Section P: Part 3 Construction Traffic Maps - AP2 Revised Scheme

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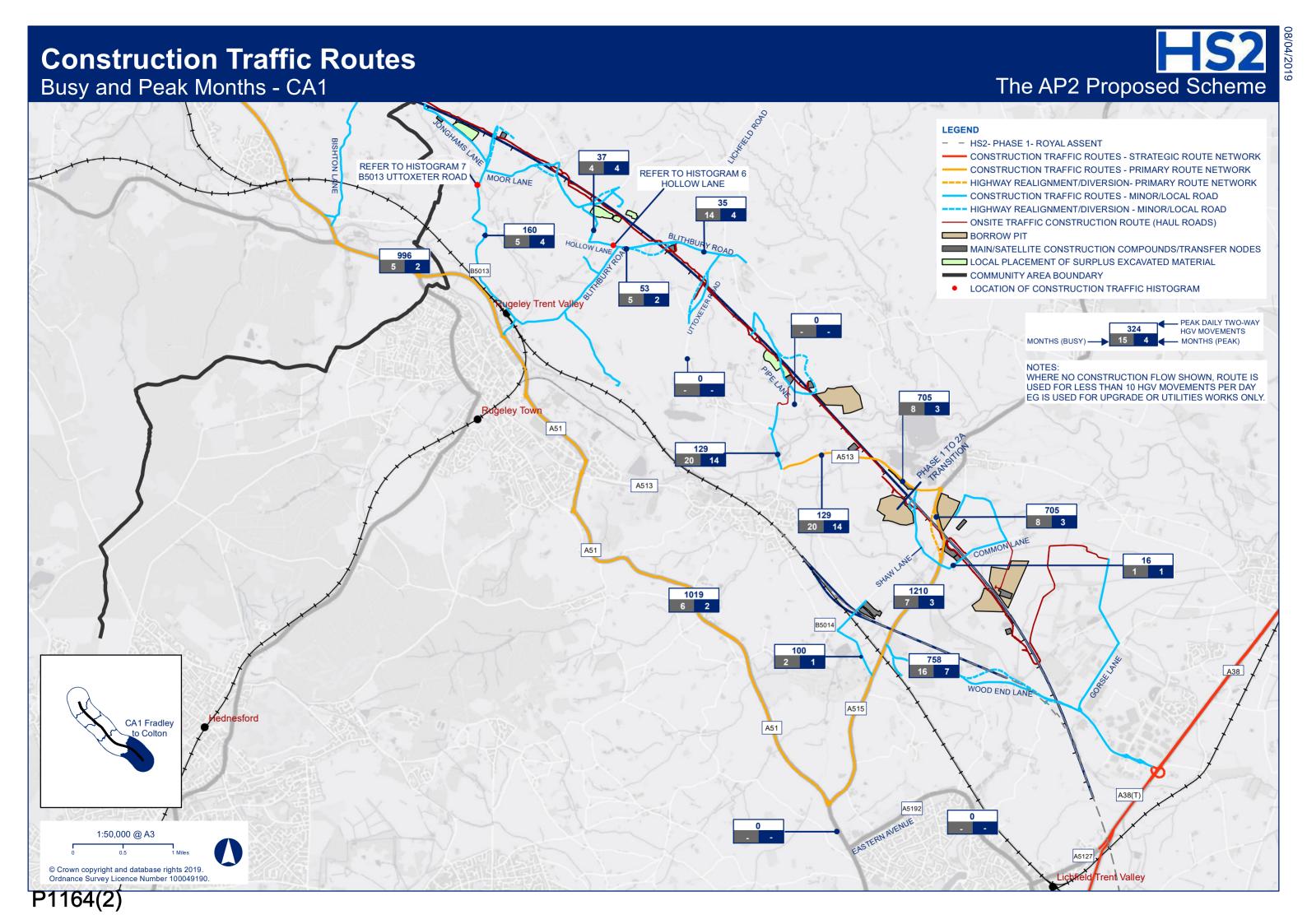
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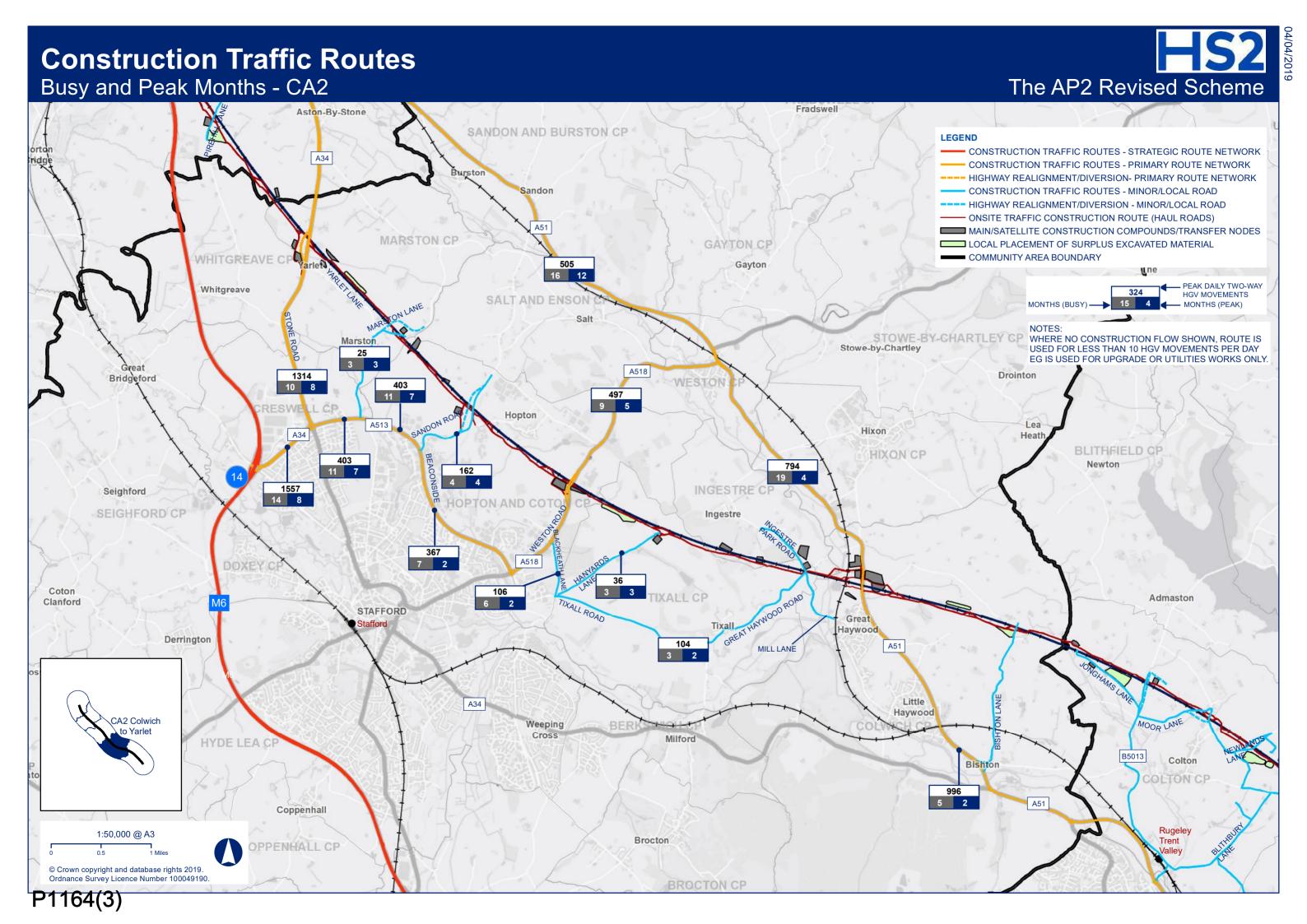
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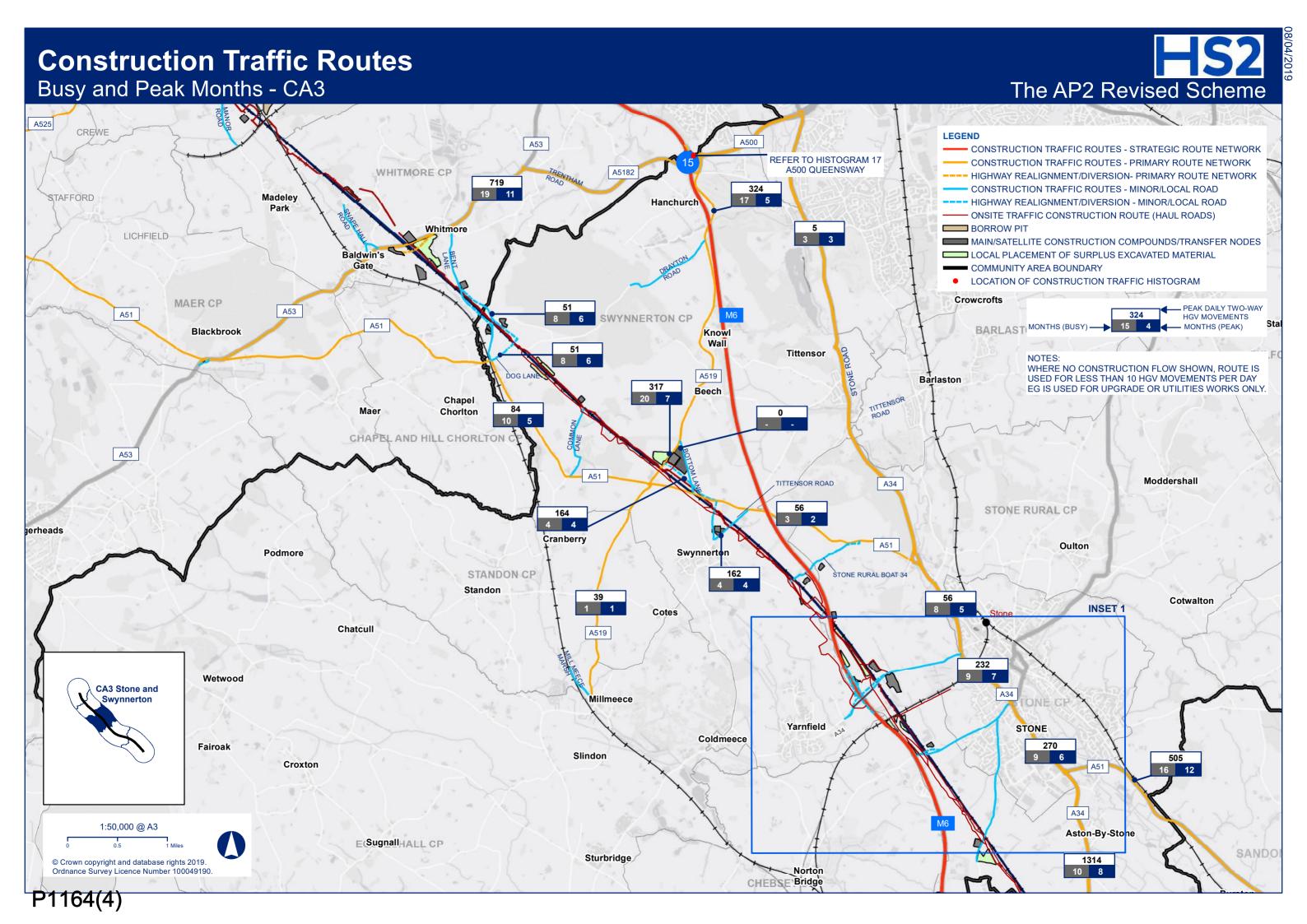
This traffic and transport exhibit pack reports indicative peak month HS2 Phase 2a construction traffic flows on selected roads affected by the construction of the AP2 Revised Scheme.

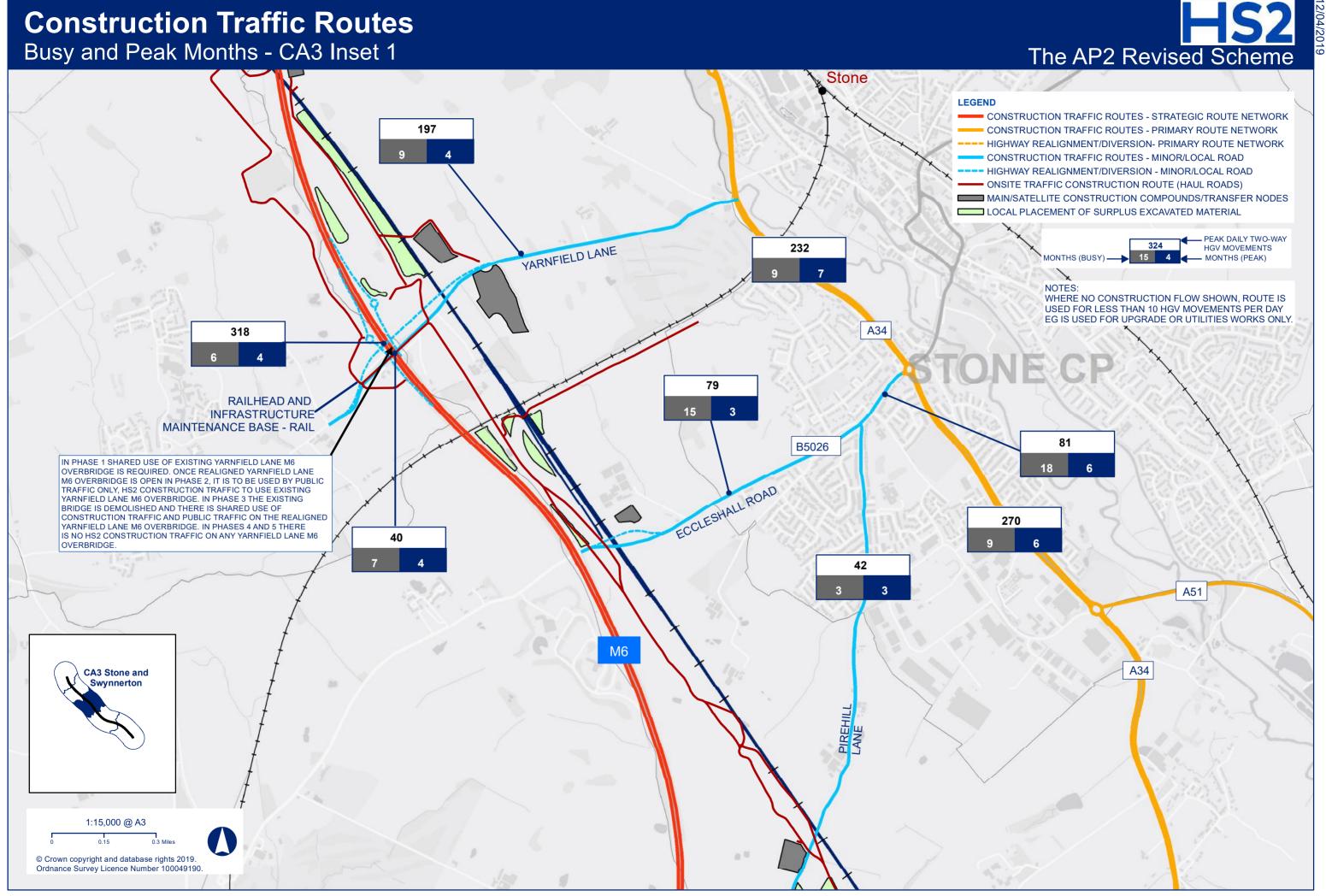
HS2 Phase 2A AP2 Construction Traffic Routes The AP2 Proposed Scheme Biddulph CONSTRUCTION TRAFFIC ROUTES - STRATEGIC ROUTE NETWORK CONSTRUCTION TRAFFIC ROUTES - PRIMARY ROUTE NETWORK CONSTRUCTION TRAFFIC ROUTES - MINOR/LOCAL ROAD ∧ o Kidsgrove A34 Nantwi A523 A500, A520 Stoke-On-Trent Ashbourne nder-Lyme Whitchurch A520 Market Drayton o Eccleshall A49 Needwood upon Trent A444 · Newport National Forest Penkridge 1:200,000 @ A3 © Crown copyright and database rights 2019. Ordnance Survey Licence Number 100049190.

