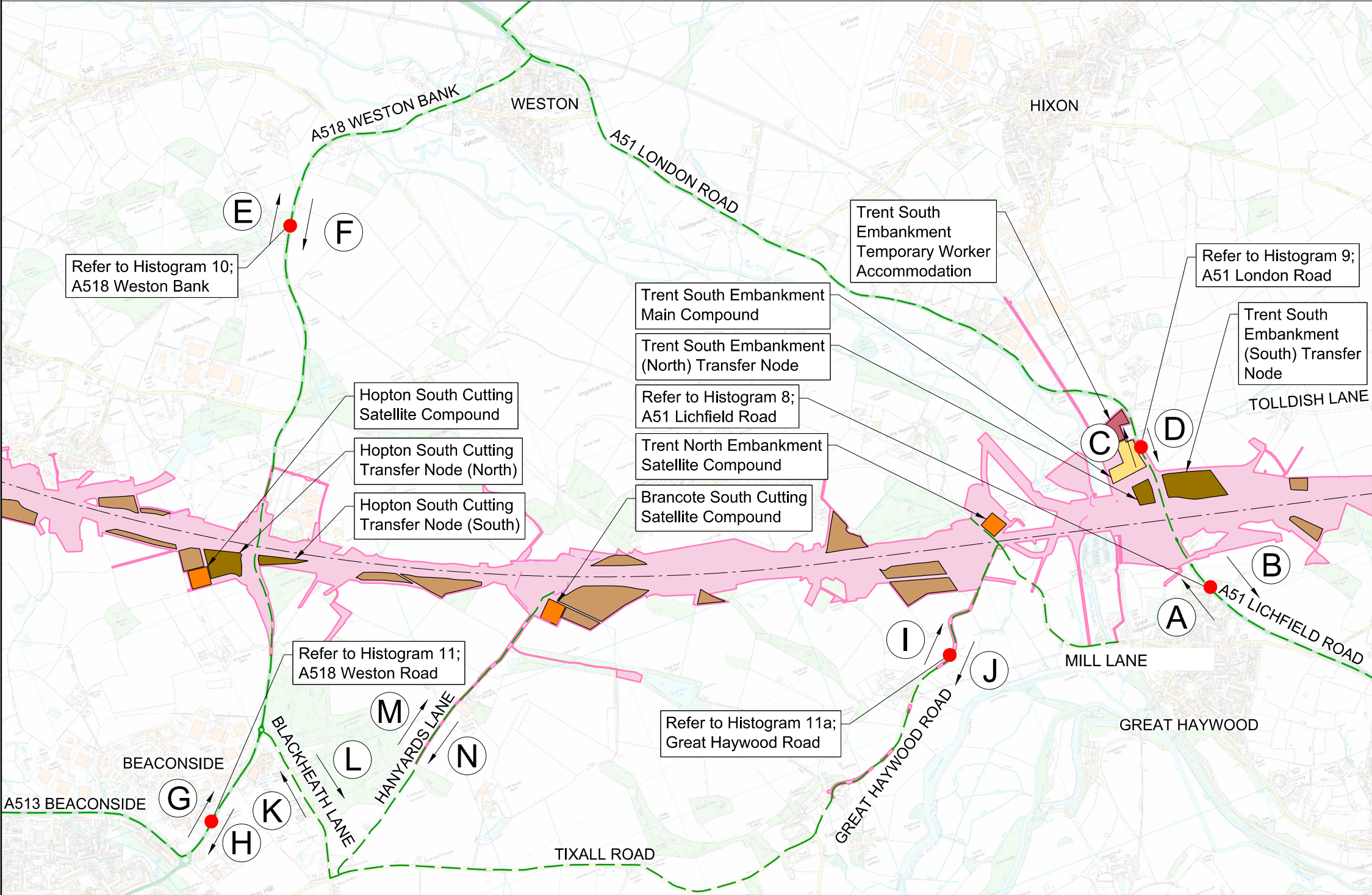
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										Daily Weekday Traffic Flows	DAS	PK	AG
										Date	Scale	Size	
								Ove Arup & Partners International Ltd	Average Daily HGV Traffic	12/03/18	NTS	A3	
									Construction Phase - Peak Monthly	Drawing No.	Rev.		
										C861-ARP-TM-DSK-000-100301	P02		



GREAT HAYWOOD AND TIXALL

AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH

THE PROPOSED SCHEME



A51 Lichfield Road (between Little Tixall Lane and Toldish Lane) - Northbound						
A	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6330	363	6%	856	678	14%
A51 Lichfield Road (between Little Tixall Lane and Toldish Lane) - Southbound						
B	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6984	444	6%	856	678	12%
A51 Lichfield Road (between Hoo Mill Lane and HS2 Route) - Northbound						
C	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6457	365	6%	856	630	13%
A51 Lichfield Road (between Hoo Mill Lane and HS2 Route) - Southbound						
D	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	7525	509	7%	856	630	11%
A518 Weston Bank (between Within Lane and Willowmore Banks) - Northbound						
E	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	5805	382	7%	693	625	12%
A518 Weston Bank (between Within Lane and Willowmore Banks) - Southbound						
F	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6357	323	5%	693	625	11%
A518 Weston Road (between Blackheath Lane and Hydrant Way) - Eastbound						
G	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	9734	197	2%	727	614	7%
A518 Weston Road (between Blackheath Lane and Hydrant Way) - Westbound						
H	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	10352	253	2%	727	614	7%
Great Haywood Road (between Ingestre Park Road and Holdiford Road) - Eastbound						
I	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	1722	27	2%	261	41	15%
Great Haywood Road (between Ingestre Park Road and Holdiford Road) - Westbound						
J	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	2118	25	1%	261	41	12%
Blackheath Lane (south of Weston Road) - Northbound						
K	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6604	34	1%	273	52	4%
Blackheath Lane (south of Weston Road) - Southbound						
L	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	5993	44	1%	273	52	5%
Hanyards Lane (between Tixall Road and HS2 Route) - Northbound						
M	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	56	1	2%	91	43	162%
Hanyards Lane (between Tixall Road and HS2 Route) - Southbound						
N	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	49	3	6%	91	43	184%

LEGEND

- Location of Construction Traffic Histogram
- - - Rail Alignment
- Land Potentially Required During Construction
- Construction Main Compound
- Construction Satellite Compound
- Transfer Node
- Borrow Pit
- Construction Traffic Route
- Highway Realignment or Closure
- Temporary Material Stockpile



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Registration No. 06791686
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Creator/Originator

Ove Arup & Partners International Ltd

Zone

CA2

Project/Contract

P2A Civils Design & Environmental Services

Design Stage

DESIGN FOR PETITIONS

Discipline/Function

Traffic and Transport

Drawing Title

Great Haywood and Tixall

Daily Weekday Traffic Flows

Drawn

DAS

Checked

PK

Approved

AG

Date

12/03/18

Scale

NTS

Size

A3

Construction Phase - Peak Monthly
Average Daily HGV Traffic

Drawing No.

C861-ARP-TM-DSK-000-100101

Rev.

P02

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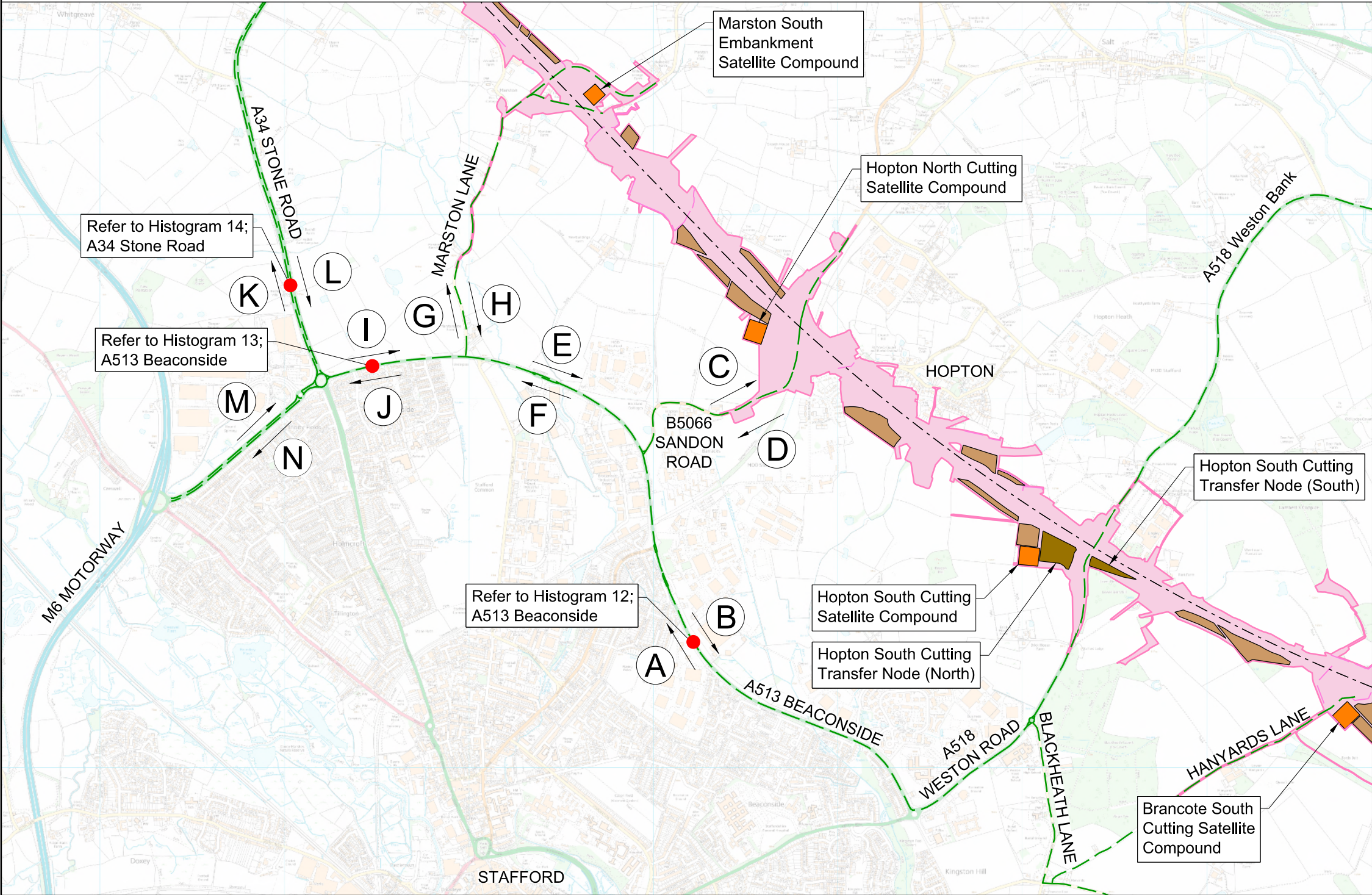
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STAFFORD
AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH
THE PROPOSED SCHEME