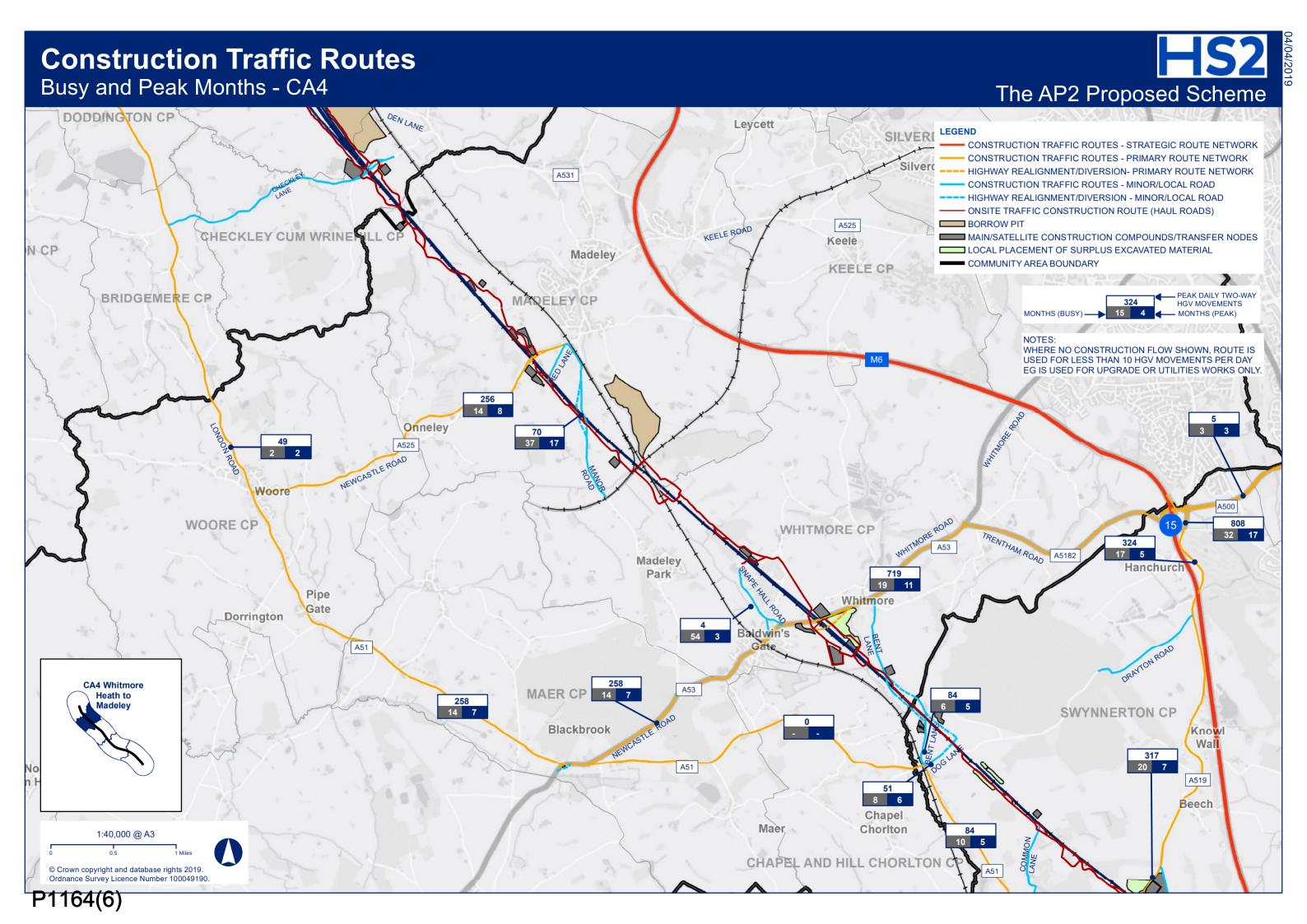
P1164(1)

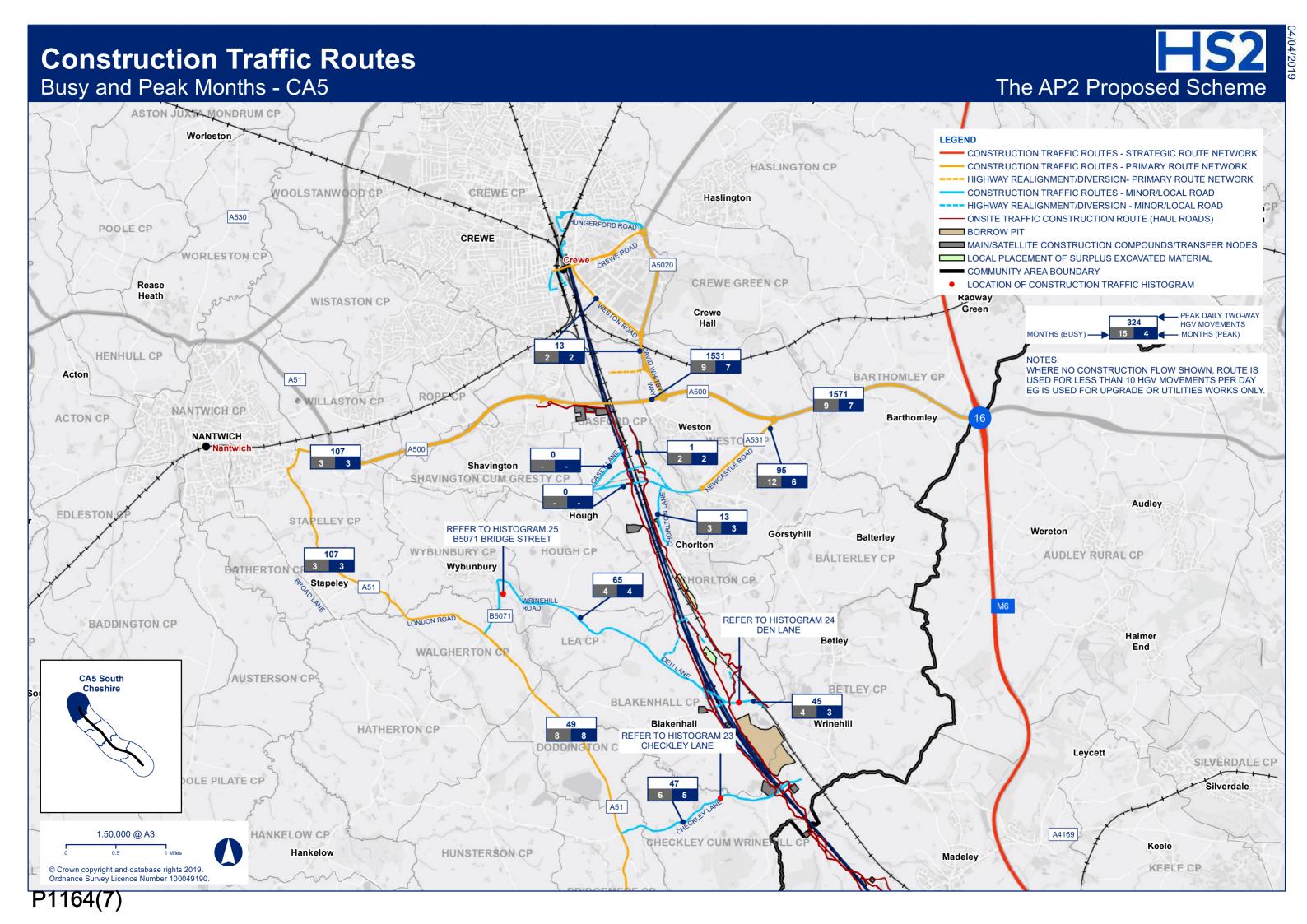


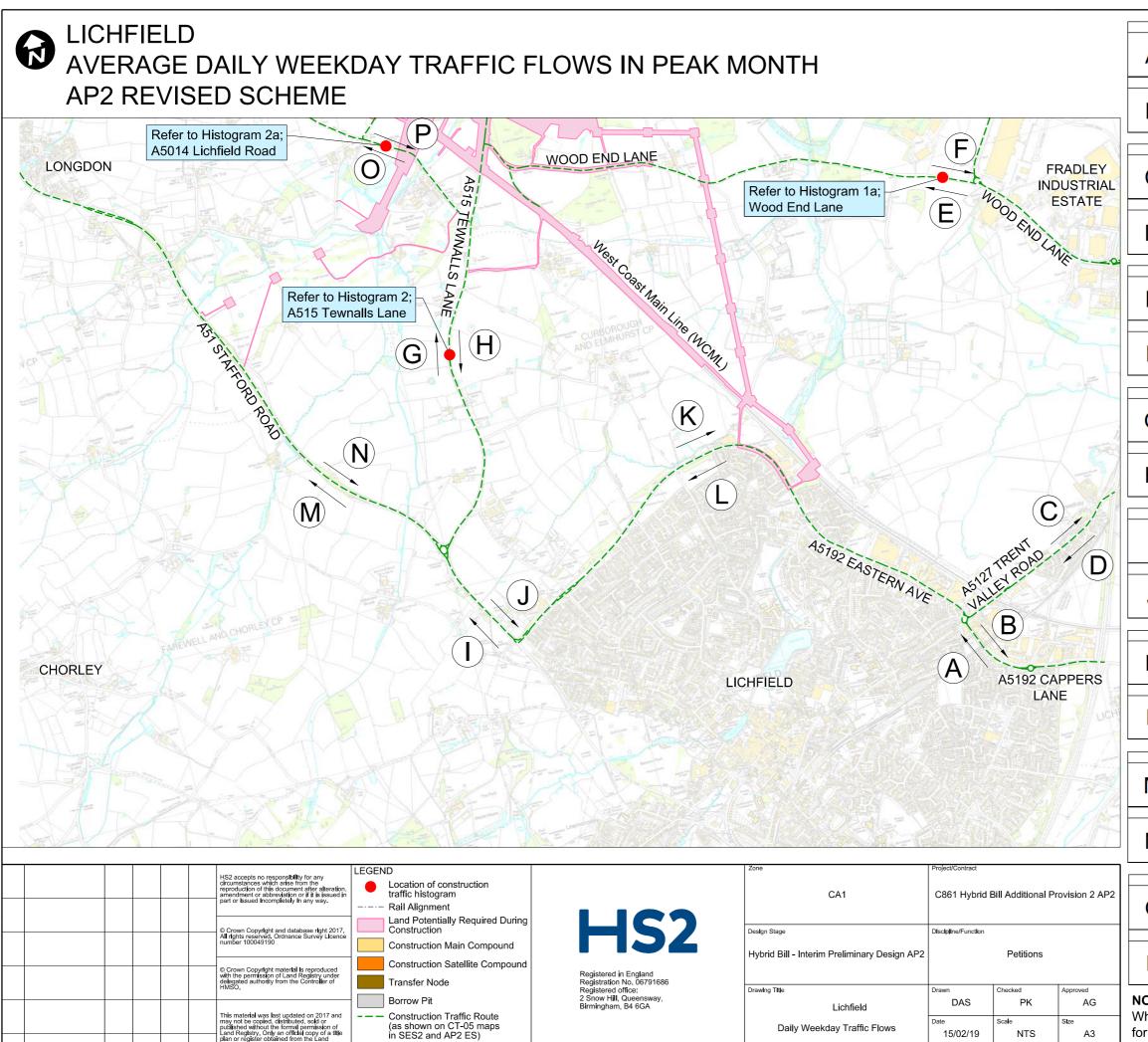












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ı	A5192	A5192 Cappers Lane (between Trent Valley Road and Austin Cote Lane) - Northbound											
		2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2						
	Α	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
		8158	183	2%	16	0	0%	2%					
A5192 Cappers Lane (between Trent Valley Road and Austin Cote Lane) - Southbound													
	A5192	Cappers I	_ane (betw	een Trent \	/alley Road	and Austir	<u>n Cote Lane) - Southbo</u>	ound					
	A5192		_ane (betwo		/alley Road HS2		Cote Lane) - Southbo 2023 future baseline						
	A5192												

A512	A5127 Trent Valley Road (between Eastern Avenue and Rykneld Street) - Eastbound											
	2023 future baseline			HS2	Traffic	2023 future baseline	plus HS2					
C	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	5771	79	1%	7	0	0%	1%					
A512	7 Trent Val	ley Road (I	oetween Ea	astern Aver	ue and Ryl	(neld Street) - Westbo	und					
	2023	2023 future baseline			raffic	2023 future baseline plus HS						
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	6995	142	2%	7	0	0%	2%					
		•	•		•	•						

\	Nood End L	ane (betw	een Gorse	Lane and N	Netherstow	e Lane) - Northbound	
	2023 future baseline			HS2	Fraffic	2023 future baseline	plus HS2
Ε	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2540	161	6%	380	379	15%	19%
V	Vood End L	ane (betwo	een Gorse	Lane and N	Vetherstow	e Lane) - Southbound	
	2023	future bas	eline	HS2	Fraffic	2023 future baseline plus HS2	
F	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2204	134	6%	380	379	17%	20%

A515	A515 Tewnalls Lane (between Stafford Road and B5014 Lichfield Road) - Northbound											
	2023 future baseline			HS2 T	HS2 Traffic 2023 future base		ne plus HS2					
G	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	4311	254	6%	581	509	13%	16%					
A515	Tewnalls La	ane (betwe	en Stafford	Road and	B5014 Lic	hfield Road) - Southbo	ound					
	2023	future bas	eline	HS2 Traffic 2023 future baseline plus			plus HS2					
Η	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	3667	229	6%	581	509	16%	17%					

A51 Stafford Road (between Eastern Avenue and Featherbed Lane) - Northbound												
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2						
	All Vehs HGVs		%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	9240	189	2%	103	0	1%	2%					
A51	Stafford R	oad (betwe	en Easterr	n Avenue ai	nd Feather	bed Lane) - Southbour	nd					
	2023	future bas	eline	HS2 T	Fraffic	2023 future baseline plus HS2						
J	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	10007	311	3%	103	0	1%	3%					

A51	92 Eastern	Avenue (b	etween Net	therstone L	ane and Gr	ange Lane) - Eastbou	nd					
	2023 future baseline			HS2 T	raffic	2023 future baseline	plus HS2					
K	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	6798	212	3%	23	0	0%	3%					
A519	92 Eastern	Avenue (be	etween Net	herstone La	ane and Gr	ange Lane) - Westbou	nd					
	2023	future bas	eline	HS2 T	raffic	2023 future baseline plus HS						
L	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	6894	124	2%	23	0	0%	2%					

A51 S	Stafford Roa	ad (betwee	n A515 Fe	atherbed La	ane and Ly	sways Lane) - Northbo	und
	2023 future baseline			HS2 Traffic		2023 future baseline plus HS2	
M	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	8747	333	4%	519	509	6%	9%
A51 S	tafford Roa	d (betwee	n A515 Fea	atherbed La	ane and Ly	sways Lane) - Southbo	ound
	2023	future bas	eline	HS2 Traffic 2023 future baseline plu			plus HS2
N	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	7869	304	4%	519	509	7%	10%

B501	14 Lichfield	Road (bet	ween A51	5 Tewnals F	Road and S	Shaw Lane) - Northbou	nd				
	2023 future baseline			HS2 T	raffic	2023 future baseline plus HS					
Ο	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	3458	35	1%	50	50	1%	2%				
B501	4 Lichfield	Road (bet	ween A515	Tewnals F	Road and S	haw Lane) - Southbou	nd				
	2023	future bas	eline	HS2 T	raffic	2023 future baseline plus HS2					
Р	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	3504	31	1%	50	50	1%	2%				

Daily Weekday Traffic Flows

Construction Phase - Peak Monthly

Average Daily HGV Traffic

15/02/19

rawing No.

NTS

2PT02-ARP-PT-DSK-000-100401

KINGS BROMLEY AND HILL RIDWARE AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH **AP2 REVISED SCHEME** Bourne Embankment Transfer Node Bourne Embankment LUPIN Satellite Compound Northern extent of HGV Pipe Ridware Embankment construction traffic on the Satellite Compound River Trent A515 Lichfield Road. Viaduct Satellite Compound **Blithbury North Cutting** HAMSTALL Satellite Compound **RIDWARE** KING'S BROMLEY Blithbury Central **Cutting Satellite** Compound BLITHBURY G Pyford North (H)Embankment Pyford North Embankment Satellite Compound B5014 UTTOXETER ROAD E Transfer Node **COMMON LANE** 0 HILL RIDWARE Refer to Histogram 3; HANDSACRE A513 Kings Bromley Lane Location of construction traffic histogram C861 Hybrid Bill Additional Provision 2 AP2 CA1 Rail Alignment Land Potentially Required During Construction Des**i**gn Stage Discipline/Function Construction Main Compound Hybrid Bill - Interim Preliminary Design AP2 Petitions Construction Satellite Compound

Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA

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Creator/Originator

Transfer Node Borrow Pit

R-1164(9)

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Construction Traffic Route (as shown on CT-05 maps in SES2 and AP2 ES)

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	Commo	n Lane (bet	tween Licht	field Road a	and HS2 R	oute) - Eastbound	
	2023 future baseline			HS2	Traffic	2023 future baseline plus HS	
Α	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	27	4	14%	119	8	441%	8%
	Commor	n Lane (bet	ween Lichf	ield Road a	and HS2 Ro	oute) - Westbound	
	2023	future bas	eline	HS2 Traffic 2023 future baseline plus			plus HS2
В	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	38	2	6%	119	8	313%	6%

A51	5 Lichfield	Road (bet	ween A513	Rugeley F	load and H	S2 Route) - Northboun	d				
	2023 future baseline			HS2 T	HS2 Traffic 2023 future baselin		plus HS2				
С	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	2458	229	9%	458	352	19%	20%				
A51	5 Lichfield	Road (bet)	ween A513	Rugeley R	oad and H	S2 Route) - Southbour	nd				
	2023	future bas	eline	HS2	raffic	2023 future baseline plus HS					
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	2794	166	6%	458	352	16%	16%				

A513 Kings Bromley Lane (between HS2 Route and Uttoxeter Road) - Eastbound								
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2		
Ε	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	3216	108	3%	282	65	9%	5%	
A51	3 Kings Br	omley Land	e (between	HS2 Route	and Uttoxe	eter Road) - Westbour	nd	
	2023	future bas	eline	HS2 T	raffic	2023 future baseline	plus HS2	
F	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	3454	122	4%	282	65	8%	5%	

% Increase in all	Pipe Lane - Northbound											
All Vehs HGVs %HGV All Vehs HGVs vehicle traffic %HGV		2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2					
	G	All Vehs	HGVs	%HGV	All Vehs	HGVs		%HGV				
Pine Lane - Southhound		227	15	7%	0	0	0%	7%				
i ipe Lane "Southbound												
2023 future baseline HS2 Traffic 2023 future baseline plus HS2		2023	future bas	eline	HS2 T	Fraffic	2023 future baseline plus HS2					
All Vehs HGVs %HGV All Vehs HGVs %Increase in all vehicle traffic %HGV	Н	All Vehs	HGVs	%HGV	All Vehs	HGVs		%HGV				
274 11 4% 0 0 0% 4%		274	11	4%	0	0	0%	4%				

B50	B5014 Rake End Lane (between School Lane and Stoneyford Lane) - Northbound								
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2			
-	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV		
	1121	52	5%	22	0	2%	5%		
B50	14 Rake E	nd Lane (b	etween Sc	hool Lane a	and Stoney	ford Lane) - Southbour	nd		
	2023	future bas	eline	HS2 T	Fraffic	2023 future baseline	plus HS2		
J	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV		
	1132	51	4%	22	0	2%	4%		

	Blithbury Ro	oad (betwe	en Stoneyf	ord Lane a	nd Blithbur	y Road) - Eastbound	
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2	
K	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	1085	27	3%	66	26	6%	5%
	Blithbury Ro	ad (betwe	en Stoneyfo	ord Lane ar	nd Blithbury	(Road) - Westbound	
	2023	future bas	eline	HS2	Traffic	2023 future baseline	plus HS2
L	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	925	28	3%	66	26	7%	6%

A5151	Tewnalls La	ne (betwee	en B5014 L	ichfield Ro	ad and Wo	od End Lane) - Northb	ound
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2	
M	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2829	133	5%	581	509	21%	19%
A515 T	Tewnalls La	ne (betwee	n B5014 L	ichfield Roa	ad and Wo	od End Lane) - Southb	ound
	2023	future bas	eline	HS2	Fraffic	2023 future baseline	plus HS2
N	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3089	139	4%	581	509	19%	18%

A515 Lichfield Road (between Wood End Lane and Common Lane) - Northbound								
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2		
0	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	2829	133	5%	716	605	25%	21%	
A51	5 Lichfield	Road (bet	ween Wood	d End Lane	and Comn	non Lane) - Southbour	nd	
	2023	future bas	eline	HS2	raffic	2023 future baseline	plus HS2	
Р	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	3089	139	4%	716	605	23%	20%	

NOTE:

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15/02/19

Kings Bromley and Hill Ridware

Daily Weekday Traffic Flows

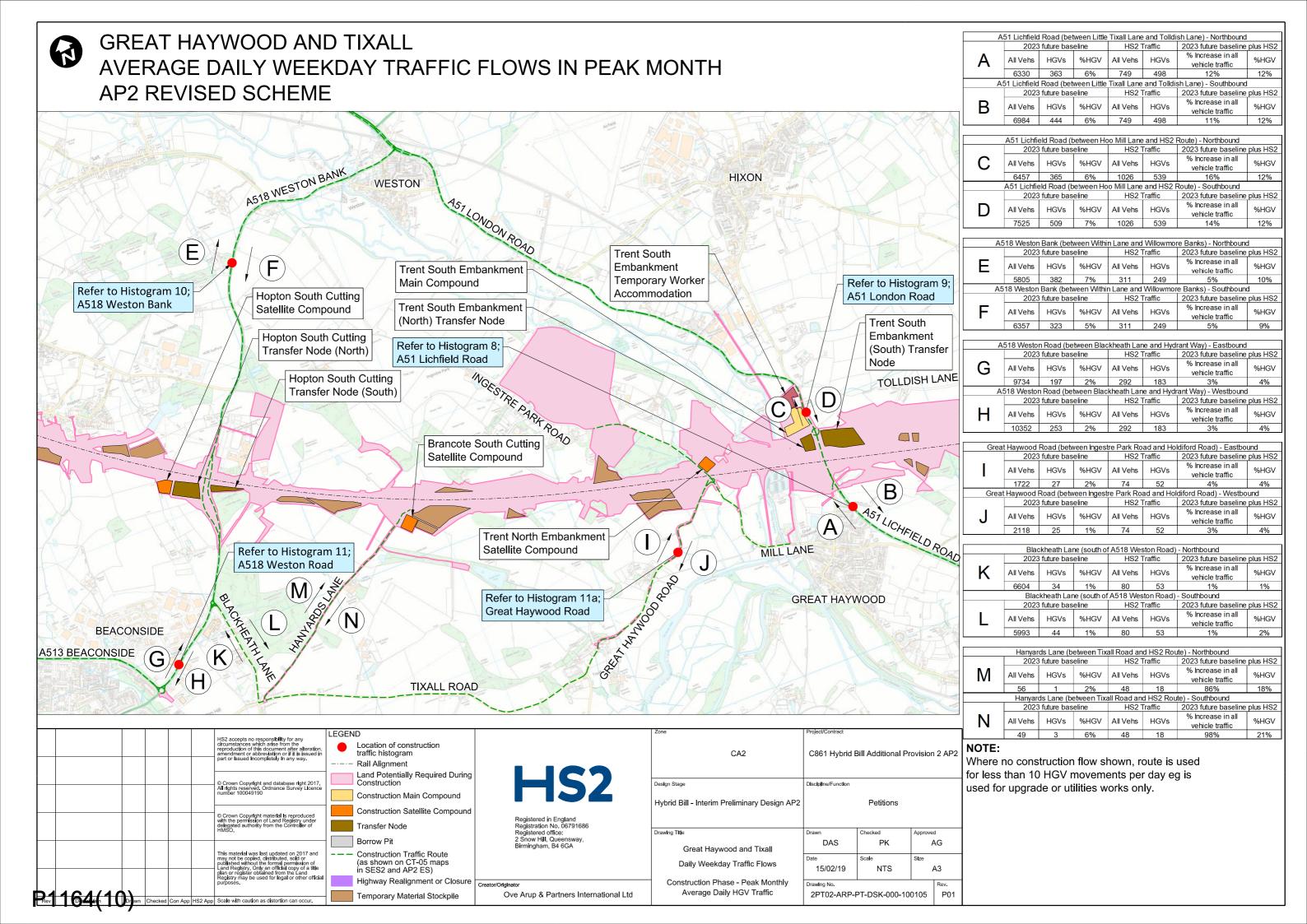
Construction Phase - Peak Monthly

Average Daily HGV Traffic

PK

NTS

2PT02-ARP-PT-DSK-000-100306





STAFFORD AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH **AP2 REVISED SCHEME**

Construction Main Compound Construction Satellite Compound

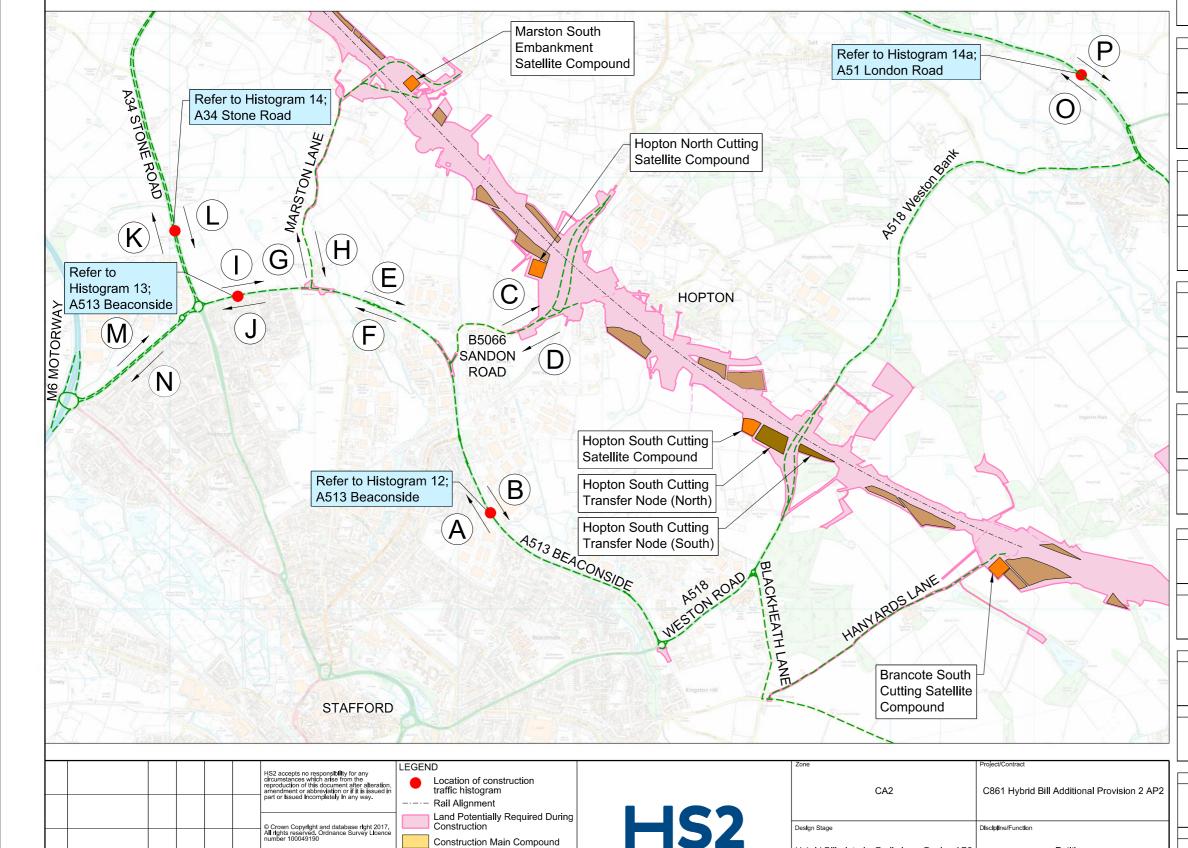
Construction Traffic Route (as shown on CT-05 maps in SES2 and AP2 ES)

Temporary Material Stockpile

Transfer Node

Borrow Pit

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Creator/Originator

	Zone	Project/Contract						
1.100	CA2	C861 Hybrid Bill Additional Provision 2 AP:			AP2			
HS2	Design Stage Hybrid Bill - Interim Preliminary Design AP2	Discipiline/Function Petitions						
Registered in England Registration No. 06791686 Registered office:	Drawling Title	Drawn	Checked	Approved				
2 Snow Hill, Queensway, Birmingham, B4 6GA	Stafford	DAS	PK	AG	i			
	Daily Weekday Traffic Flows	Date 15/02/19	Scale NTS	Size A3				
Originator Ove Arup & Partners International Ltd	Construction Phase - Peak Monthly Average Daily HGV Traffic	Drawling No. 2PT02-ARP-	PT-DSK-000-1		ev. P01			

A5	13 Beacon	side (betwe	een Dyson	n Way and B5066 Sandon Road) - Northbound				
	2023	future bas	eline	HS2	Traffic	2023 future baseline plus HS2		
Α	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	8988	746	8%	254	183	3%	10%	
A5	13 Beacon	side (betwe	een Dyson	Way and B	5066 Sand	on Road) - Southboun	d	
	2023	future bas	eline	HS2	Traffic	2023 future baseline	plus HS2	
В	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	7277	530	7%	254	183	3%	9%	

B50	66 Sandor	Road (be	ween A51	3 Beaconsi	de and Ho	pton Lane) - Northbour	nd
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS	
С	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2908	118	4%	88	81	3%	7%
B50	66 Sandon	Road (bet	ween A513	Beaconsi	de and Hop	oton Lane) - Southbour	nd
	2023	future bas	eline	HS2	Fraffic	2023 future baseline	plus HS2
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3074	116	4%	88	81	3%	6%

A51	3 Beacons	ide (betwe	en B5066	Sandon Ro	ad and Ma	rston Lane) - Eastbour	nd
	2023	future bas	eline	HS2	Fraffic	2023 future baseline plus HS2	
Ε	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	9535	547	6%	288	201	3%	8%
A51	3 Beacons	ide (betwee	en B5066 S	Sandon Roa	ad and Mai	rston Lane) - Westboui	nd
	2023	future bas	eline	HS2 T	Traffic	2023 future baseline	plus HS2
F	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	9937	667	7%	288	201	3%	8%

Marston Lane (between Yarlet Lane and A513 Beaconside) - Northbound										
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2				
G	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV			
	92	3	4%	31	13	34%	13%			
	Marston La	ane (betwe	en Yarlet L	ane and A5	13 Beacor	nside) - Southbound				
	2023	future bas	eline	HS2	Fraffic	2023 future baseline	plus HS2			
Н	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV			
	168	9	5%	31	13	19%	11%			
• •	168	9	5%	31	13		11%			