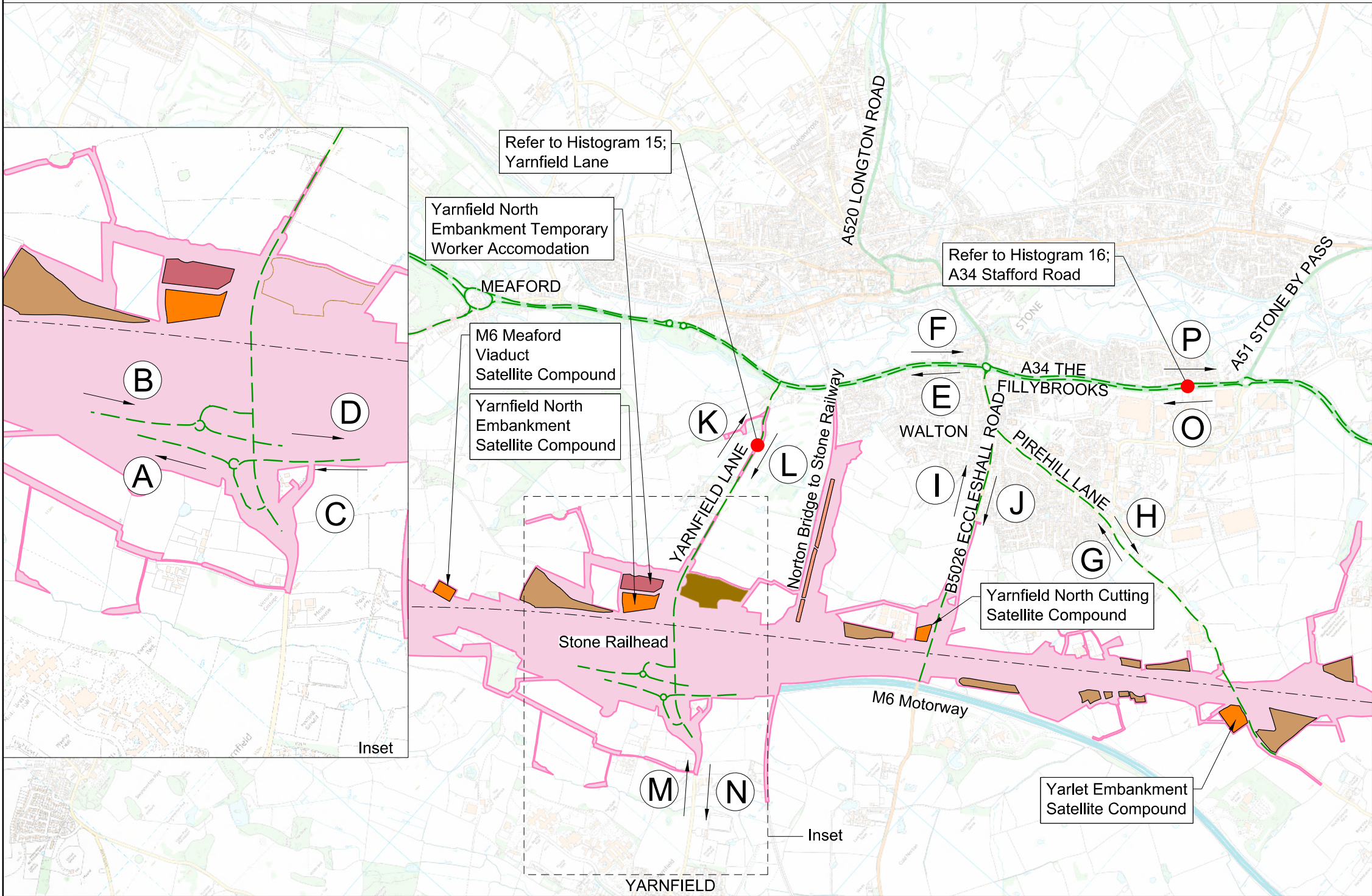


A	A513 Beaconside (between Dyson Way and Sandon Road) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
B	A513 Beaconside (between Dyson Way and Sandon Road) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
C	B5066 Sandon Road (between Beaconside and Hopton Lane) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
D	B5066 Sandon Road (between Beaconside and Hopton Lane) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
E	A513 Beaconside (between Sandon Road and Marston Lane) - Eastbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
F	A513 Beaconside (between Sandon Road and Marston Lane) - Westbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
G	Marston Lane (between Yarlet Lane and Beaconside) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
H	Marston Lane (between Yarlet Lane and Beaconside) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
I	A513 Beaconside (between Marston Lane and Redhill Roundabout) - Eastbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
J	A513 Beaconside (between Marston Lane and Redhill Roundabout) - Westbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
K	A34 Stone Road (between Redhill Roundabout and Whitgreave Lane) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
L	A34 Stone Road (between Redhill Roundabout and Whitgreave Lane) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
M	A34 From M6 Roundabout at Creswell - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
N	A34 From M6 Roundabout at Creswell - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV

						HS2 accepts no responsibility for any circumstances which arise from the reproduction of this document after alteration, amendment or abbreviation or if it is issued in part or issued incompletely in any way.	<div>LEGEND</div> <div><div></div>Location of Construction Traffic Histogram</div> <div><div>---</div>Rail Alignment</div> <div><div></div>Land Potentially Required During Construction</div> <div><div></div>Construction Main Compound</div> <div><div></div>Construction Satellite Compound</div> <div><div></div>Transfer Node</div> <div><div></div>Borrow Pit</div> <div><div></div>Construction Traffic Route</div> <div><div></div>Highway Realignment or Closure</div> <div><div></div>Temporary Material Stockpile</div> <div><div>hs2</div><div>Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</div></div> <div>Creator/Originator Ove Arup & Partners International Ltd</div>	Zone	CA2	Project/Contract P2A Civils Design & Environmental Services	
						© Crown Copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100049190		Design Stage DESIGN FOR PETITIONS	Discipline/Function Traffic and Transport		
						© Crown Copyright material is reproduced with the permission of Land Registry under delegated authority from the Controller of HMSO.		Drawing Title Stafford Daily Weekday Traffic Flows	Drawn DAS	Checked PK	Approved AG
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						Scale with caution as distortion can occur.		Construction Phase - Peak Monthly Average Daily HGV Traffic	Drawing No. C861-ARP-TM-DSK-000-100501	Rev. P02	



STONE / IMB-R
AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH
THE PROPOSED SCHEME



A	M6 on-slip - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	0	0	0%	218	218	N/A	100%
B	M6 off-slip - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	0	0	0%	218	218	N/A	100%
C	M6 off-slip - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	0	0	0%	218	218	N/A	100%
D	M6 on-slip - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	0	0	0%	218	218	N/A	100%
E	A34 The Fillybrooks (between Eccleshall Road and Yarnfield Lane) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	11353	696	6%	497	218	4%	8%
F	A34 The Fillybrooks (between Eccleshall Road and Yarnfield Lane) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	9289	627	7%	497	218	5%	9%
G	Pirehill Lane (between Coombe Park Road and HS2 Route) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	70	1	1%	141	30	203%	15%
H	Pirehill Lane (between Coombe Park Road and HS2 Route) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	49	1	2%	141	30	289%	17%
I	B5026 Eccleshall Road (between Pirehill Lane and HS2 Route) - Eastbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2554	125	5%	208	48	8%	6%
J	B5026 Eccleshall Road (between Pirehill Lane and HS2 Route) - Westbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2136	178	8%	208	48	10%	10%
K	Yarnfield Lane (between A34 The Fillybrooks and HS2 Route) - Eastbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2047	60	3%	566	218	28%	11%
L	Yarnfield Lane (between A34 The Fillybrooks and HS2 Route) - Westbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2285	64	3%	566	218	25%	10%
M	Yarnfield Lane (between Moss Lane and HS2 Route) - Eastbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	1922	225	12%	3	0	0%	12%
N	Yarnfield Lane (between Moss Lane and HS2 Route) - Westbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2246	22	1%	3	0	0%	1%
O	A34 Stafford Road (between A51 Stone Bypass and Eccleshall Road) - Northbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	14581	918	6%	415	253	3%	8%
P	A34 Stafford Road (between A51 Stone Bypass and Eccleshall Road) - Southbound						
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	16301	918	6%	415	253	3%	7%

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LEGEND	
●	Location of Construction Traffic Histogram
---	Rail Alignment
■	Land Potentially Required During Construction
■	Construction Main Compound
■	Construction Satellite Compound
■	Transfer Node
■	Borrow Pit
■	Construction Traffic Route
■	Highway Realignment or Closure
■	Temporary Material Stockpile

 Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA	Zone
	CA3
Creator/Originator Ove Arup & Partners International Ltd	Design Stage
	DESIGN FOR PETITIONS
Construction Phase - Peak Monthly Average Daily HGV Traffic	Drawing Title
	Stone/IMB-R Daily Weekday Traffic Flows

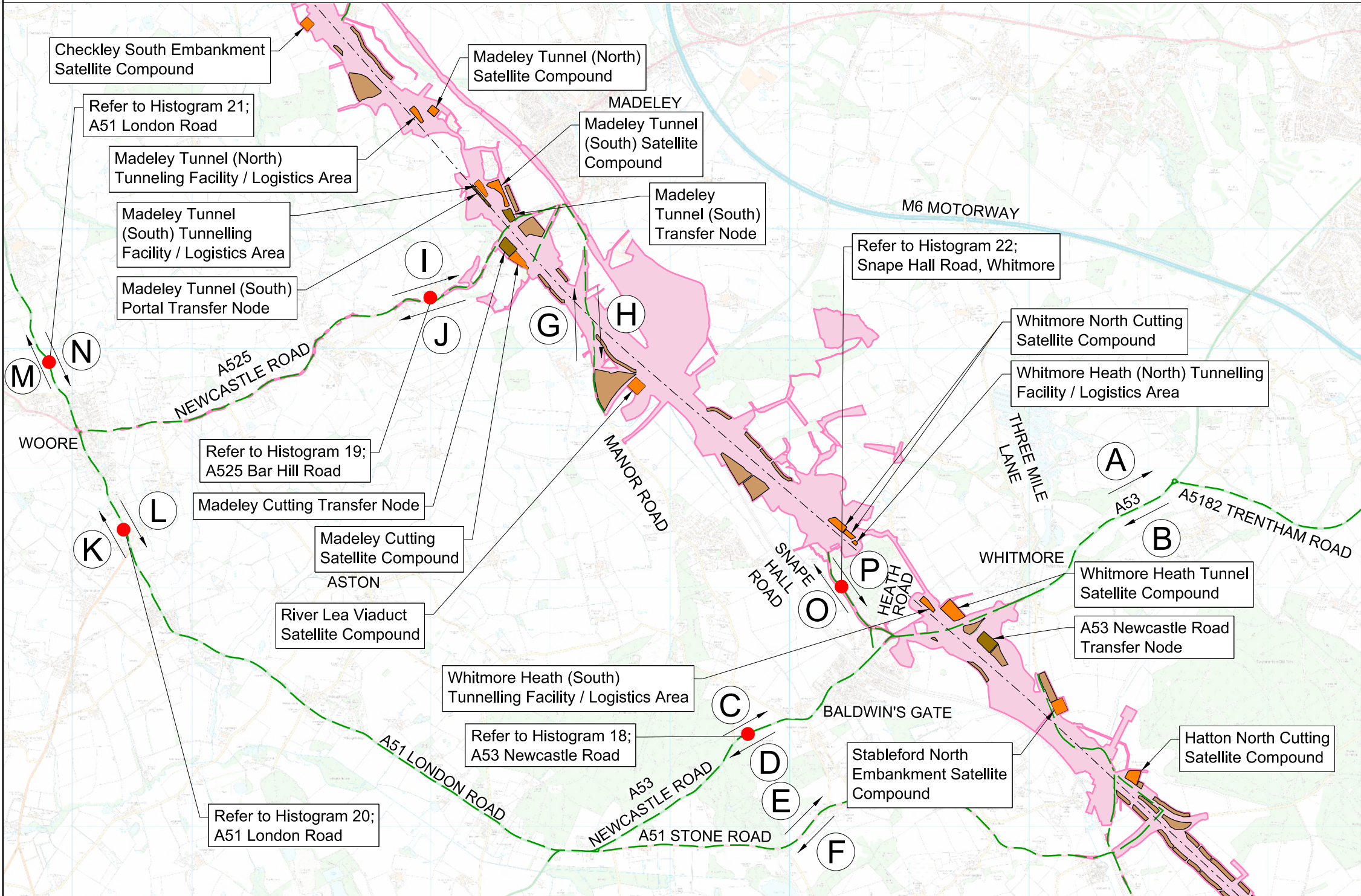
Project/Contract	
P2A Civils Design & Environmental Services	
Discipline/Function	
Traffic and Transport	
Drawn	Checked
DAS	PK
Approved	AG
Date	Scale
12/03/18	NTS
Size	A3
Drawing No.	Rev.
C861-ARP-TM-DSK-000-100207	P02