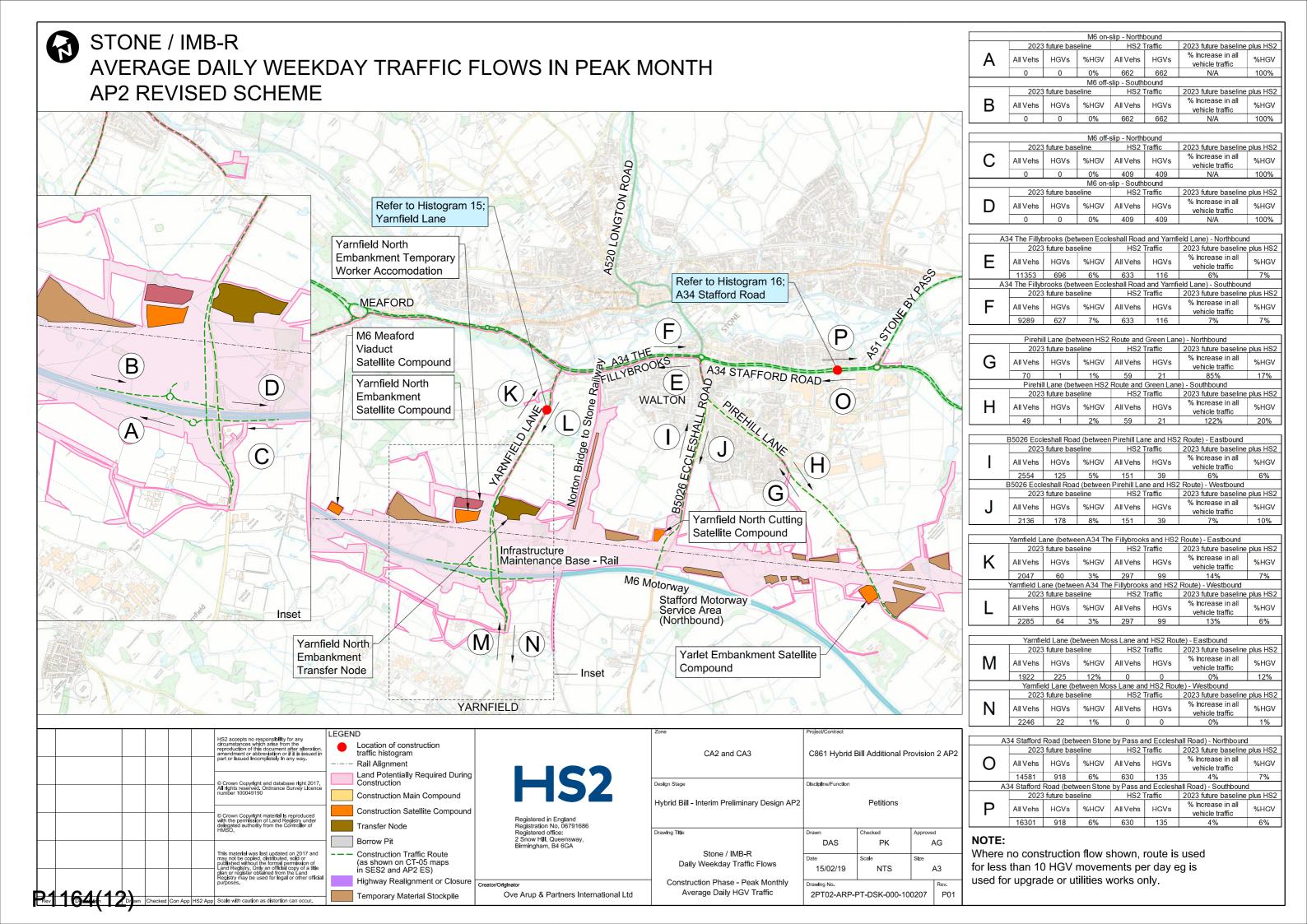
A513 Beaconside (between Marston Lane and Redhill Roundabout) - Eastbound									
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2			
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV		
	10233	637	6%	394	201	4%	8%		
A5	13 Beacons	side (betwe	en Marsto	n Lane and	Redhill Ro	undabout) - Westboun	d		
	2023	future bas	eline	HS2 T	Fraffic	2023 future baseline	plus HS2		
J	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV		
	10025	594	6%	394	201	4%	8%		

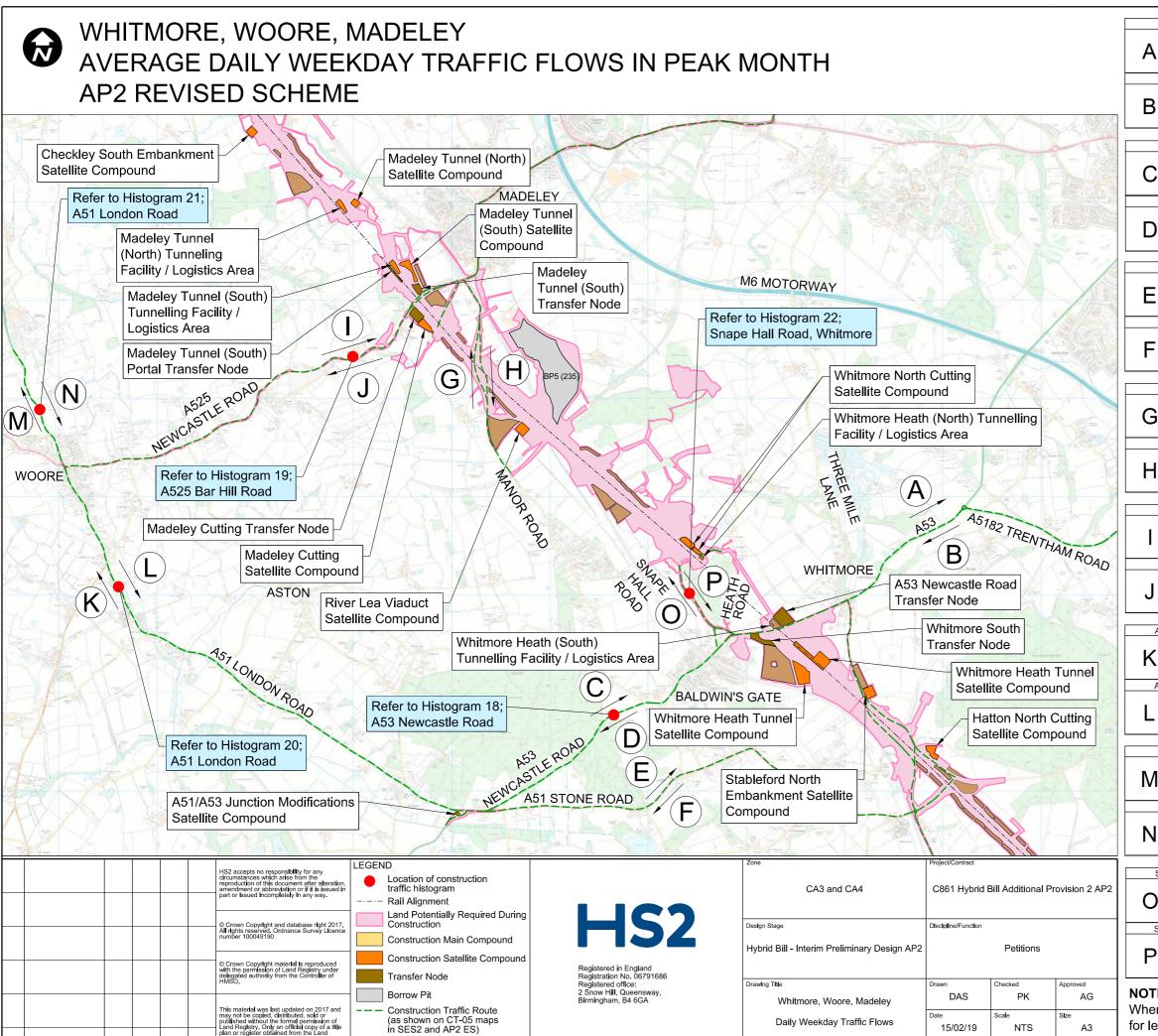
A34	Stone Roa	d (betweer	Redhill Ro	oundabout a	and Whitgre	eave Lane) - Northbou	nd
	2023	future bas	eline	HS2	Traffic	2023 future baseline plus HS2	
K	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	10137	594	6%	917	657	9%	11%
A34	Stone Roa	d (betweer	Redhill Ro	undabout a	and Whitgre	eave Lane) - Southbou	nd
	2023	future bas	eline	HS2 T	Traffic	2023 future baseline	plus HS2
L	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	11390	669	6%	917	657	8%	11%

A34 from M6 Roundabout at Creswell - Northbound													
	2023	future bas	eline	HS2	Fraffic	2023 future baseline plus HS2							
M	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	10283	1158	11%	1071	778	10%	17%						
		A34 from N	√16 Rounda	bout at Cre	swell - So	uthbound							
	2023	future bas	eline	HS2 T	Fraffic	2023 future baseline	plus HS2						
Ν	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	9364	967	10%	1071	778	11%	17%						

	A51 Londo	n Road (be	tween Utto	xeter Road	and Churc	h Lane) - Eastbound					
	2023	future bas	eline	HS21	Fraffic	2023 future baseline plus HS2					
O	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	6326	468	7%	451	253	7%	11%				
A51 London Road (between Uttoxeter Road and Church Lane) - Westbound											
	2023	future bas	eline	HS2	Fraffic	2023 future baseline plus HS2					
Ρ	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV				
	6426	484	8%	451	253	7%	11%				

NOTE:





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_				AJ) - Lasibuu	iiu		
Г		2023	3 future bas	eline	HS2	Fraffic	2023 future baseline plus HS2	
Α		All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
		7252	390	5%	487	359	7%	10%
				A53	- Westbou	nd		
		2023	3 future bas	eline	HS2	Fraffic	2023 future baseline	plus HS2
	В	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
		6782	425	6%	487	359	7%	11%

A53	3 Newcastle	e Road (be	tween Mad	deley Road	and Holly E	Bush Lane) - Eastboun	d					
	2023	future bas	eline	HS2	Fraffic	2023 future baseline plus HS2						
С	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	7022	332	5%	137	129	2%	6%					
A53	3 Newcastle	e Road (be	tween Mad	leley Road	and Holly E	Bush Lane) - Westboun	ıd					
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2						
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					
	6454	464	7%	137	129	2%	9%					
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV					

		A51 S	tone Road	(east of A5	3) - Eastbo	ound							
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2							
Ε	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	1488	48	3%	15	0	1%	3%						
		A51 S	tone Road	(east of A5	3) - Westb	ound							
	2023	future bas	eline	HS2 T	Fraffic	2023 future baseline plus HS2							
F	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	2294	82	4%	15	0	1%	4%						

	Mar	nor Road (b	etween Ba	ır Hill and H	S2 Route)	 Northbound 	
	2023	future bas	eline	HS21	raffic	2023 future baseline plus HS2	
G	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	586	16	3%	97	35	17%	8%
	Man	or Road (b	etween Ba	r Hill and H	S2 Route)	- Southbound	
	2023	future bas	eline	HS2 T	raffic	2023 future baseline plus HS2	
Н	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	590	21	4%	97	35	16%	8%

A5	25 Bar Hill	Road (bet	ween Grave	enhunger M	oss and H	S2 Route) - Eastbound	1
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2201	70	3%	134	128	6%	8%
A5	25 Bar Hill	Road (bety	veen Grave	enhunger M	oss and HS	S2 Route) - Westbound	d
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2	
J	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	2144	92	4%	134	128	6%	10%

A51	London Ro	ad (betwee	en Gravenh	unger Lane	and Newc	astle Road) - Northbou	ınd						
	2023	future bas	eline	HS2 T	Traffic	2023 future baseline plus HS2							
K	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	3693	148	4%	156	129	4%	7%						
A51 I	ondon Ro	ad (betwee	n Gravenh	unger Lane	and Newc	astle Road) - Southbou	und						
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2							
L	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV						
	3384	45	1%	156	129	5%	5%						

_								
	A5	1 London F	Road (betw	een Newca	astle Road	and Yew Tr	ree Lane) - Northbound	i
		2023	future bas	eline	HS2	Traffic	2023 future baseline plus HS2	
	M	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
		3020	52	2%	46	25	2%	3%
	A5	1 London F	Road (betw	een Newca	astle Road	and Yew Tr	ee Lane) - Southbound	d
		2023	future bas	eline	HS2	Traffic	2023 future baseline plus HS2	
	Ν	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
		2817	93	3%	46	25	2%	4%

2023 future baseline HS2 Traffic 2023 future baseline	Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane) - Northbound												
2023 lutule baseline H32 Hallic 2023 lutule baseline	plus HS2												
All Vehs HGVs %HGV All Vehs HGVs %Increase in all vehicle traffic	%HGV												
13 1 5% 88 2 678%	3%												
Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane) - Southboo	und												
2023 future baseline HS2 Traffic 2023 future baseline	plus HS2												
P All Vehs HGVs %HGV All Vehs HGVs %Increase in all vehicle traffic	%HGV												
13 0 0% 88 2 699%	2%												

NOTE:

2PT02-ARP-PT-DSK-000-100601

Construction Phase - Peak Monthly Average Daily HGV Traffic

CREWE AVERAGE DAILY WEEKDAY TRAFFIC FLOWS IN PEAK MONTH **AP2 REVISED SCHEME** CREWE Crewe South Crossovers Satellite Compound Basford Cutting Refer to Histogram 26; Transfer Node A500 NEWCASTLE ROAD A500 Newcastle Road E 4500 SHAVINGTON BYPASS == B $(\bar{\mathbf{D}})$ F WESTON Crewe South Portal G WESTON LANE Satellite Compound BARTHOMLEY **Basford Cutting** (H)Temporary Workers Accommodation Chorlton Cutting Satellite Compound SHAVINGTON Basford Cutting Main Compound West Coast Main Line ! CHORLTON LANE Creamery Bridge Satellite Compound HOUGH **BALTERLEY BALTERLEY** HEATH WEST HEATH LEGEND Location of construction traffic histogram CA4 and CA5 C861 Hybrid Bill Additional Provision 2 AP2 Rail Alignment Land Potentially Required During Construction Des**i**gn Stage Discipline/Function Construction Main Compound Hybrid Bill - Interim Preliminary Design AP2 Petitions Construction Satellite Compound Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA Transfer Node Drawing Title Borrow Pit DAS AG PK Crewe Construction Traffic Route (as shown on CT-05 maps in SES2 and AP2 ES) Daily Weekday Traffic Flows

Highway Realignment or Closure

Temporary Material Stockpile

Rev 1644 120 wn Checked Con App HS2 App Scale with caution as distortion can occur

Creator/OrlgInator

Ove Arup & Partners International Ltd

A500 N	lewcastle F	Road (between	een M6 jund	ction 16 and Meremoor Roundabout) - Eastbound				
	2023	future bas	eline	HS21	Traffic	2023 future baseline	plus HS2	
Α	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	17216	1293	8%	1273	786	7%	11%	
A500 N	ewcastle R	oad (betwe	en M6 jund	ction 16 and	d Meremoo	r Roundabout) - Westh	ound	
	2023	future bas	eline	HS2	Traffic	2023 future baseline	plus HS2	
В	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	18233	1396	8%	1273	786	7%	11%	

A50	0 Shavingtor	Bypass (b	etween A5	020 Westo	n Road an	d Main Road) - Eastbo	und	
		future bas			Fraffic	2023 future baseline plus HS2		
C	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	12933	842	7%	1049	765	8%	11%	
A500) Shavington	Bypass (b	etween A5	020 Westo	n Road and	d Main Road) - Westbo	ound	
	2023	2023 future baseline			Fraffic	2023 future baseline plus HS2		
D	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
	14473	647	4%	1049	765	7%	9%	

A500 S	Shavington	Bypass (b	etween HS:	2 Route an	d B5071 Ja	ack Mills Way) - Eastb	ound
	2023	future bas	eline	HS21	raffic	2023 future baseline	plus HS2
Ε	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	16389	881	5%	1049	765	6%	9%
A500 S	Shavington	Bypass (be	etween HS2	2 Route and	B5071 Ja	ack Mills Way) - Westb	ound
	2023	future bas	eline	HS2 T	raffic	2023 future baseline	plus HS2
F	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	16974	844	5%	1049	765	6%	9%

	A531 N	Newcastle F	Road (betw	een A500	Shavington	Bypass an	d Main Road) - Northb	ound	
		2023 future baseline			HS2 Traffic		2023 future baseline plus HS		
	G	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
		1770	39	2%	337	47	19%	4%	
	A531 N	lewcastle F	Road (betw	een A500 S	Shavington	Bypass an	d Main Road) - Southb	ound	
		2023 future baseline			HS2	Traffic	2023 future baseline plus HS2		
	Η	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV	
L		2307	26	1%	337	47	15%	3%	

Nev	vcastle Roa	ad (betwee	n Chorlton	Lane and A	531 Newca	astle Road) - Eastbour	nd
	2023	future bas	eline	HS2	Traffic	2023 future baseline plus HS	
	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3339	126	4%	160	47	5%	5%
New	castle Roa	ıd (betweei	n Chorlton I	ane and A	531 Newca	astle Road) - Westbou	nd
	2023	future bas	eline	HS2	Traffic	2023 future baseline	plus HS2
J	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV
	3309	125	4%	160	47	5%	5%

Casey Lane (between Back Lane and HS2 Route) - Northbound										
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2				
K	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV			
	456	4	1%	0	0	0%	1%			
	Case	y Lane (bet	ween Back	Lane and	HS2 Route) - Southbound				
	2023	future bas	eline	HS2 Traffic		2023 future baseline plus HS2				
L	All Vehs	HGVs	%HGV	All Vehs	HGVs	% Increase in all vehicle traffic	%HGV			
	363	2	1%	0	0	0%	1%			

NOTE:

15/02/19

rawing No.

Construction Phase - Peak Monthly

Average Daily HGV Traffic

NTS

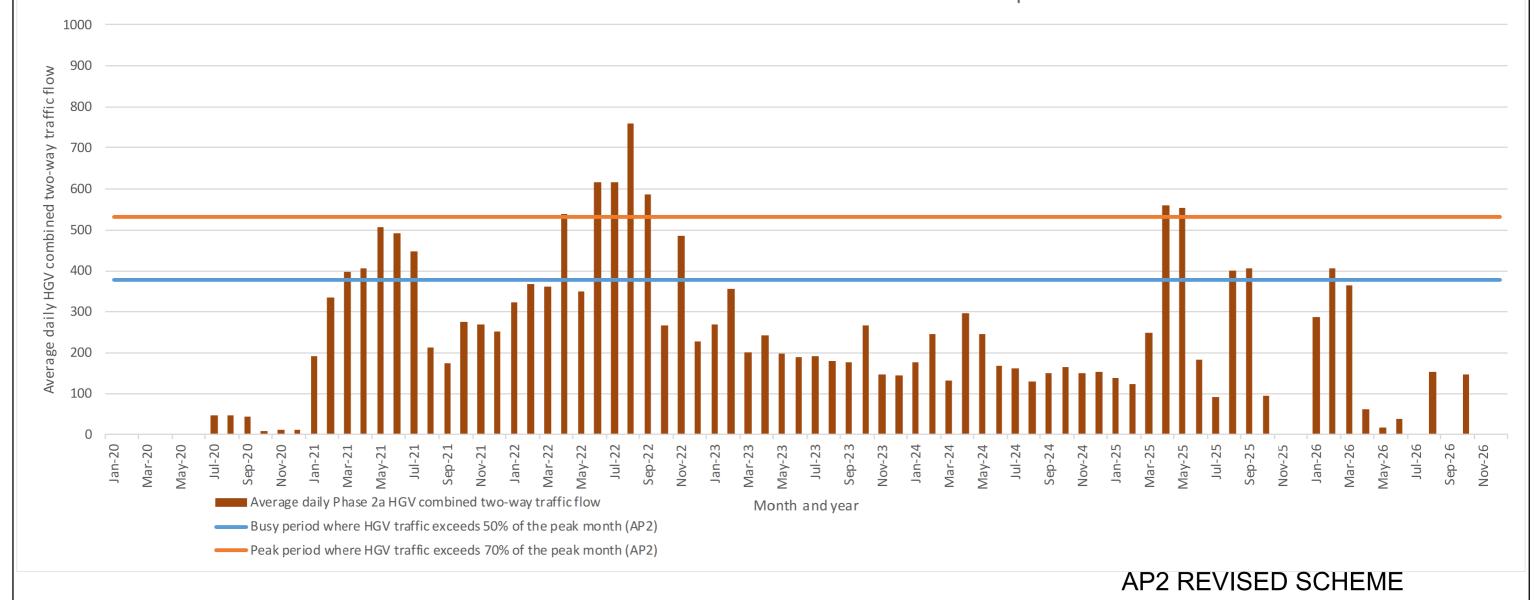
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А3

P01

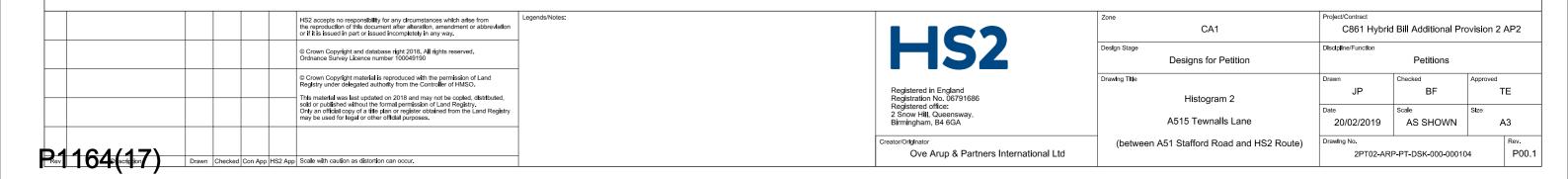
As a result of changes made under the AP2 Revised Scheme Histogram 1 is no longer applicable.

Lichfield The AP2 Revised Scheme - Histogram 1A Wood End Lane (between Gorse Lane and Netherstowe Lane) Reference E+F on Lichfield construction traffic flow map

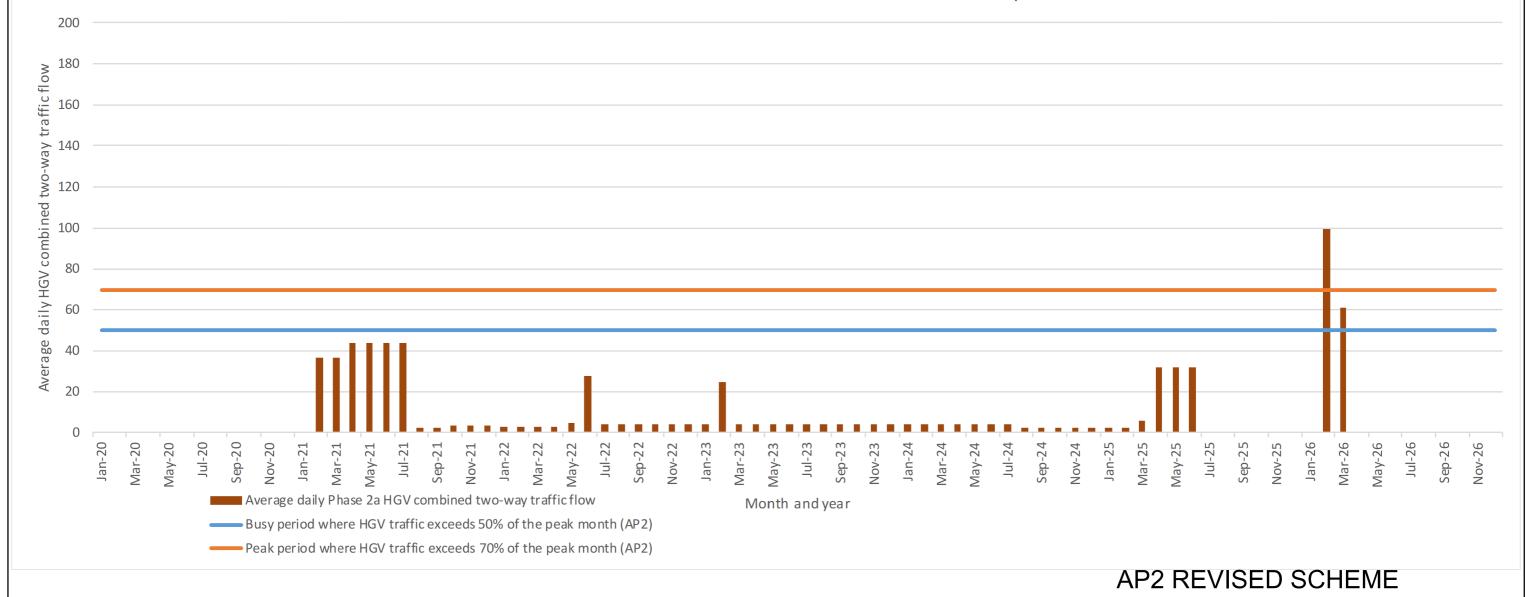


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Rev	164(ci46)	Drawn Check	d Con App	HS2 App	Scale with caution as distortion can occur.	Creator/OrlgInator Ove Arup & Partners International Ltd	(between Gorse Lane and AP2 Revised scheme)		I RP-PT-DSK-000-0001	02 Rev. P00.

Lichfield The AP2 Revised Scheme - Histogram 2 A515 Tewnalls Lane (between A51 Stafford Road and B5014 Lichfield Road) Reference G+H on Lichfield construction traffic flow map 2000 1800 trafficflow 1600 > 1400 > 1400 1200 Average daily HGV combined 1000 200 Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME**

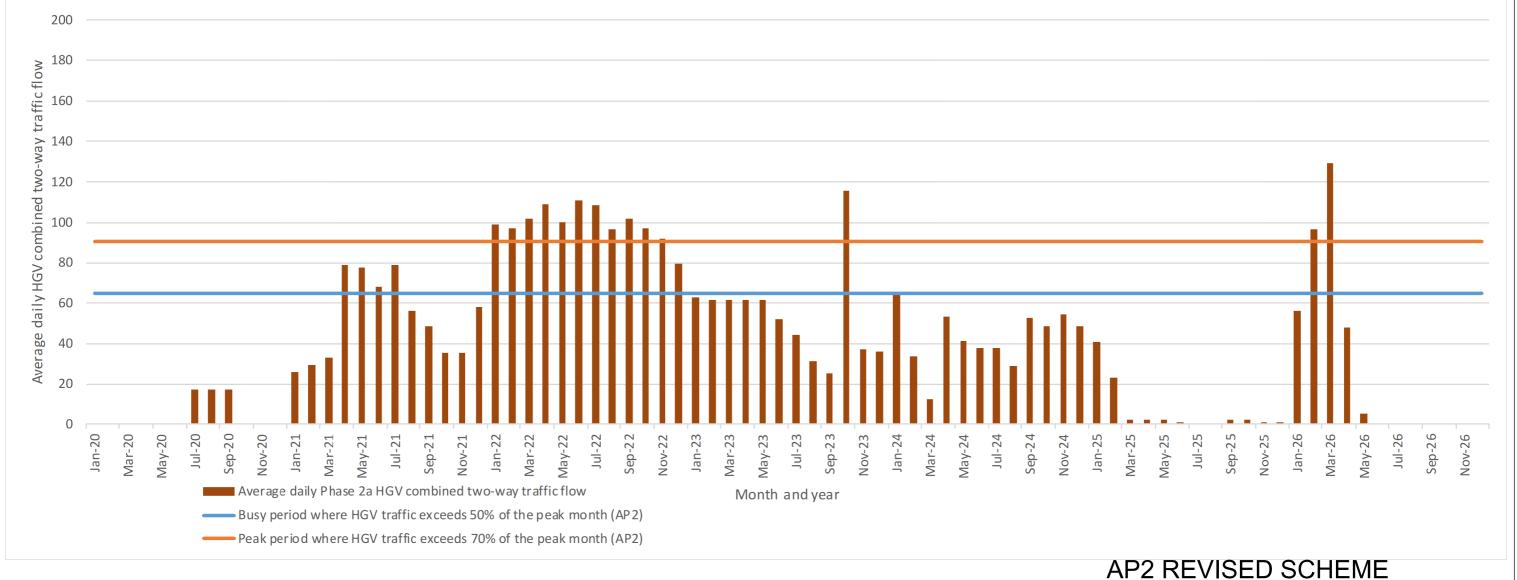


Lichfield The AP2 Revised Scheme - Histogram 2A B5014 Lichfield Road (between A515 Tewnalls Land and Shaw Lane) Reference O+P on Lichfield construction traffic flow map



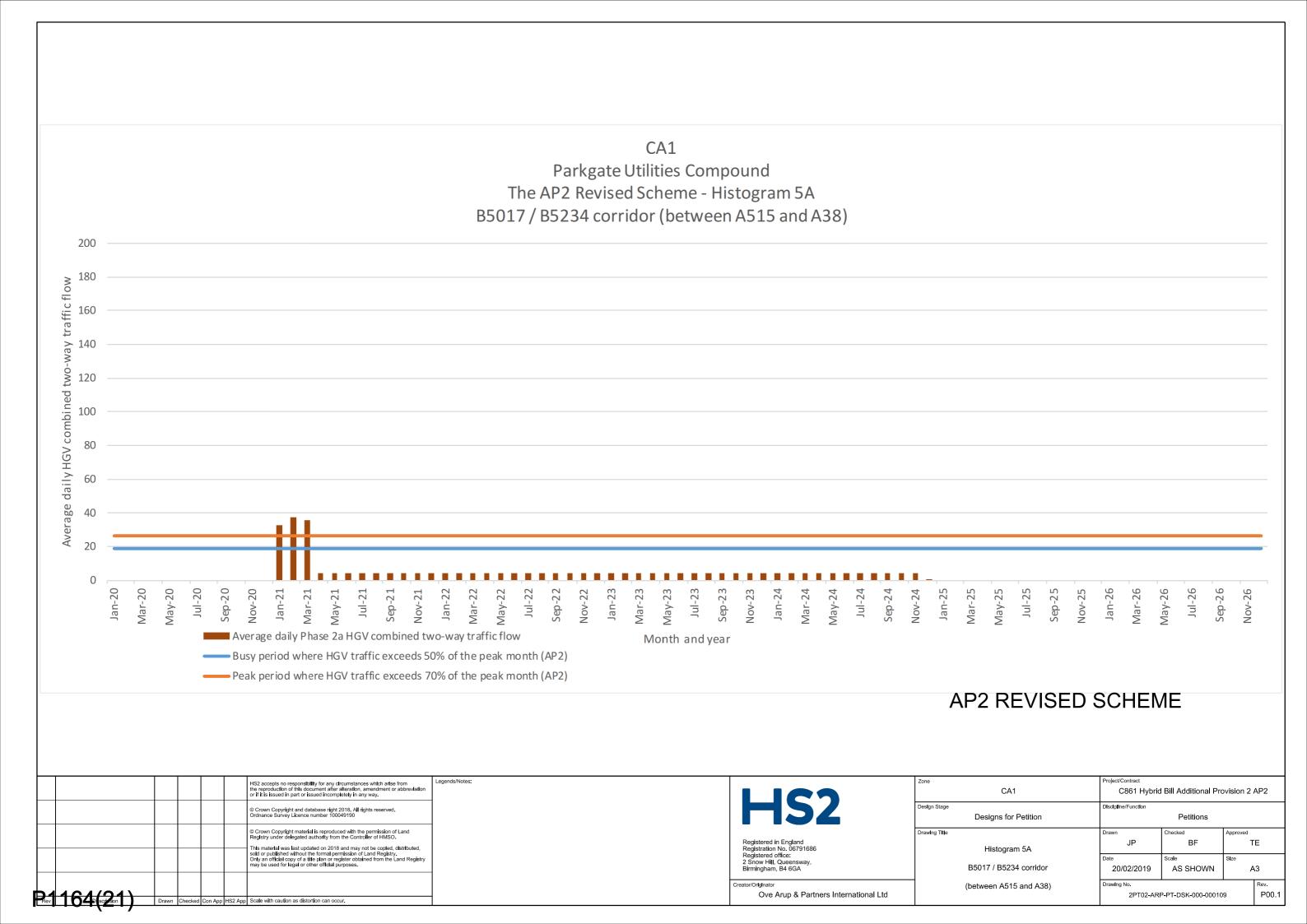
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Rev 1646 scrip to 8 Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Creator/Ortglnator Ove Arup & Partners International Ltd (between A515 Teewnalls Lane and Shaw Lane) Drawling No. 2PT02-ARP-PT-DSK-000-000105	Rev. P00