WHITMORE, WOORE, MADELEY

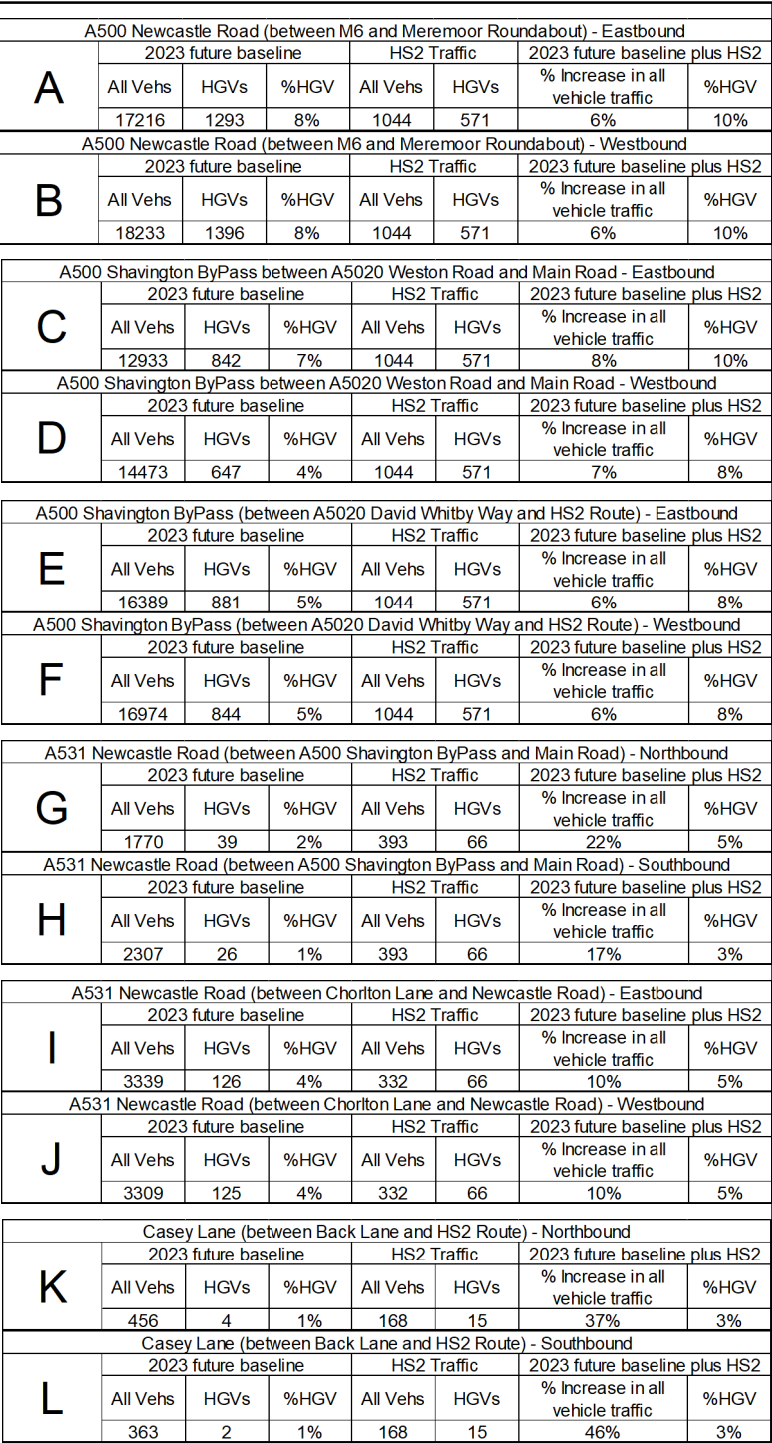
AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH

THE PROPOSED SCHEME

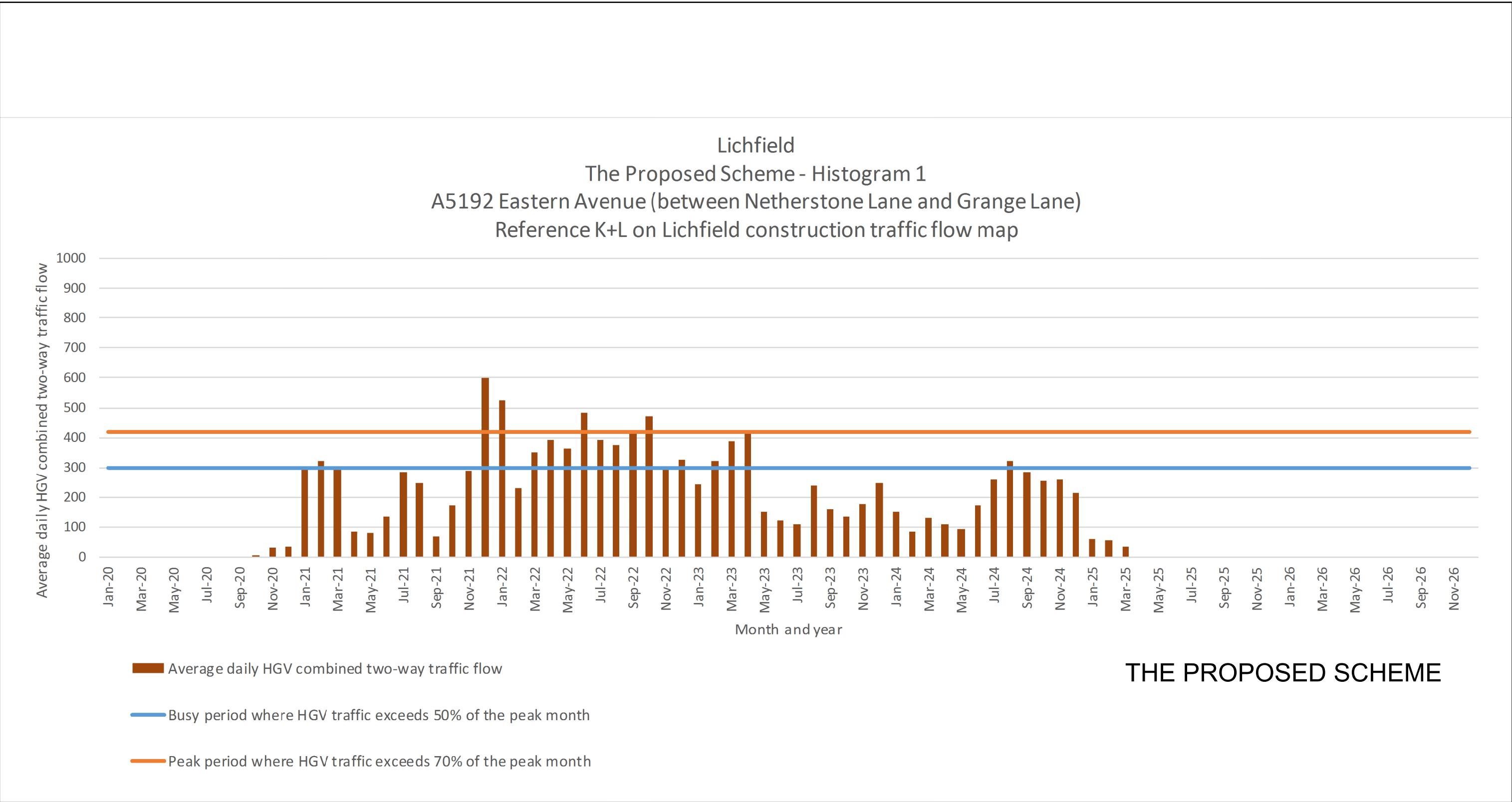


A53 - Eastbound						
A	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	7252	390	5%	638	353	9%
A53 - Westbound						
B	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	6782	425	6%	638	353	10%
A53 Newcastle Road (between Madeley Road and Holly Bush Lane) - Eastbound						
C	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	4088	318	8%	309	254	13%
A53 Newcastle Road (between Madeley Road and Holly Bush Lane) - Westbound						
D	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	5817	475	8%	309	254	12%
A51 Stone Road (east of A53) - Eastbound						
E	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	1488	48	3%	50	16	4%
A51 Stone Road (east of A53) - Westbound						
F	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	2294	82	4%	50	16	4%
Manor Road (between Bar Hill and HS2 Route) - Northbound						
G	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	586	16	3%	190	85	13%
Manor Road (between Bar Hill and HS2 Route) - Southbound						
H	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	590	21	4%	190	85	14%
A525 Bar Hill Road (between Gravenhunger Moss and HS2 Route) - Eastbound						
I	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	2201	70	3%	297	261	13%
A525 Bar Hill Road (between Gravenhunger Moss and HS2 Route) - Westbound						
J	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	2144	92	4%	297	261	14%
A51 London Road (between Gravenhunger Lane and Newcastle Road) - Northbound						
K	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	3693	148	4%	350	274	10%
A51 London Road (between Gravenhunger Lane and Newcastle Road) - Southbound						
L	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	3384	45	1%	350	274	9%
A51 London Road (between Newcastle Road and Yew Tree Lane) - Northbound						
M	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	3020	52	2%	97	66	4%
A51 London Road (between Newcastle Road and Yew Tree Lane) - Southbound						
N	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	2817	93	3%	97	66	5%
Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane) - Northbound						
O	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	13	1	5%	135	52	36%
Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane) - Southbound						
P	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic
	13	0	0%	135	52	35%

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									CA3 & CA4	P2A Civils Design & Environmental Services	
									Design Stage	Discipline/Function	
									DESIGN FOR PETITIONS	Traffic and Transport	
									Drawing Title	Drawn	Checked
									Whitmore, Woore, Madeley	DAS	PK
									Daily Weekday Traffic Flows	Date	Scale
										12/03/18	NTS
											Size
											A3
									Construction Phase - Peak Monthly	Drawing No.	
									Average Daily HGV Traffic	C861-ARP-TM-DSK-000-100601	
										Rev.	P02
									Creator/Originator	Ove Arup & Partners International Ltd	



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THE PROPOSED SCHEME

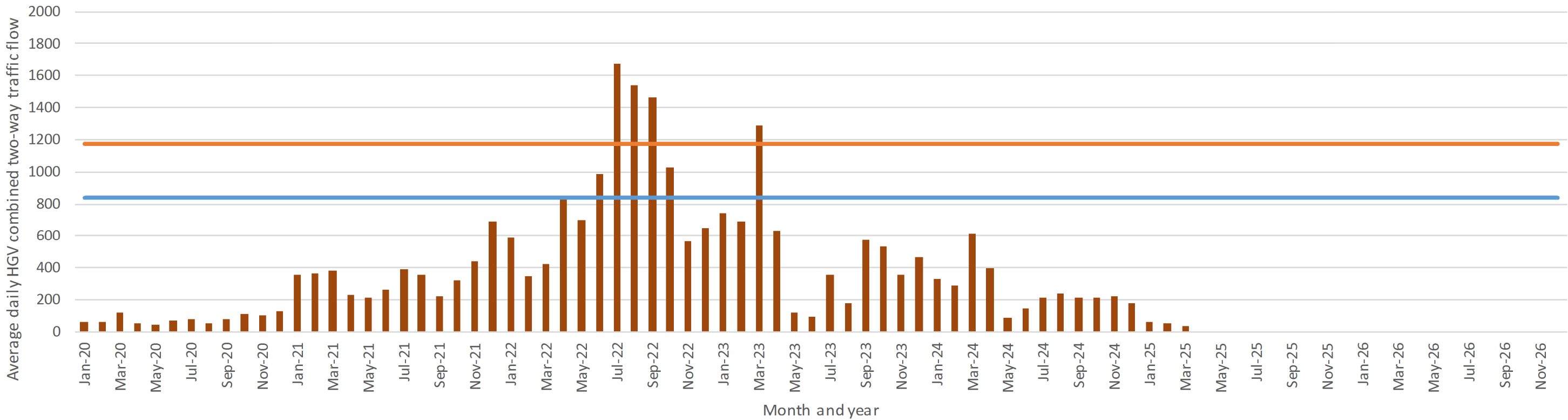
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									Creator/Originator	Ove Arup & Partners International Ltd		Drawing No.		Rev.
										C861-ARP-TM-DSK-000-101011		P00.1		

Lichfield

The Proposed Scheme - Histogram 2

A515 Tewnalls Lane (between A51 Stafford Road and HS2 Route)

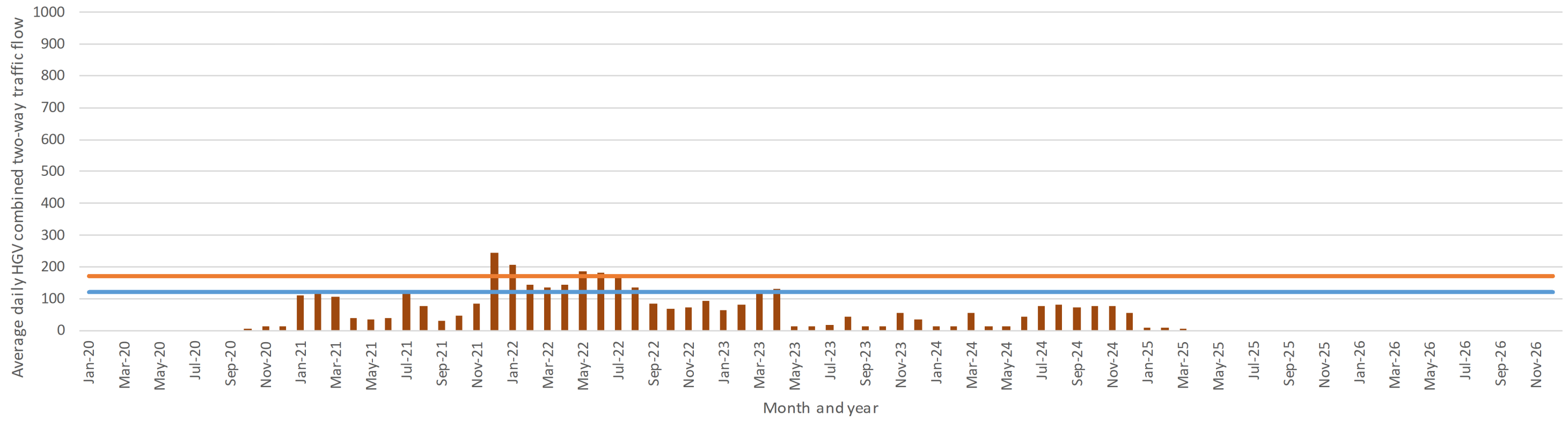
Reference G+H on Lichfield construction traffic flow map



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										Drawing No. 2PT01-ARP-TM-DSK-000-101002				Rev. P00.1	
Rev.	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.									

King's Bromley
The Proposed Scheme - Histogram 3
A513 Kings Bromley Lane (between HS2 Route and B5014 Uttoxeter Road)
Reference E+F on King's Bromley construction traffic flow map

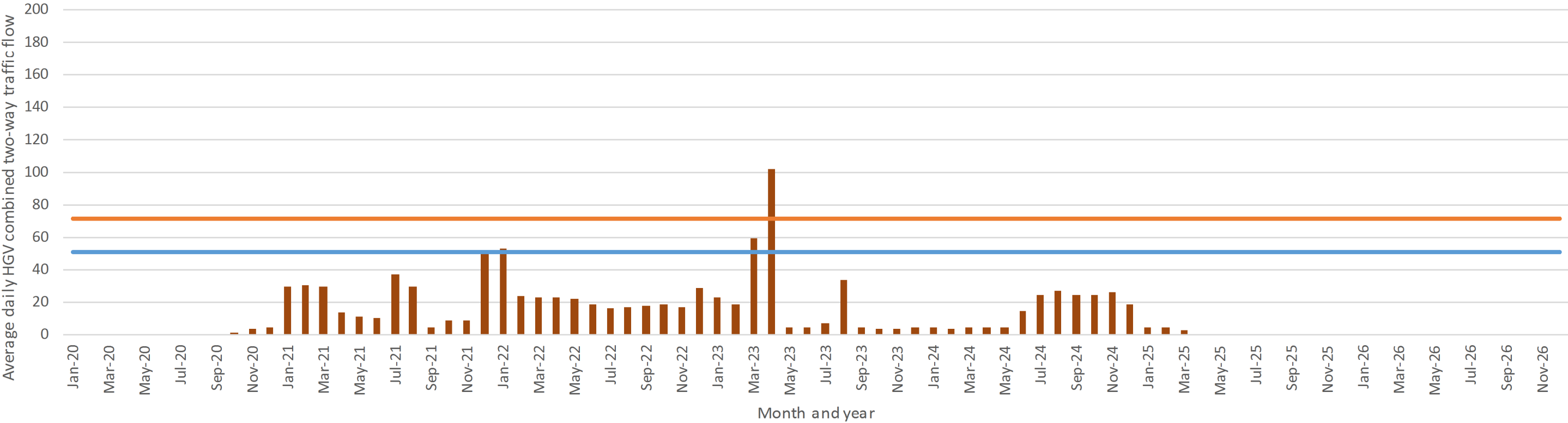


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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										Date 09/03/2018	Scale As Shown	Size A3			
										Drawing No. C861-ARP-TM-DSK-000-101012		Rev. P00.1			
Rev.	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.									

King's Bromley
The Proposed Scheme - Histogram 4
Pipe Lane (north of Common Lane)
Reference G+H on King's Bromley construction traffic flow map

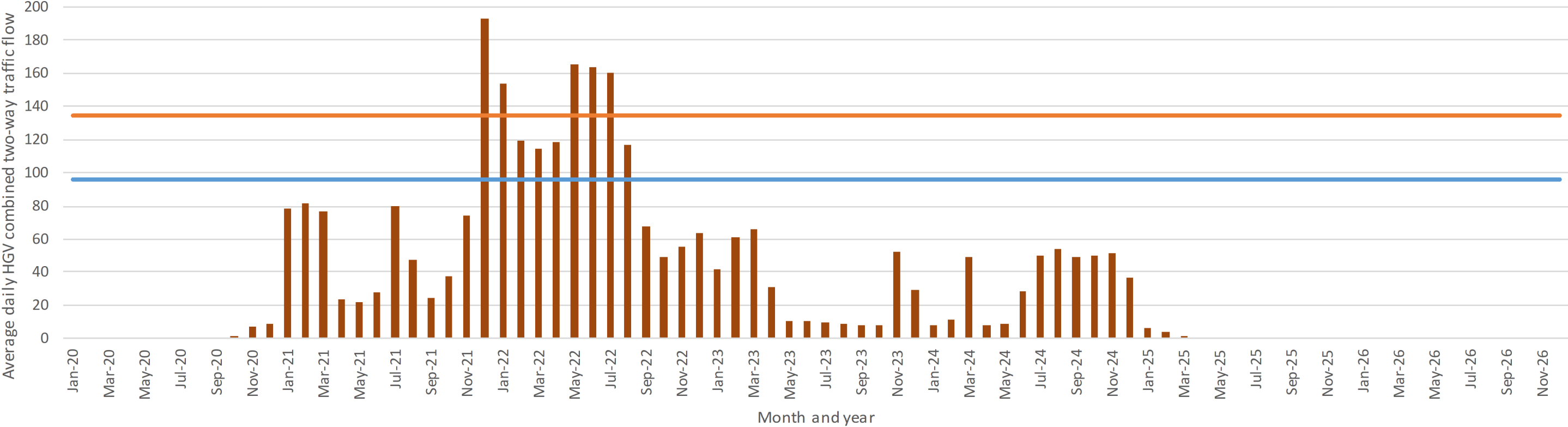


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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												09/03/2018	As Shown	A3
								Creator/Originator	Ove Arup & Partners International Ltd		Drawing No.		Rev.	
											APT01-ARP-TM-DSK-000-101017		P00.1	

King's Bromley
The Proposed Scheme - Histogram 5
B5014 Uttoxeter Road (between School Lane and Stoneyford Lane)
Reference I+J on King's Bromley construction traffic flow map



- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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								Size	A3			Rev.	P00.1	
							Creator/Originator	Ove Arup & Partners International Ltd			Drawing No.			
											2PT01-ARP-TM-DSK-000-101020			

Average daily HGV combined two-way traffic flow

Month and year	Average daily HGV combined two-way traffic flow
Jan-20	0
Mar-20	0
May-20	0
Jul-20	0
Sep-20	0
Nov-20	0
Jan-21	43
Mar-21	47
May-21	43
Jul-21	4
Sep-21	4
Nov-21	10
Jan-22	60
Mar-22	21
May-22	4
Jul-22	17
Sep-22	17
Nov-22	58
Jan-23	88
Mar-23	84
May-23	84
Jul-23	84
Sep-23	78
Nov-23	77
Jan-24	73
Mar-24	64
May-24	30
Jul-24	22
Sep-24	18
Nov-24	14
Jan-25	0
Mar-25	0
May-25	0
Jul-25	0
Sep-25	0
Nov-25	0
Jan-26	0
Mar-26	0
May-26	0
Jul-26	0
Sep-26	0
Nov-26	0

— Peak period where HGV traffic exceeds 70% of the peak month

P191(19)

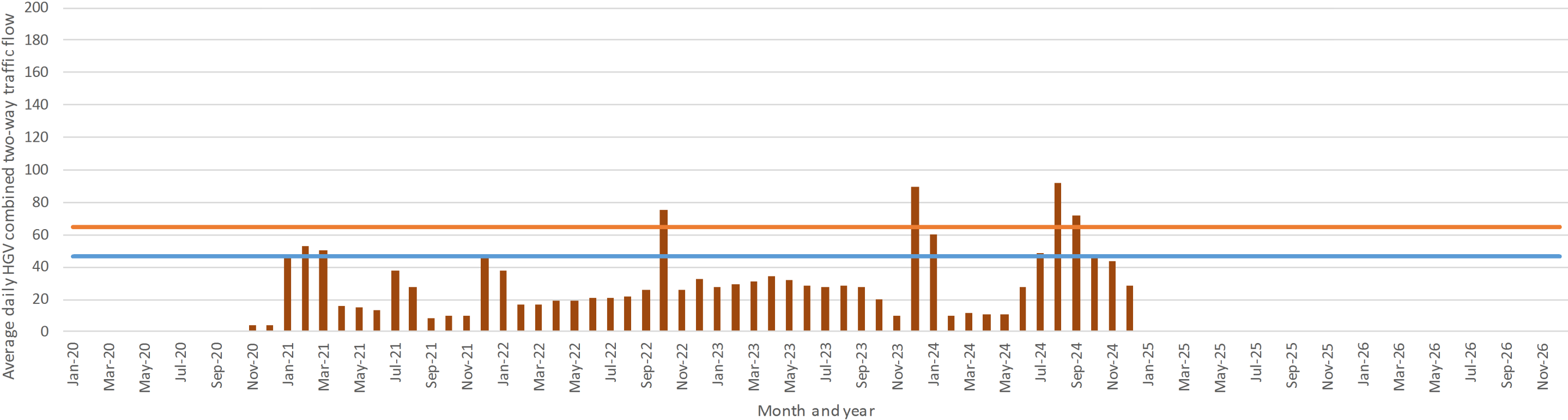
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Rev.	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.									

CA1

The Proposed Scheme - Histogram 7

B5013 Uttoxeter Road (between Moor Lane and Bellamour Lane)

Referenced on CA1 Proposed Scheme construction traffic route map

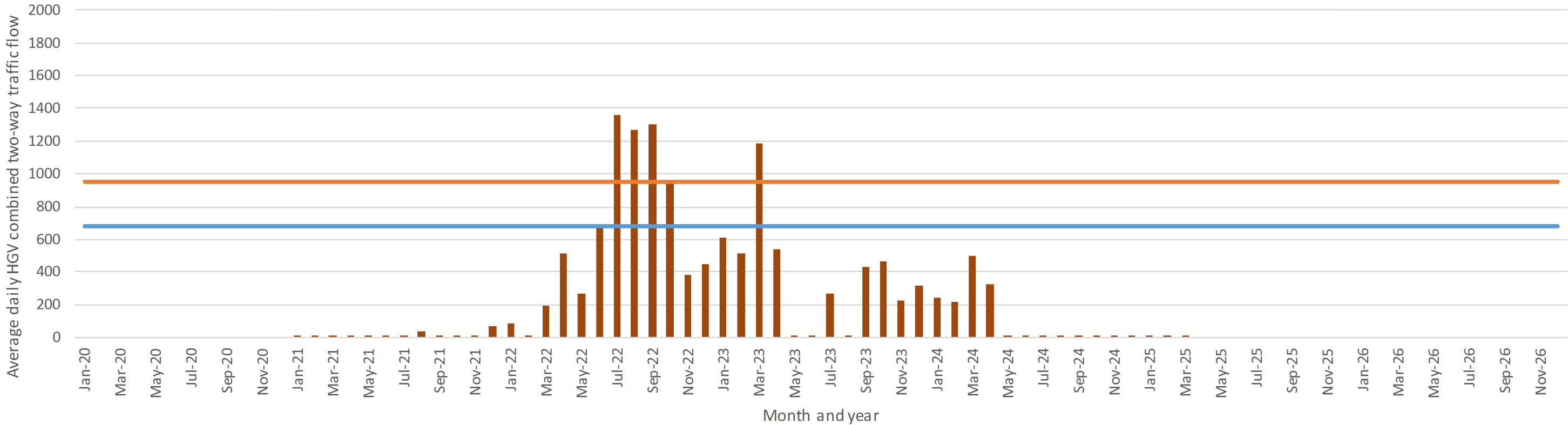


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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Great Haywood
The Proposed Scheme - Histogram 8
A51 Lichfield Road (between Little Tixall Lane and Tolldish Lane)
Reference A+B on Great Haywood construction traffic flow map

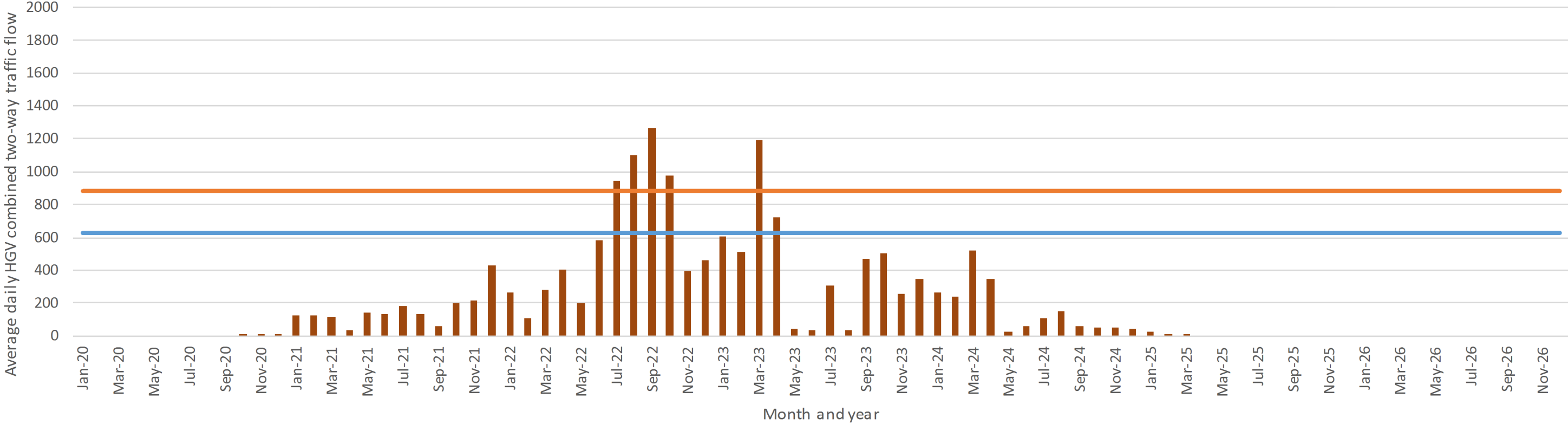


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

THE PROPOSED SCHEME

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										Date	Scale	Size			
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Rev.	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.									