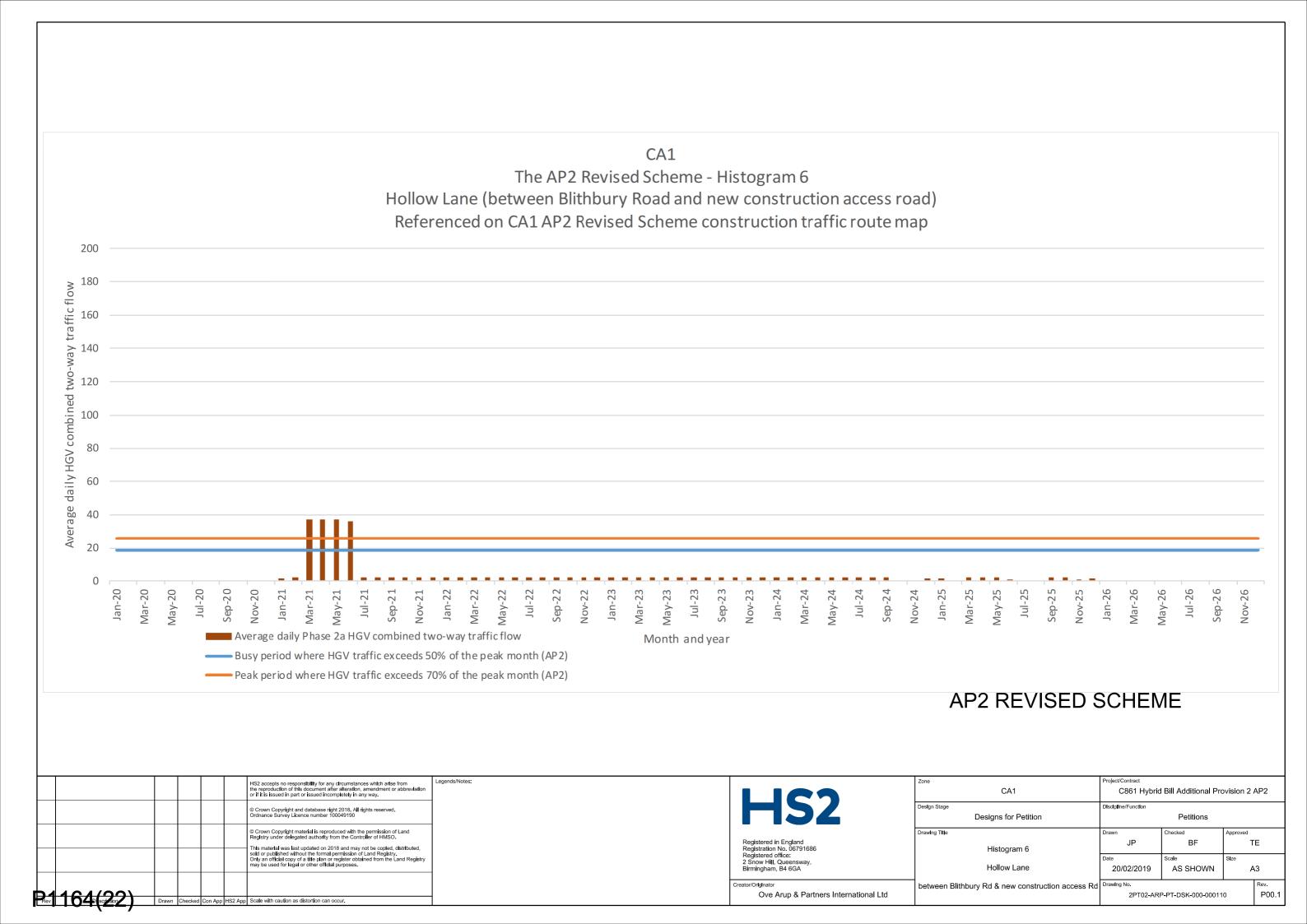
King's Bromley The AP2 Revised Scheme - Histogram 3 A513 Kings Bromley Lane (between HS2 Route and B5014 Uttoxeter Road) Reference E+F on King's Bromley construction traffic flow map

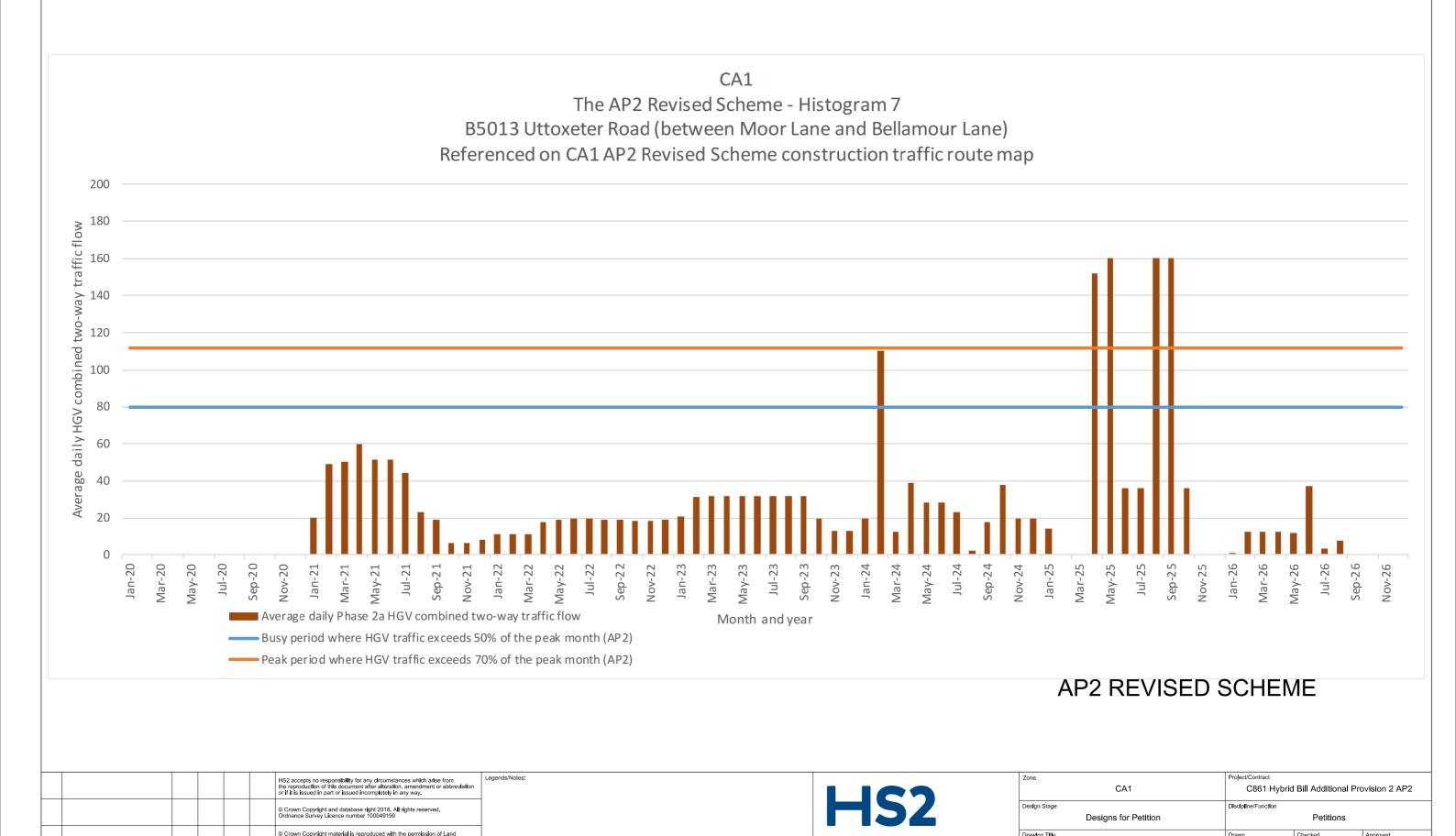


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Rev 1640 (scriptio9) Drawn Checked Con App HS2 App Scale with caution as distortion can occur.		Creator/Ortglnator Ove Arup & Partners International Ltd	(between HS2 Route and B5014 Uttoxeter Road)	Drawing No. 2PT02-AR	RP-PT-DSK-000-00010	Rev. P00.1

As a result of changes made under the AP1 Revised Scheme Histograms 4 and 5 are no longer applicable.







Pd 164(23)

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

TE

А3

P00.1

Histogram 7
B5013 Uttoxeter Road

(between Moor Lane and Bellamour Lane)

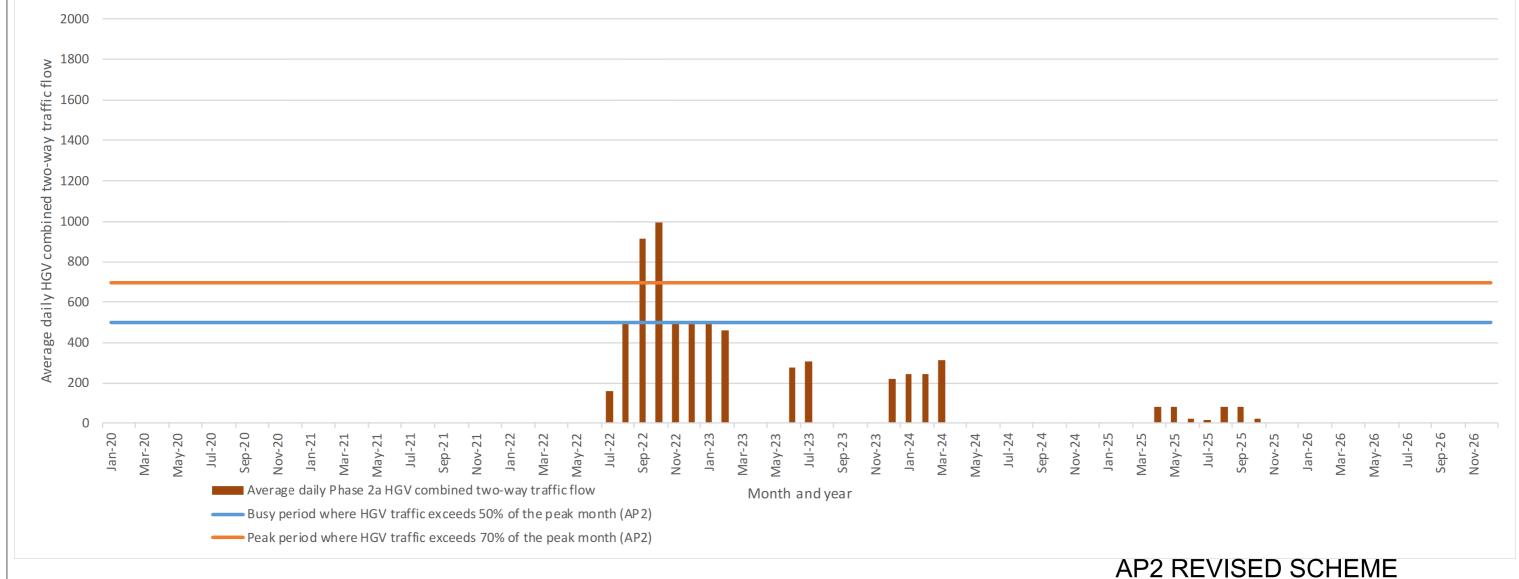
Ove Arup & Partners International Ltd

20/02/2019

AS SHOWN

2PT02-ARP-PT-DSK-000-000111

Great Haywood The AP2 Revised Scheme - Histogram 8 A51 Lichfield Road (between Little Tixall Lane and Tolldish Lane) Reference A+B on Great Haywood construction traffic flow map



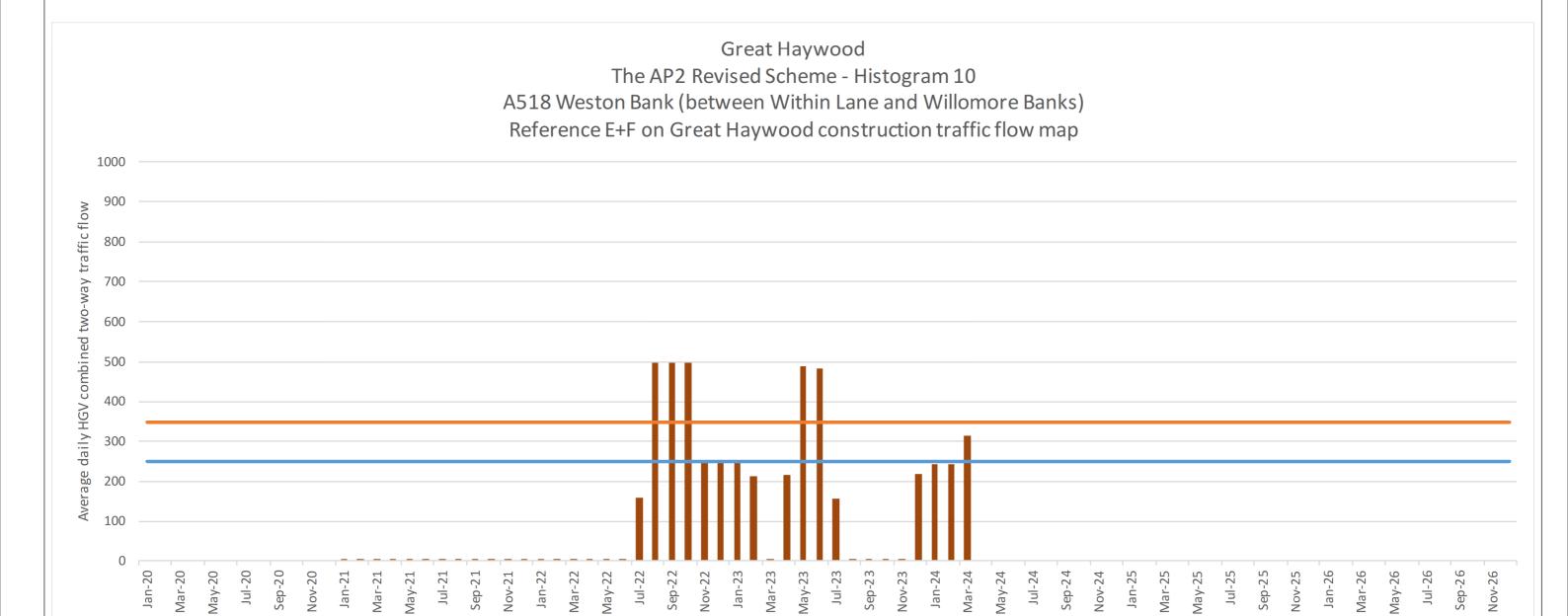
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Prev 1 1640 (scare 4) Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Birmingham, B4 6GA Creator/Originator Ove Arup & Partners International Ltd	(between Little Tixall Lane and Tolldish Lane)	20/02/2019 Drawling No. 2PT02-AR	AS SHOWN P-PT-DSK-000-0001	A3 Rev. P00.

Great Haywood The AP2 Revised Scheme - Histogram 9 A51 London Road (between Hoo Mill Lane and HS2 Route) Reference C+D on Great Haywood construction traffic flow map 2000 v traffic flow → 1400 1200 Average daily HGV combined 1000 200 Sep-22 Jul-23 Sep-23 Sep-24 Mar-20 Nov-21 Jul-22 Jan-23 Mar-24 Jul-24 Nov-24 May-25 Jul-21 Average daily Phase 2a HGV combined two-way traffic flow Month and year

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Prev 1646 scale 5 Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Creator/Ortglnator Ove Arup & Partners International Ltd	(between Hoo Mill Lane and HS2 Route)	Drawing No.	P-PT-DSK-000-0001	Rev.

Busy period where HGV traffic exceeds 50% of the peak month (AP2)
 Peak period where HGV traffic exceeds 70% of the peak month (AP2)



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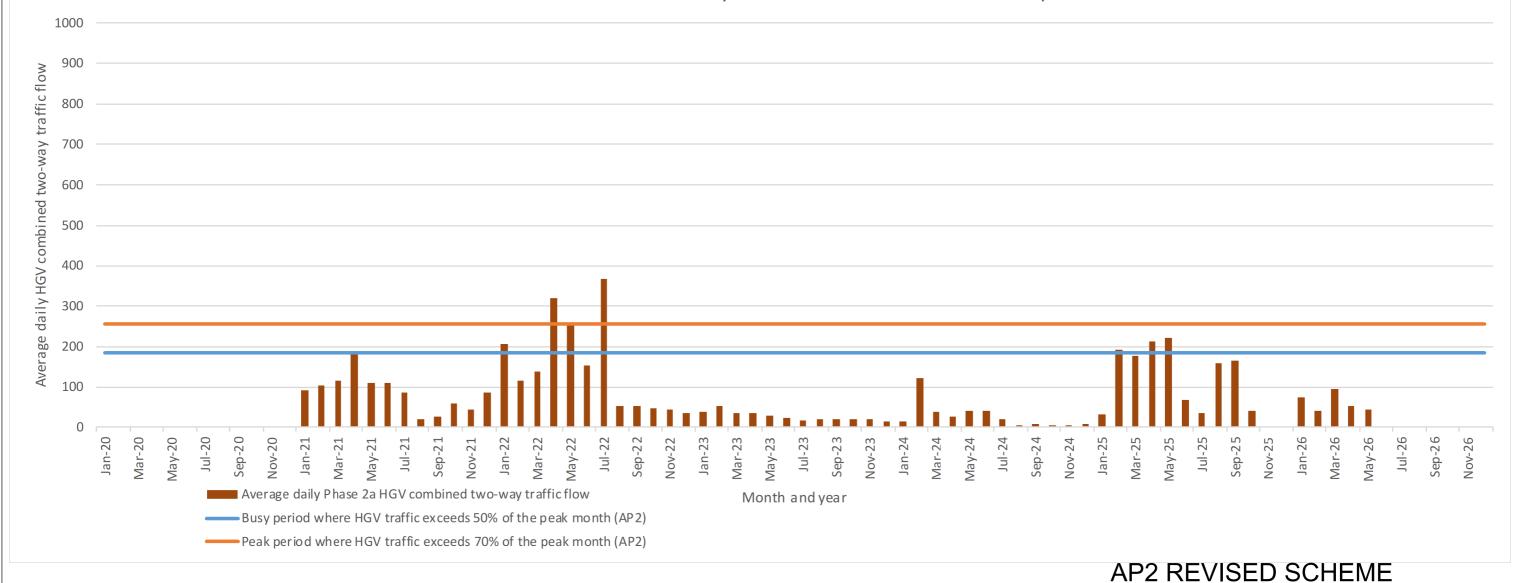
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	or register obtained from the Land Registry	Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA	A518 Weston Bank	Date 20/02/2019	Scale AS SHOWN	Size A3
			_			
D44C4(OC)		Creator/Orlginator Ove Arup & Partners International Ltd	(between Within Lane and Weston Bank)	Drawing No. 2PT02-Al	RP-PT-DSK-000-0001)114 P00.
Rev 1640 science Drawn Checked Con App HS2 App Scale with caution as distortion ca	an occur.	Ovo / tap a 1 artifolo international Eta		21 102 70	11 1 DON 000 000	114

Month and year

Average daily Phase 2a HGV combined two-way traffic flow

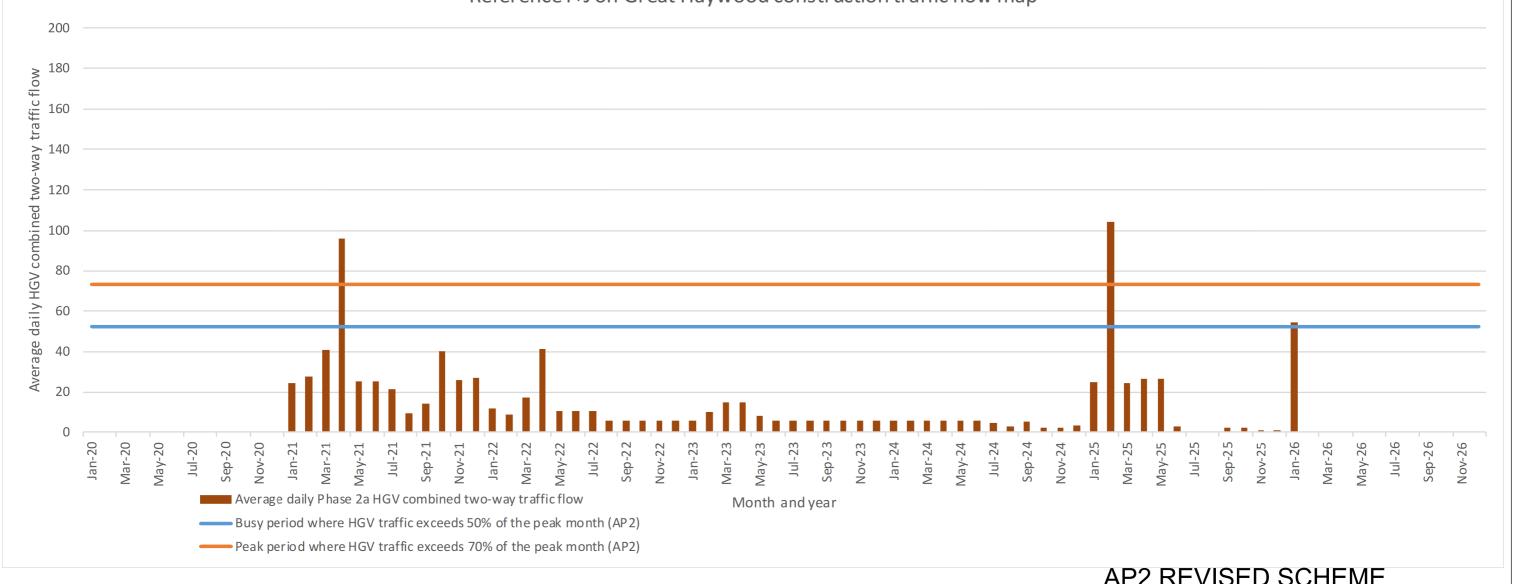
Busy period where HGV traffic exceeds 50% of the peak month (AP2)
 Peak period where HGV traffic exceeds 70% of the peak month (AP2)

Great Haywood The AP2 Revised Scheme - Histogram 11 A518 Weston Road (between Blackheath Lane and Hydrant Way) Reference G+H on Great Haywood construction traffic flow map



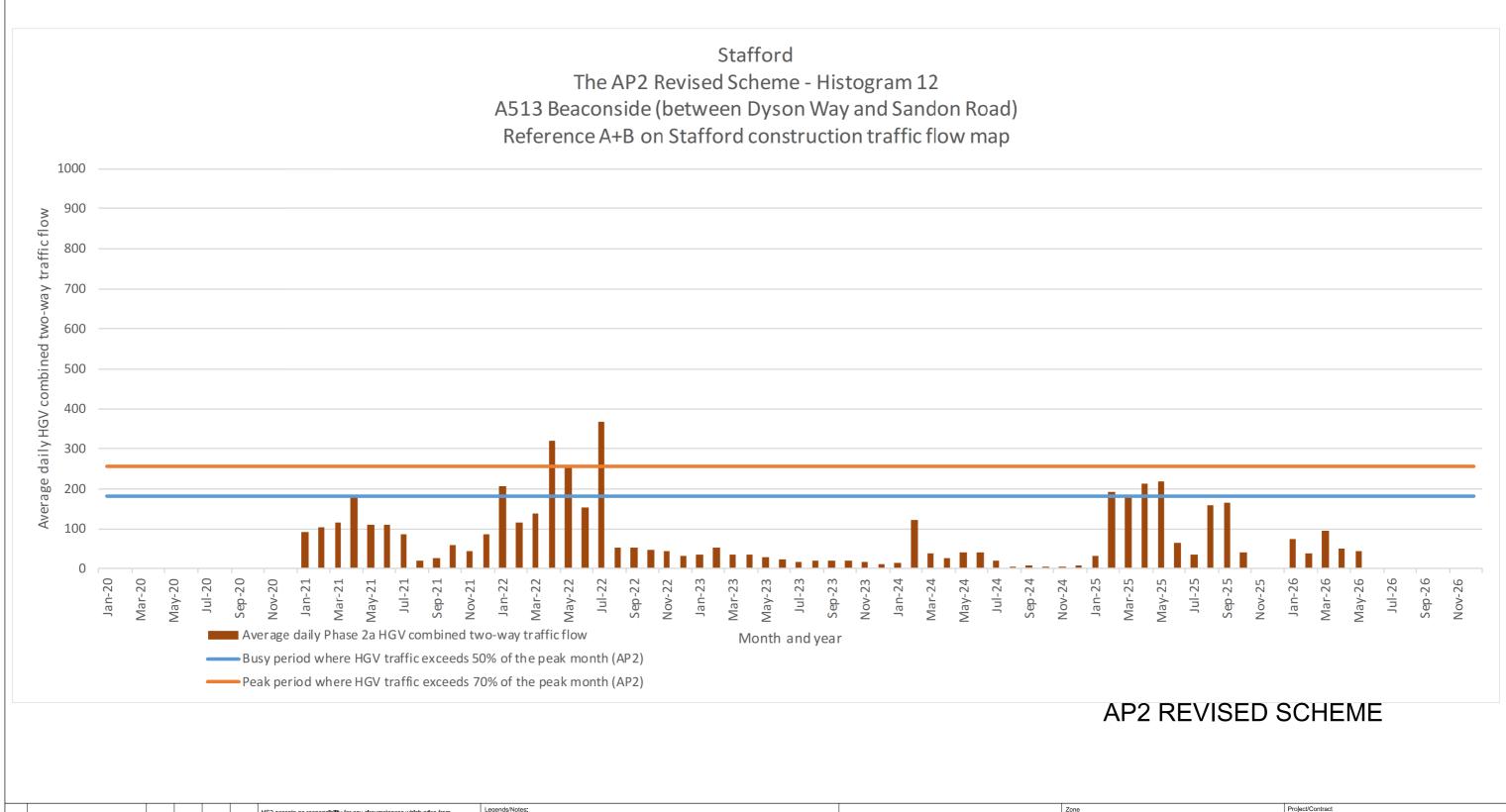
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Prev 1640(scaling) Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Creator/Originator Ove Arup & Partners International Ltd	(between Blackheath Lane and Hydrant Way)	Drawling No. 2PT02-AF	P-PT-DSK-000-0001	Rev. P00.1

Great Haywood The AP2 Revised Scheme - Histogram 11A Great Haywood Road (between Ingestre Park Road and Holdiford Road) Reference I+J on Great Haywood construction traffic flow map

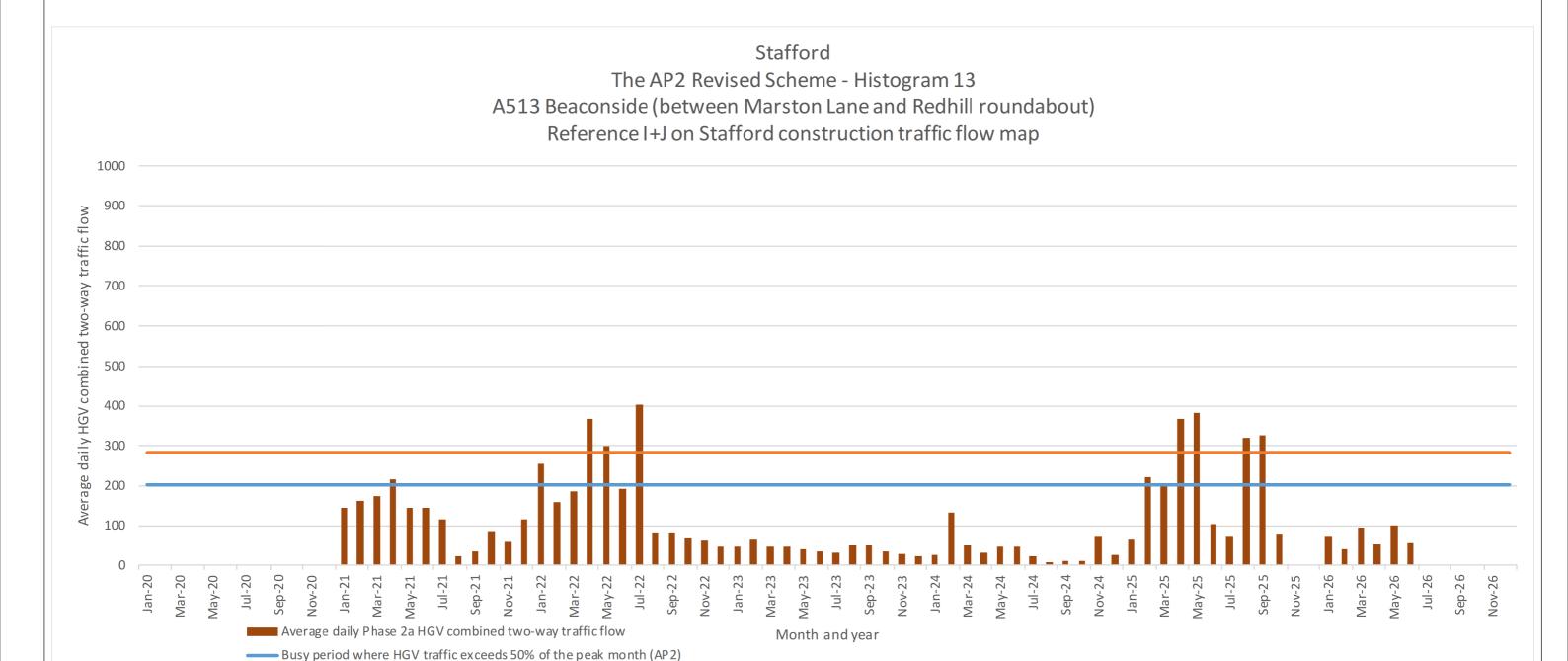


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Rev 164 (scarto 8) Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Creator/Ortglnator Ove Arup & Partners International Ltd (between Ingestre Park Road and Holdiford Road) 2PT02-	Drawlng No. 2PT02-ARP-PT-DSK-000-000116	





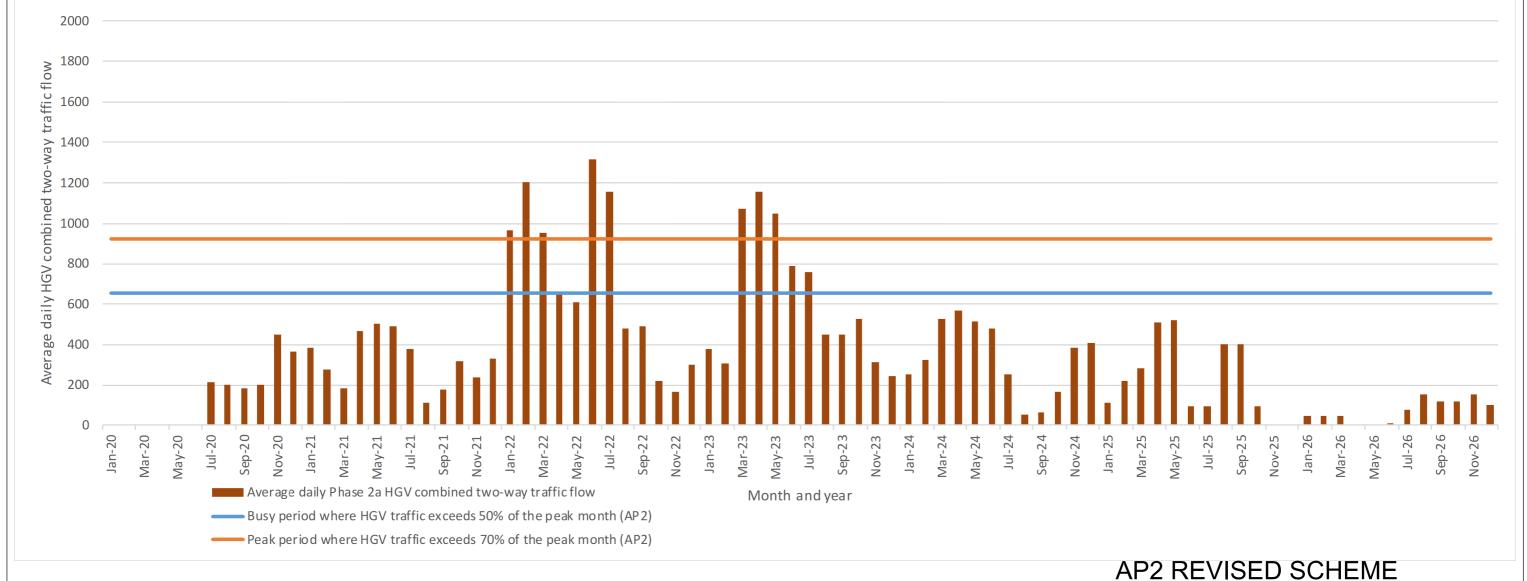


AP2 REVISED SCHEME

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Rev 164 script O Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Creator/Orlginator Ove Arup & Partners International Ltd	(between Marston Lane and Redhill roundabout)	Drawing No. 2PT02-ARP-PT-DSK-000-000118		18 Rev. P00.1

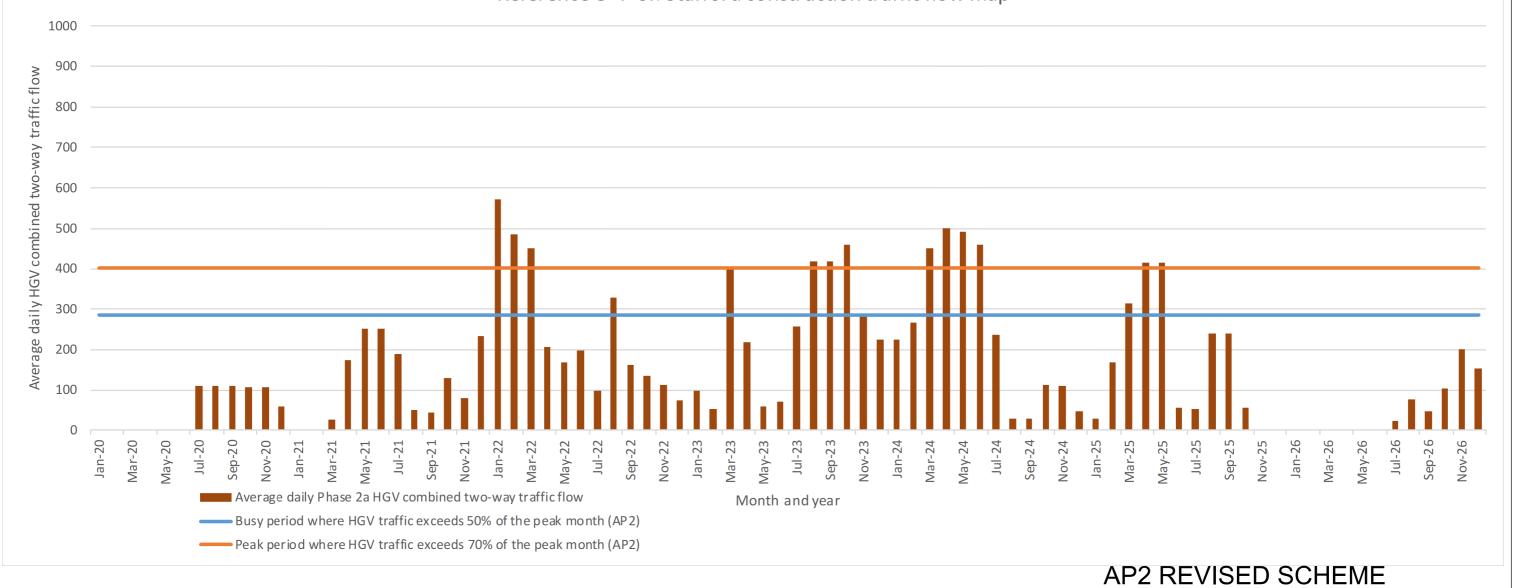
Peak period where HGV traffic exceeds 70% of the peak month (AP2)