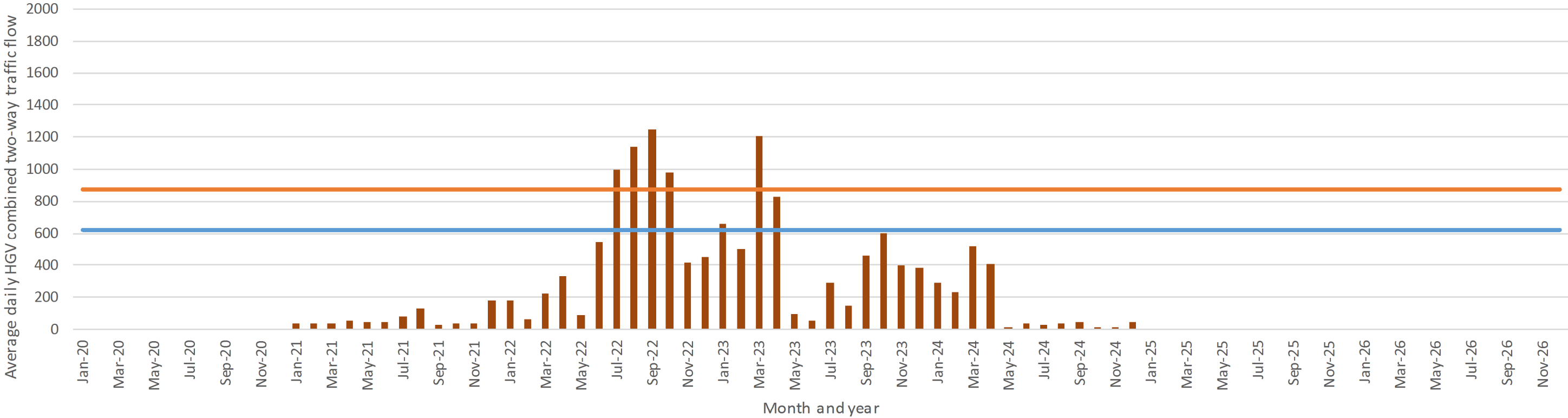
Great Haywood
The Proposed Scheme - Histogram 9
A51 London Road (between Hoo Mill Lane and HS2 Route)
Reference C+D on Great Haywood construction traffic flow map



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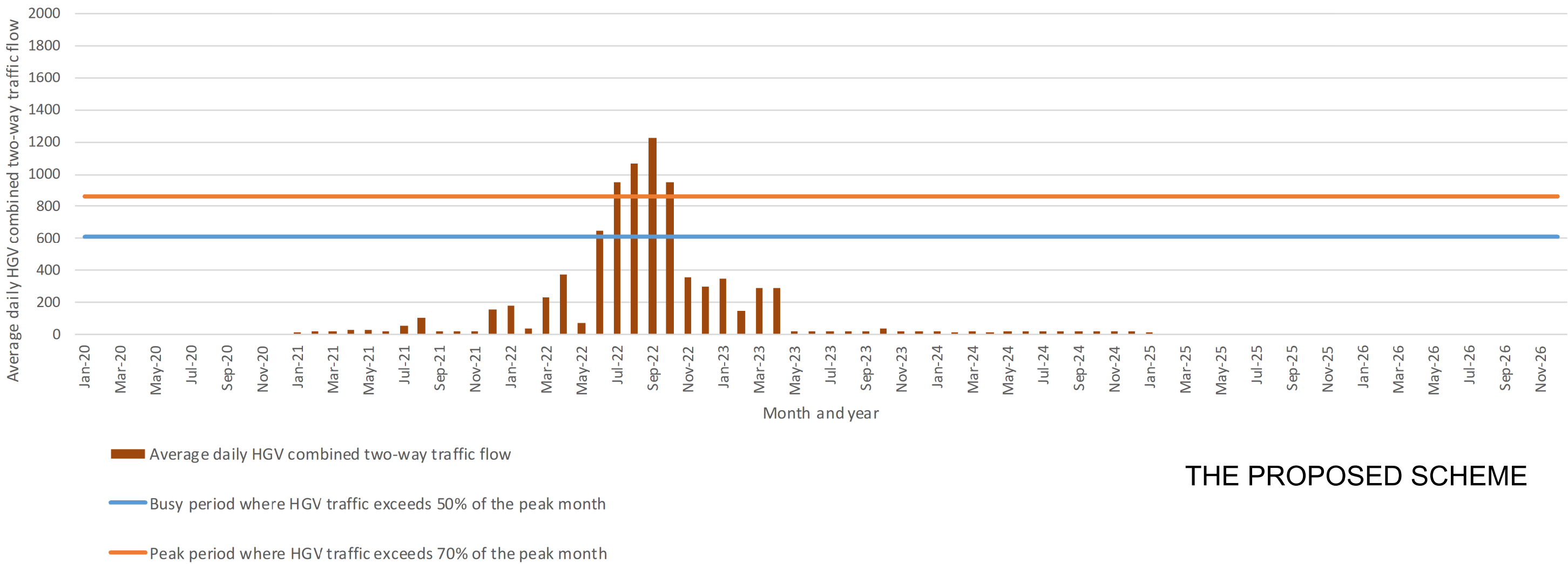
Great Haywood
The Proposed Scheme - Histogram 10
A518 Weston Bank between Within Lane and Weston Bank
Reference E+F on Great Haywood construction traffic flow map



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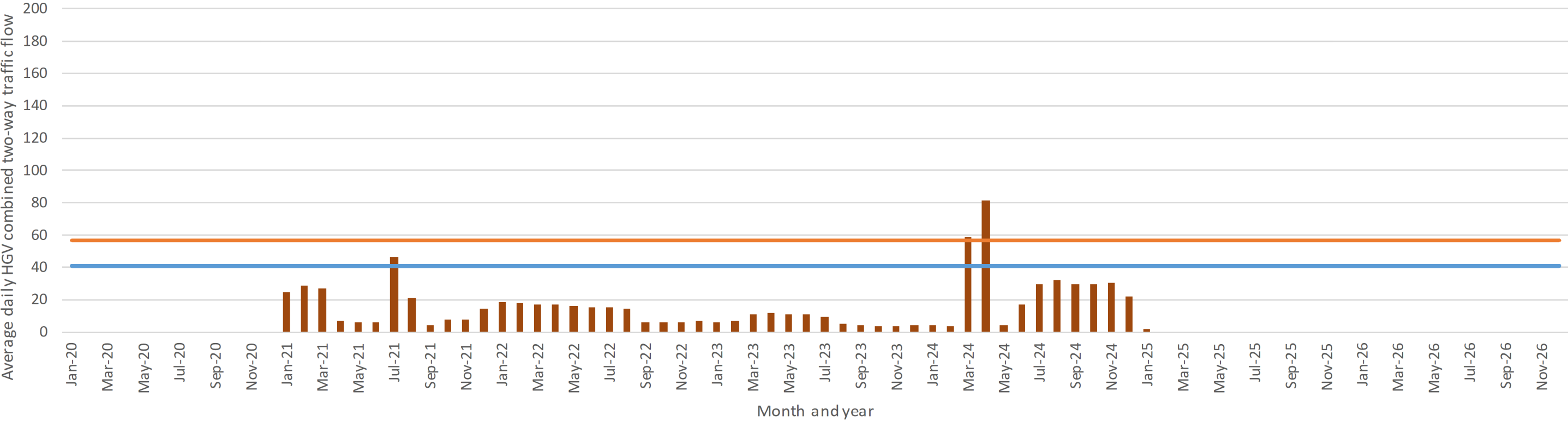
Great Haywood
The Proposed Scheme - Histogram 11
A518 Weston Road (between Blackheath Lane and Hydrant Way)
Reference G+H on Great Haywood construction traffic flow map



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P191(24)	Rev. 1	Approved	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.					

Great Haywood
The Proposed Scheme - Histogram 11A
Great Haywood Road (between Ingestre Park Road and Holdiford Road)
Reference I+J on Great Haywood construction traffic flow map

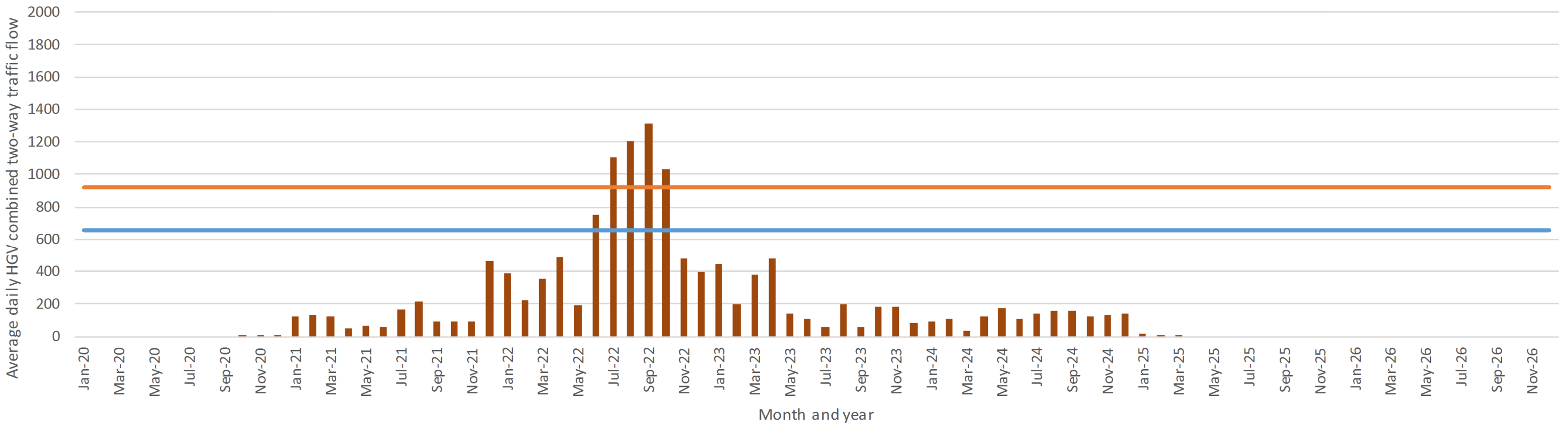


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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Stafford
The Proposed Scheme - Histogram 12
A513 Beaconside (between Dyson Way and Sandon Road)
Reference A+B on Stafford construction traffic flow map



■ Average daily HGV combined two-way traffic flow

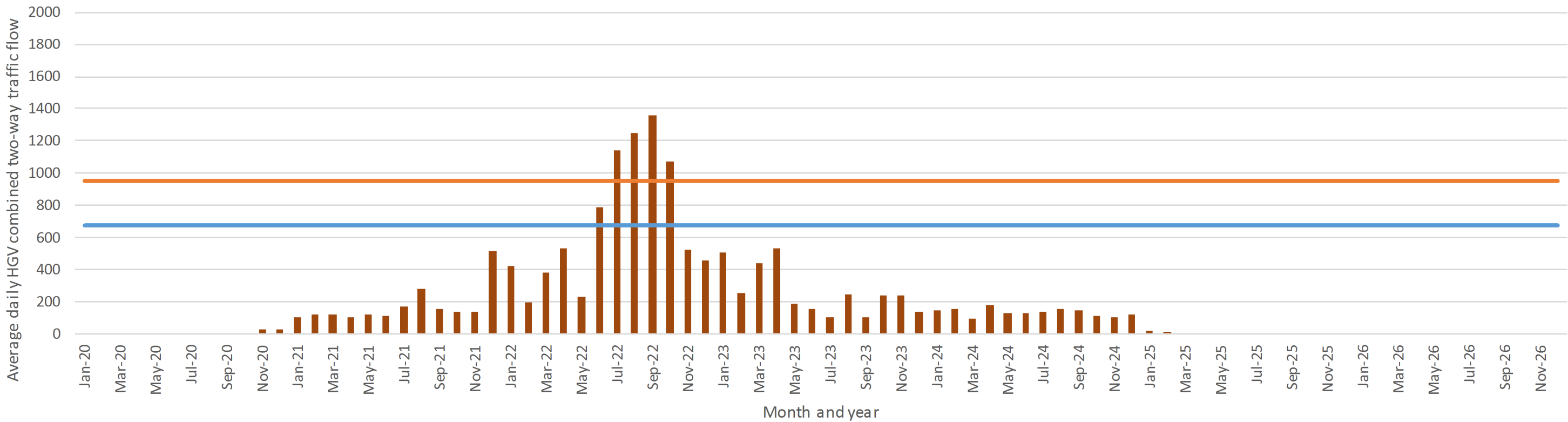
— Busy period where HGV traffic exceeds 50% of the peak month

— Peak period where HGV traffic exceeds 70% of the peak month

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											09/03/2018	As Shown	A3		
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							Ove Arup & Partners International Ltd		C861-ARP-TM-DSK-000-101023		P00.1				

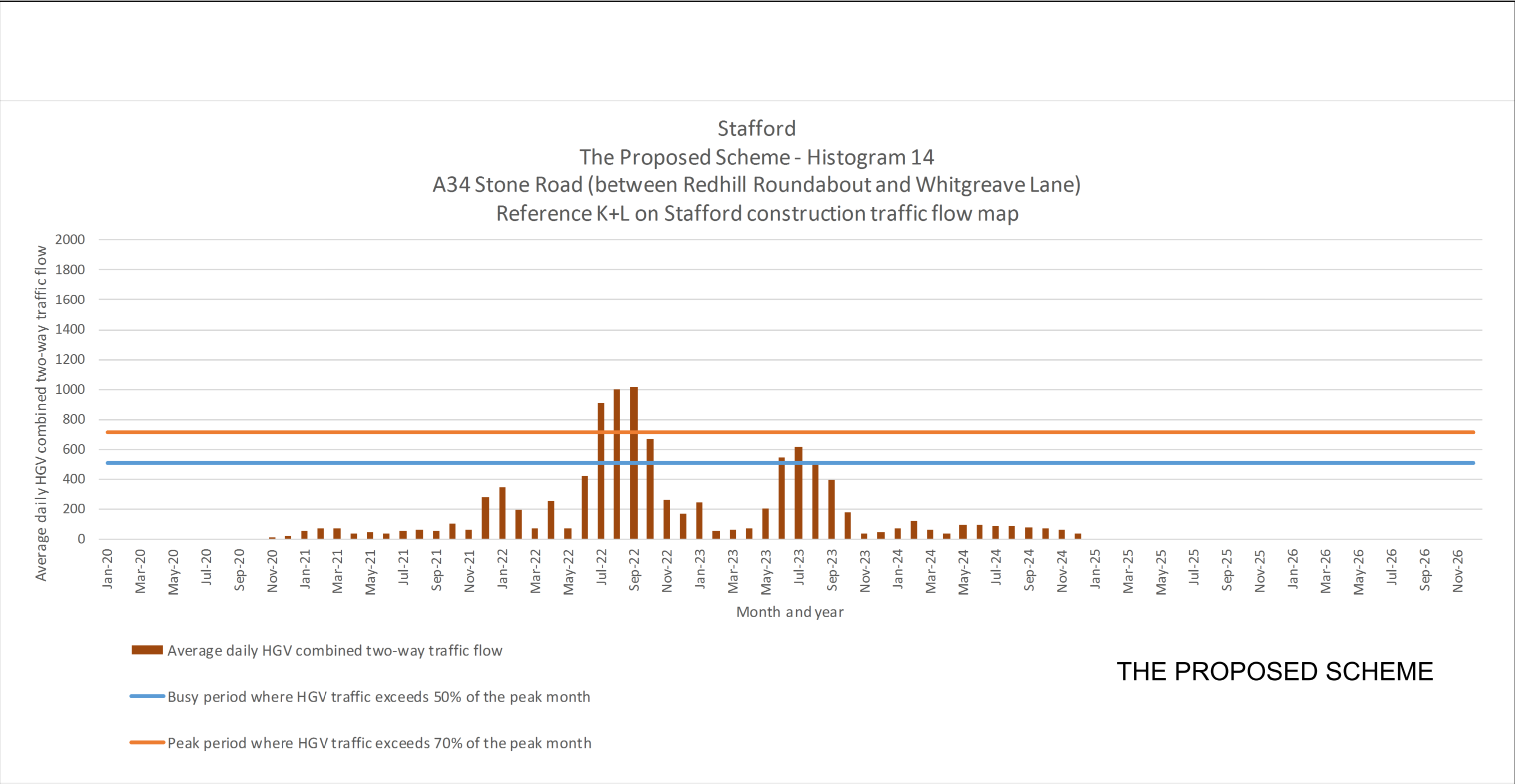
Stafford
The Proposed Scheme - Histogram 13
A513 Beaconside (between Marston Lane and Redhill roundabout)
Reference I+J on Stafford construction traffic flow map



- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

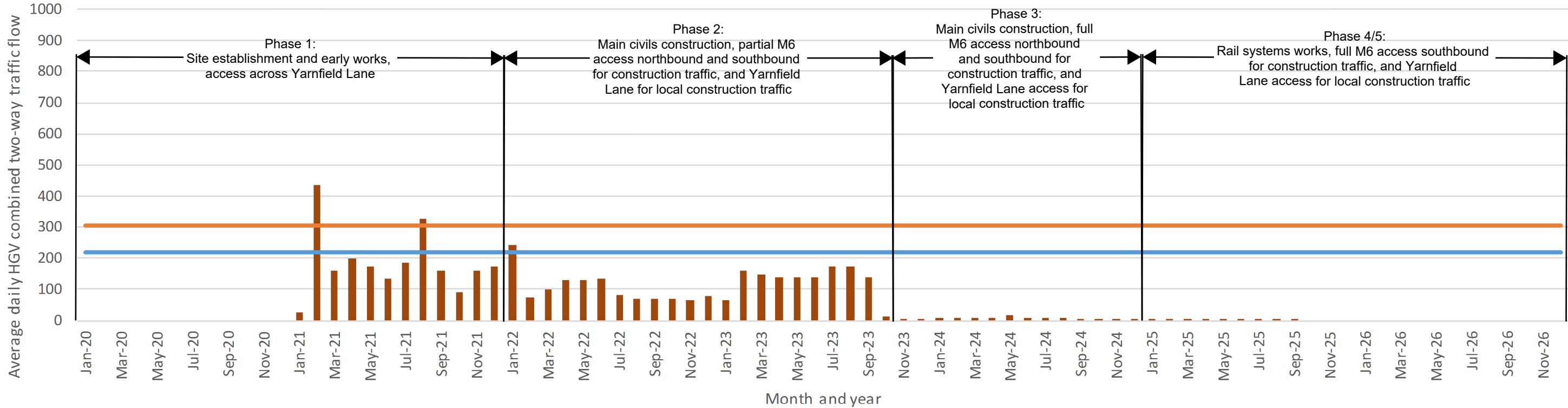
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									Drawing No.			Rev.		
					Scale with caution as distortion can occur.		Creator/Originator	Ove Arup & Partners International Ltd			2PT01-ARP-TM-DSK-000-101025			P00.1

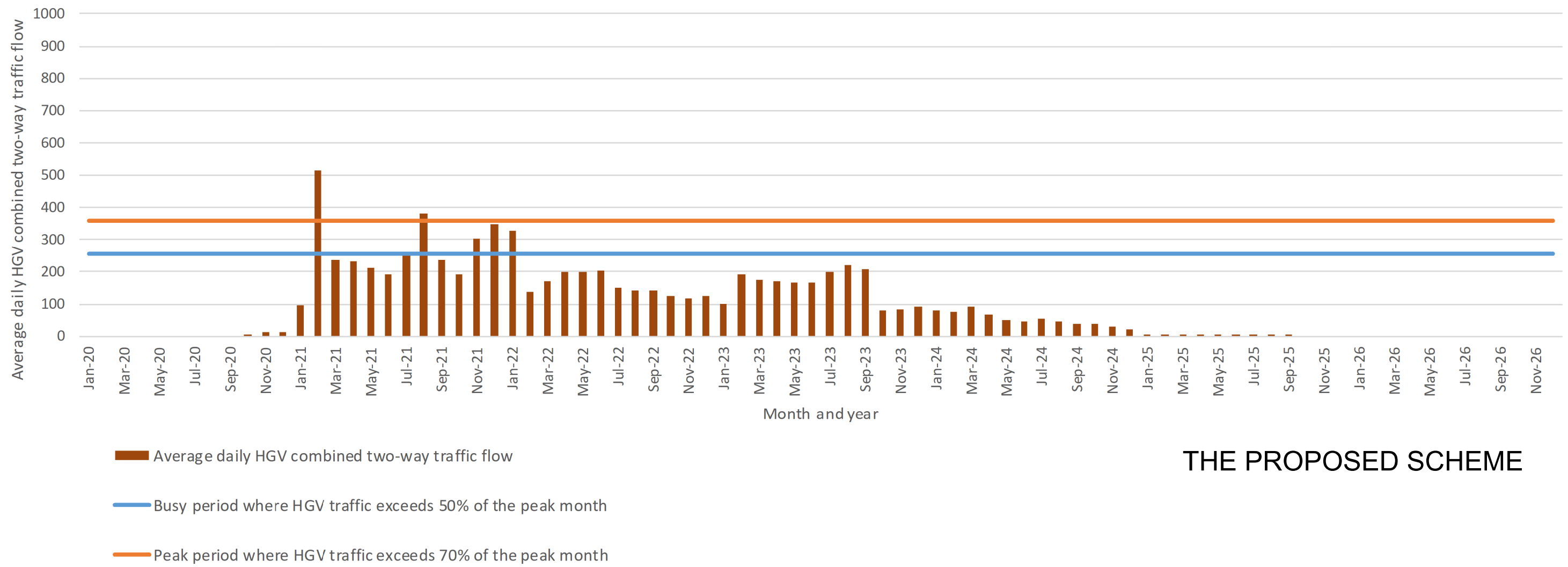
Stone/IMB-R
The Proposed Scheme - Histogram 15
Yarnfield Lane between Ashdale Park and A34 The Fillybrooks
Reference K+L on Stone/IMB-R construction traffic flow map



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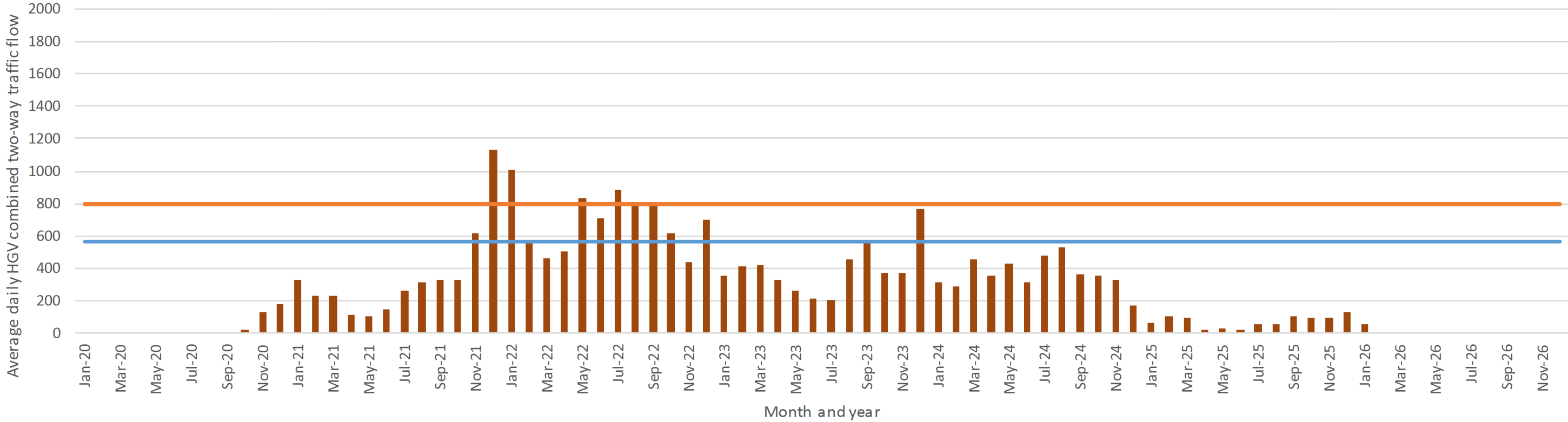
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Stone/IMB-R
The Proposed Scheme - Histogram 16
A34 Stafford Road (between A51 Stone Bypass and B5026 Eccleshall Road)
Reference O+P on Stone/IMB-R construction traffic flow map



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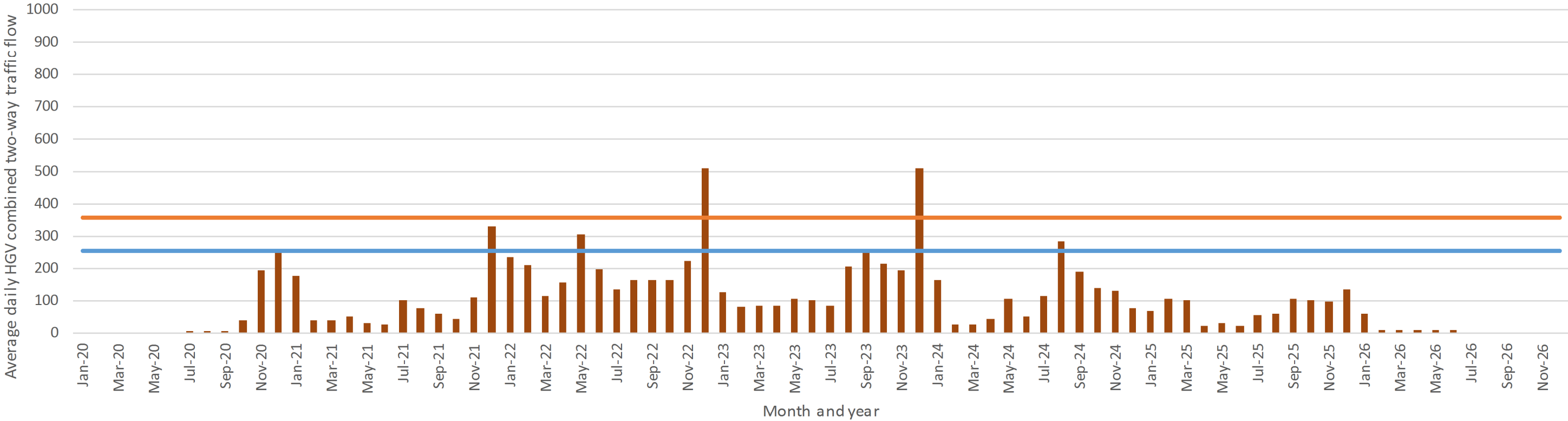
CA3
The Proposed Scheme - Histogram 17
A500 Queensway (between A519 Newcastle Road and M6)
Referenced on CA3 Proposed Scheme construction traffic route map



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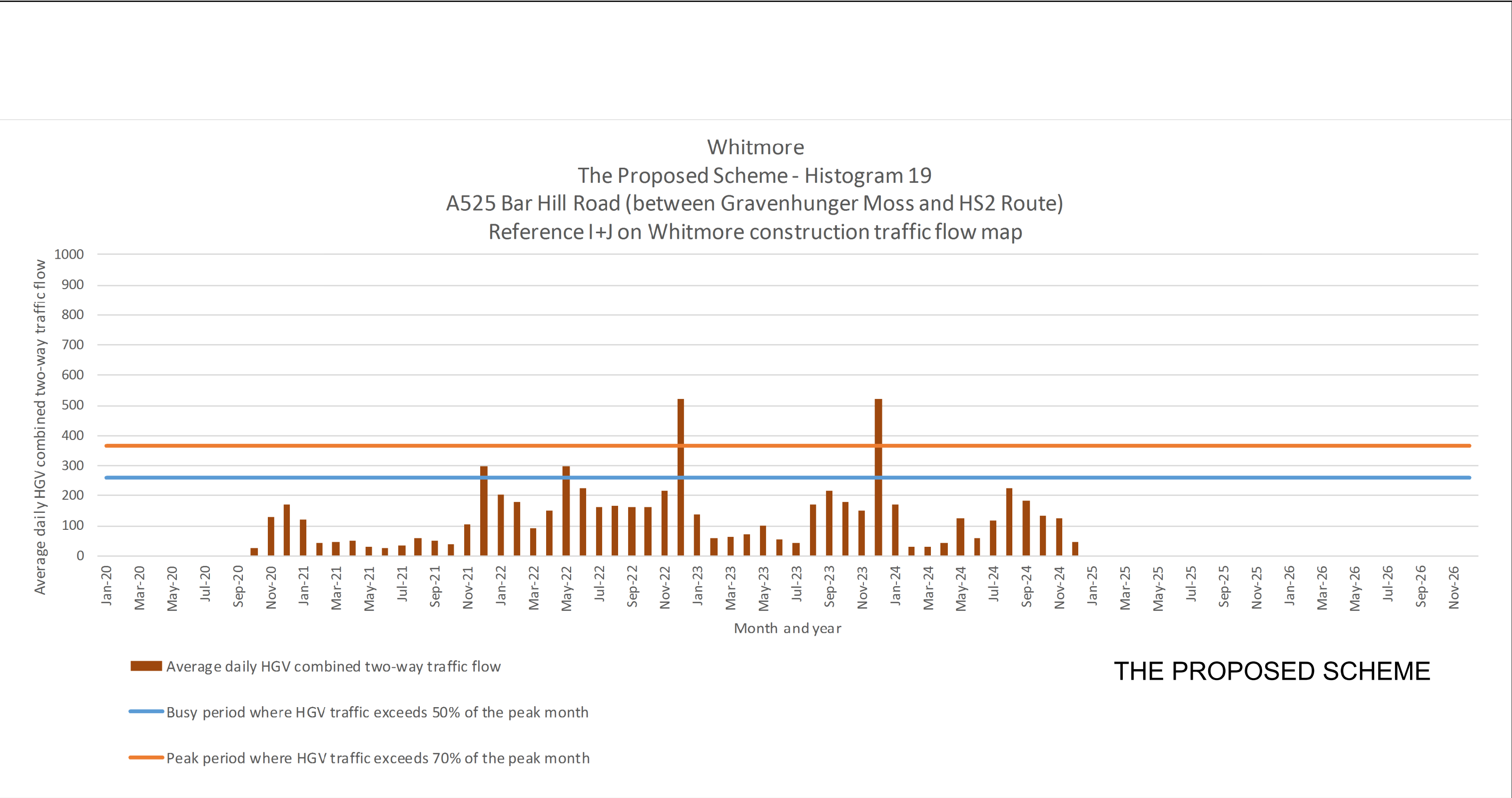
Whitmore
The Proposed Scheme - Histogram 18
A53 Newcastle Road (between Madeley Road and Holly Bush Lane)
Reference C+D on Whitmore construction traffic flow map



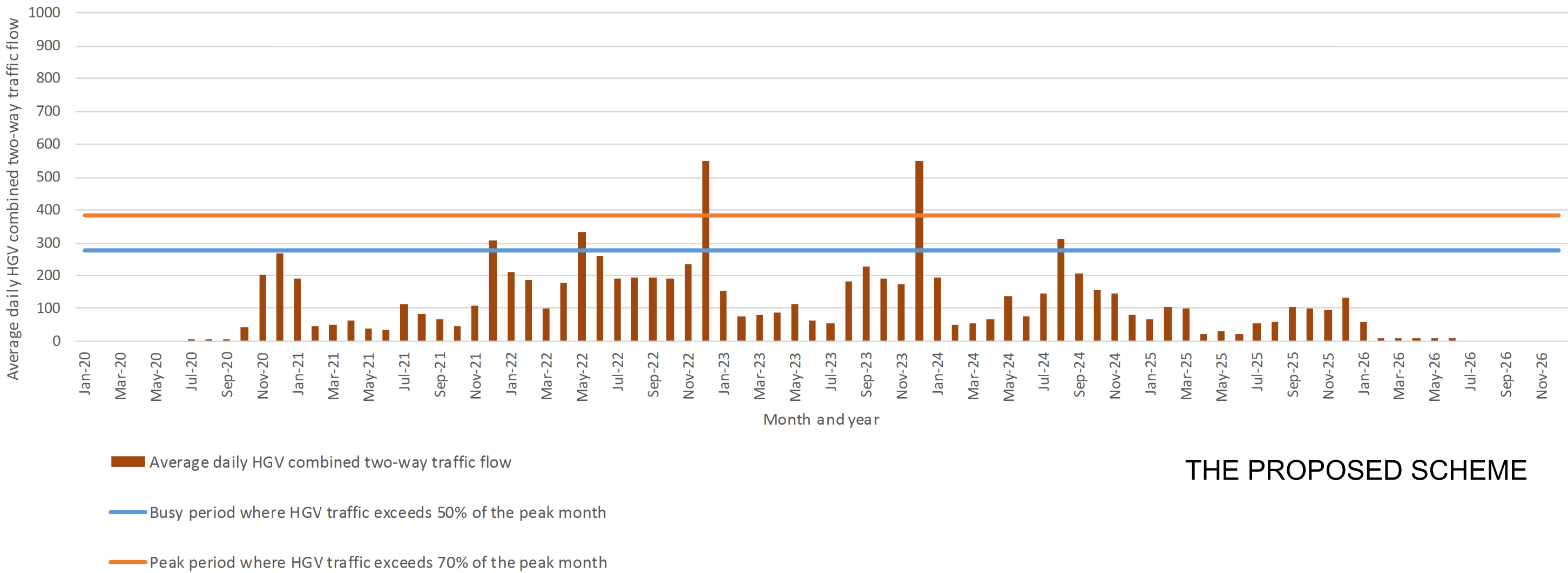
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- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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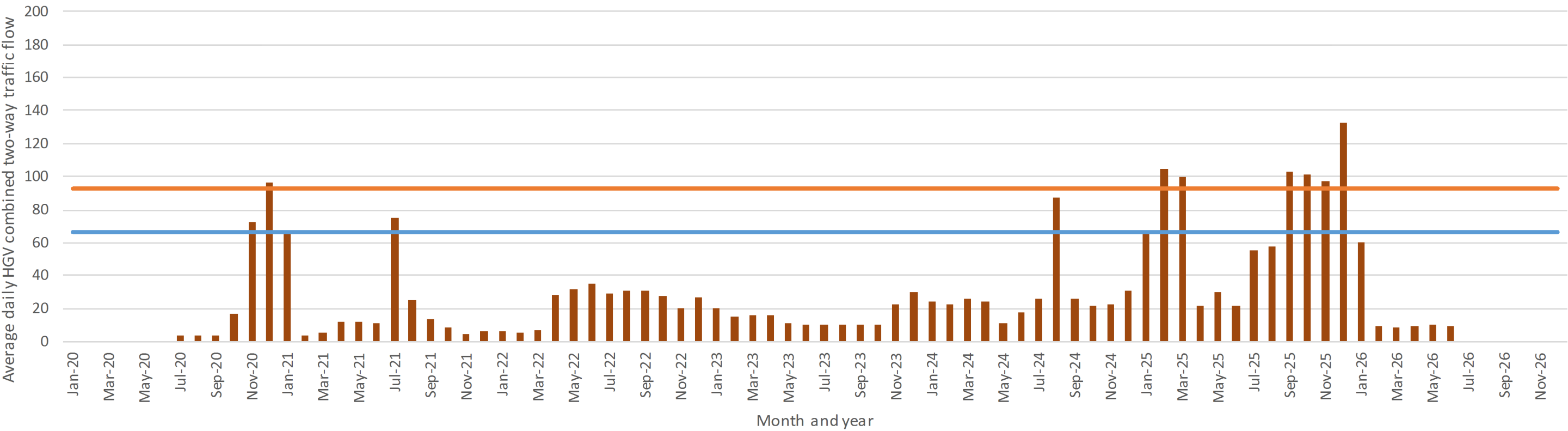
Whitmore
The Proposed Scheme - Histogram 20
A51 London Road (between London Road and Newcastle Road)
Reference K+L on Whitmore construction traffic flow map



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Rev. 1	1	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.					

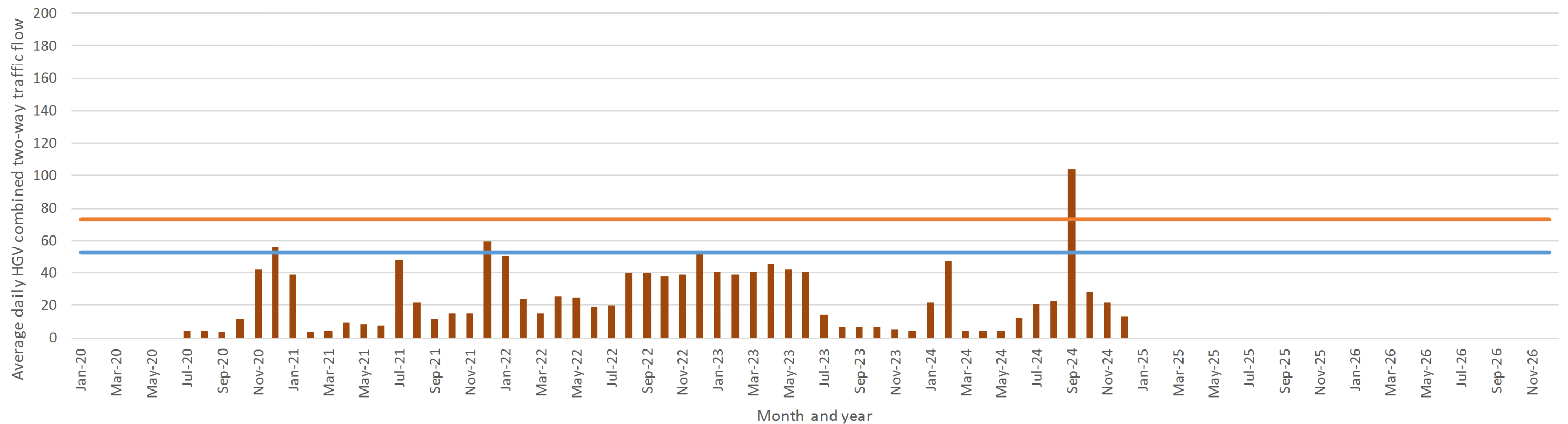
Whitmore
The Proposed Scheme - Histogram 21
A51 London Road (between A525 Newcastle Road and Yew Tree Lane)
Reference M+N on Whitmore construction traffic flow map




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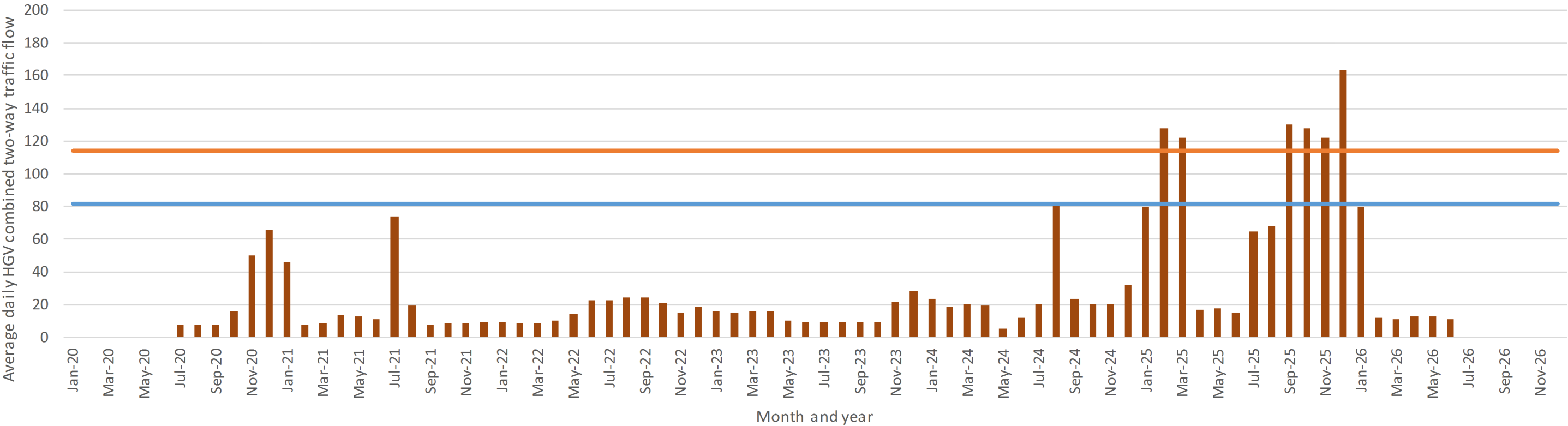
Whitmore
The Proposed Scheme - Histogram 22
Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane)
Reference O+P on Whitmore construction traffic flow map



THE PROPOSED SCHEME


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									Date	09/03/2018		Scale As Shown	Size A3		
									Drawing No.	APT01-ARP-TM-DSK-000-101015			Rev. P00.1		
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CA5
The Proposed Scheme - Histogram 23
Checkley Lane (between London Road and HS2 Route)
Referenced on CA5 Proposed Scheme construction traffic route map



- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

THE PROPOSED SCHEME

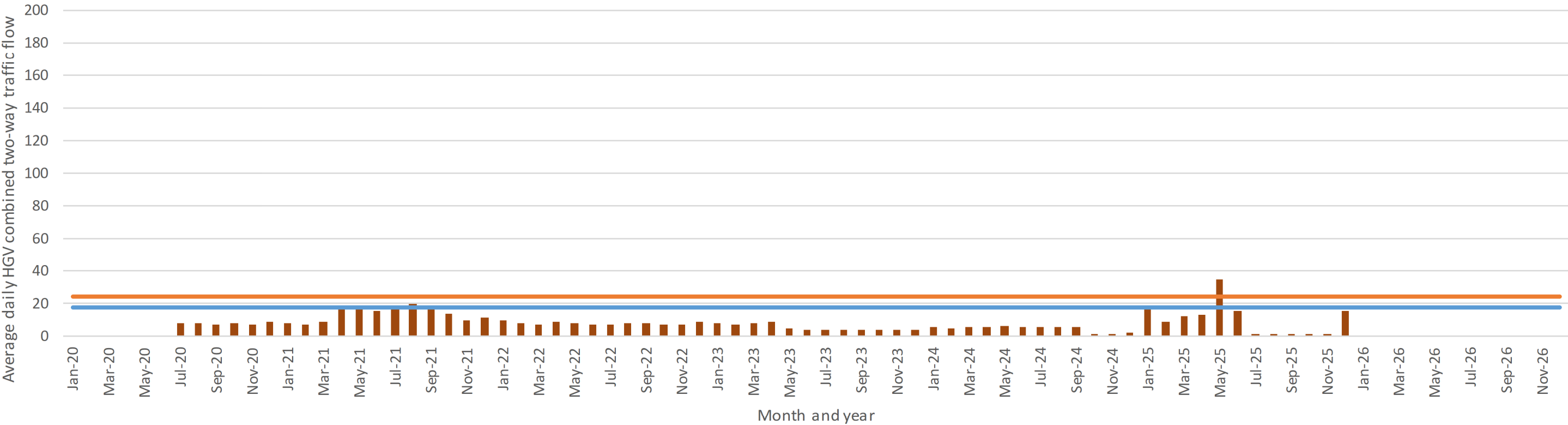
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CA5

The Proposed Scheme - Histogram 24


Den Lane (between HS2 route and West Coast Main Line)

Referenced on CA5 Proposed Scheme construction traffic route map

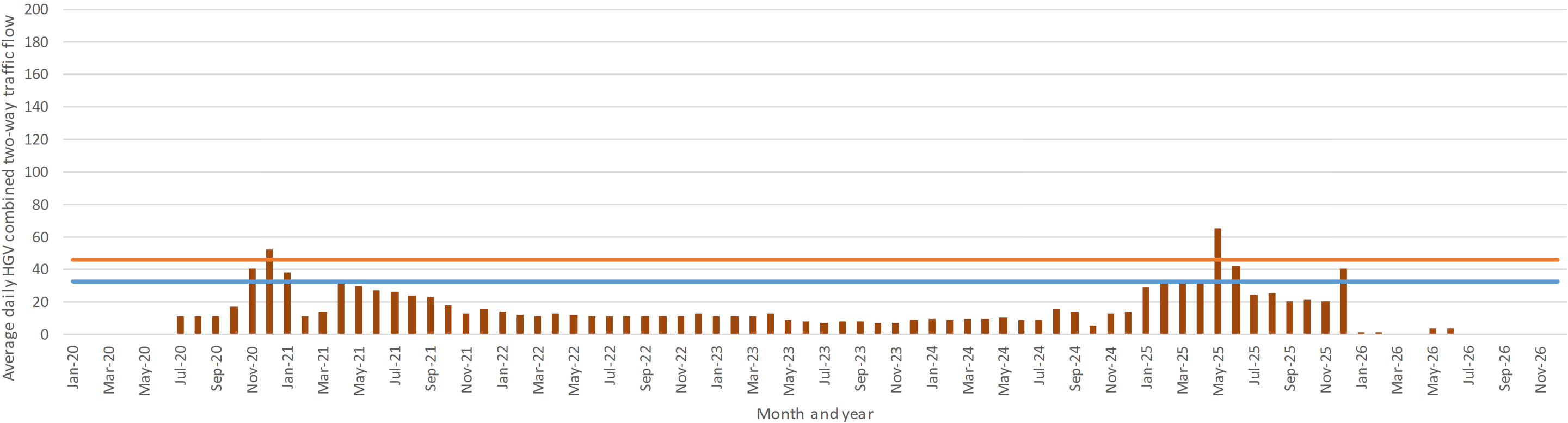


- Average daily HGV combined two-way traffic flow
- Busy period where HGV traffic exceeds 50% of the peak month
- Peak period where HGV traffic exceeds 70% of the peak month

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								Creator/Originator	Ove Arup & Partners International Ltd		Drawing No.		Rev.
Scale with caution as distortion can occur.										2PT01-ARP-TM-DSK-000-101009		P00.1	

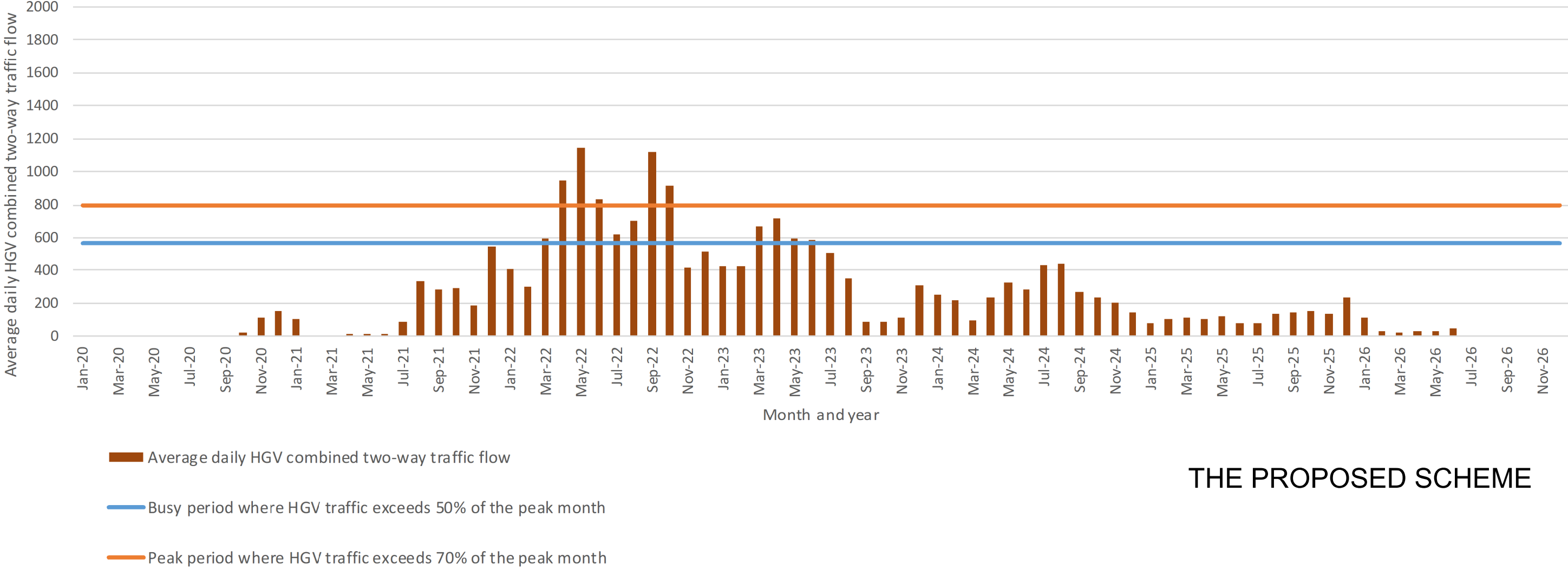
CA5
The Proposed Scheme - Histogram 25
B5071 Bridge Street (between Back Lane and Wrinehill Road)
Referenced on CA5 Proposed Scheme construction traffic route map



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Rev.	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.											

Crewe
The Proposed Scheme - Histogram 26
A500 Newcastle Road between M6 and Meremoor Roundabout
Reference A+B on Crewe construction traffic flow map



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