Stafford The AP2 Revised Scheme - Histogram 14 A34 Stone Road (between Redhill Roundabout and Whitgreave Lane) Reference K+L on Stafford construction traffic flow map



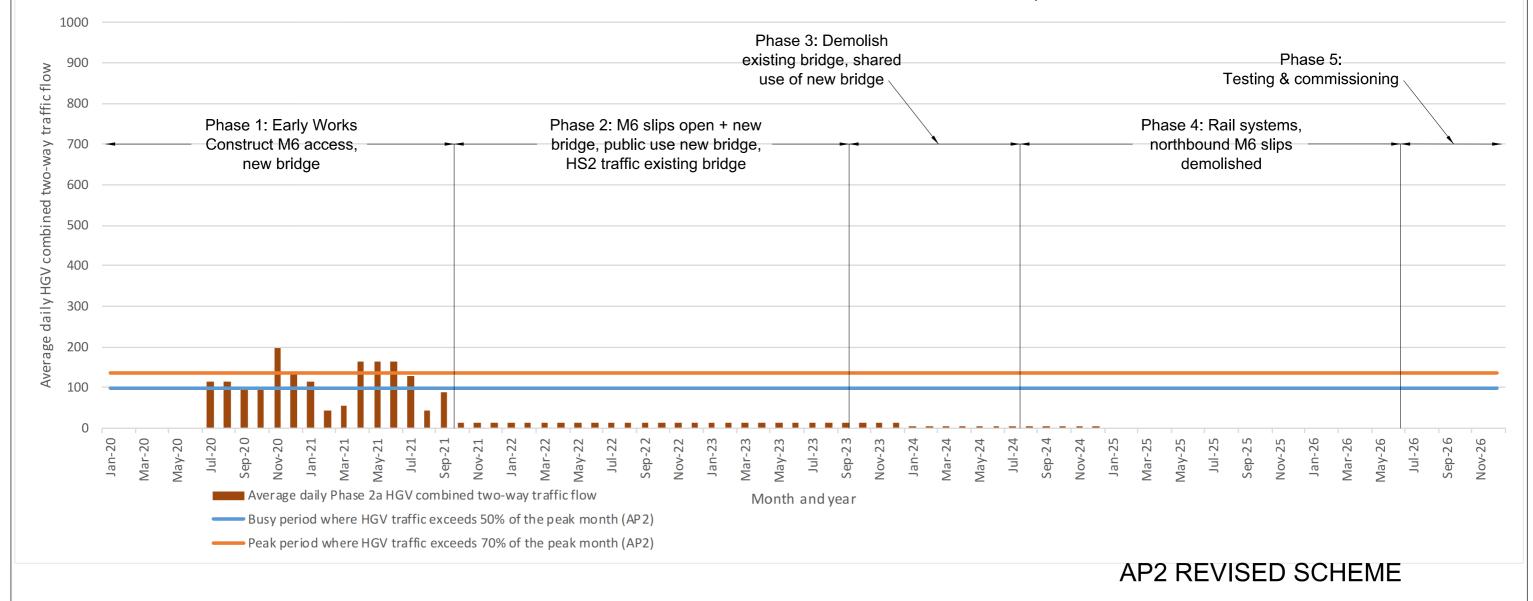
Zone CA2	Project/Contract C861 Hybrid E	Bill Additional Provision 2	ı 2 AP2
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Registered in England Registration No. 06791686 Registred office: Histogram 14	Drawn JP	Checked Approved BF	#d TE
2 Snow Hill, Queensway, Birmingham, B4 6GA A34 Stone Road	20/02/2019	AS SHOWN	A3
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Great Haywood The AP2 Revised Scheme - Histogram 14A A51 London Road (between A518 Uttoxeter Road and Church Lane) Reference O+P on Stafford construction traffic flow map



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	Creator/Orlginator	(between A518 Uttoxeter Road & A34 Stafford Road	/	D DT DOV 000 00046	Rev.
Rev 1 1 6 4 scripting Drawn Checked Con App HS2 App Scale with caution as distortion can occur.	Ove Arup & Partners International Ltd		2P102-AF	RP-PT-DSK-000-00012	20 P00.1

Stone/IMB-R The AP2 Revised Scheme - Histogram 15 Yarnfield Lane (between A34 The Fillybrooks and HS2 route) Reference K+L on Stone/IMB-R construction traffic flow map



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D1	164(33)	Day Obstacle	LION AND LION	may be used for legal or other official purposes.		Birmingham, B4 6GA Creator/Orliginator Ove Arup & Partners International Ltd	Yarnfield Lane (between Ashdale Park and A34 The Fillybrooks)	20/02/2019 AS SHOWN Drawling No. 2PT02-ARP-PT-DSK-000-000121		A3 Rev. P00.1
Rev	104(3)	Drawn Checked C	on App HS2	App Scale with caution as distortion can occur.		1				

Stone/IMB-R The AP2 Revised 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 1000 900 trafficflow 800 700 daily HGV combined two-way 600 500 400 300 Average Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME** 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. CA2 C861 Hybrid Bill Additional Provision 2 AP2 Designs for Petition Petitions TE Histogram 16

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A34 Stafford Road

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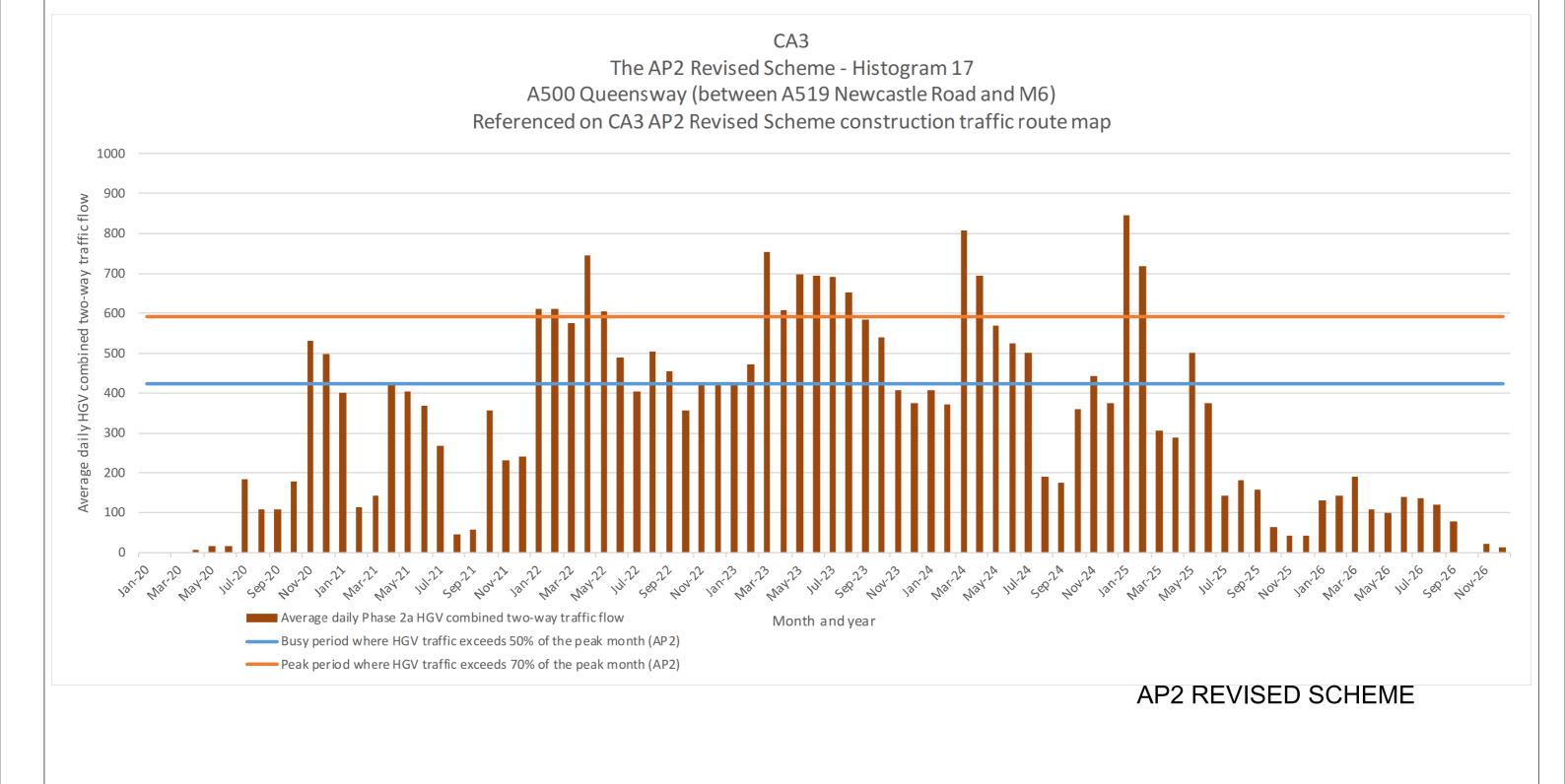
(between A51 Stone Bypass & B5026 Eccleshall Rd) Drawing No

20/02/2019

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Designs for Petition

Histogram 17
A500 Queensway

(between A519 Newcastle Road and M6)

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Petitions

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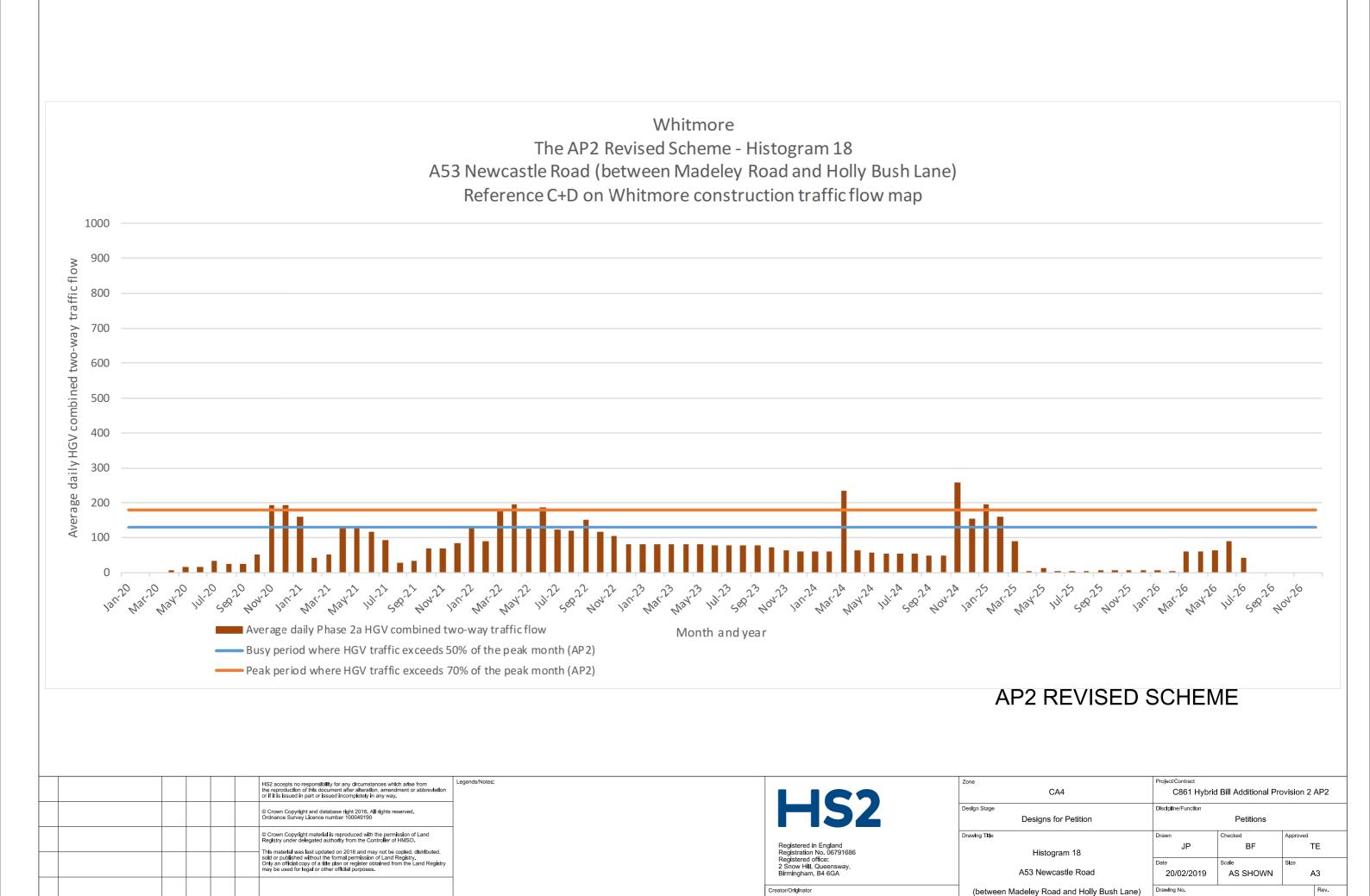
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Pd 164(35)



Pal 164(36)

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Whitmore The AP2 Revised Scheme - Histogram 19 A525 Bar Hill Road (between Gravenhunger Moss and HS2 Route) Reference I+J on Whitmore construction traffic flow map 1000 900 trafficflow 800 700 daily HGV combined two-way 600 500 400 300 Average Sep-25 Mar-20 May-20 Jul-24 Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME** 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. CA4 C861 Hybrid Bill Additional Provision 2 AP2

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Histogram 19 A525 Bar Hill Road

(between Gravenhunger Moss and HS2 Route)

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Petitions

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Whitmore The AP2 Revised Scheme - Histogram 20 A51 London Road (between Gravehunger Lane and Newcastle Road) Reference K+L on Whitmore construction traffic flow map 1000 900 trafficflow 800 600 daily HGV combined 500 400 300 100 Mar-20 May-20 Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME** 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. CA4 C861 Hybrid Bill Additional Provision 2 AP2

Pd 164(38)

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Designs for Petition

Histogram 20 A51 London Road

(between London Road and Newcastle Road)

Ove Arup & Partners International Ltd

Petitions

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Whitmore The AP2 Revised Scheme - Histogram 21 A51 London Road (between A525 Newcastle Road and Yew Tree Lane) Reference M+N on Whitmore construction traffic flow map 200 traffic flow daily HGV combined 100 60 Average Jan-20 Mar-20 May-20 Jul-20 Jul-24 Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME** 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. CA4 C861 Hybrid Bill Additional Provision 2 AP2 Designs for Petition Petitions

Pal 164(39)

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Histogram 21
A51 London Road

(between A525 Newcastle Road & Yew Tree Lane)

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Whitmore The AP2 Revised Scheme - Histogram 22 Snape Hall Road, Whitmore (between HS2 Route and Birch Tree Lane) Reference O+P on Whitmore construction traffic flow map 200 traffic flow 180 > 140) 120 Average daily HGV combined 100 20 Sep-25 Average daily Phase 2a HGV combined two-way traffic flow Month and year Busy period where HGV traffic exceeds 50% of the peak month (AP2) Peak period where HGV traffic exceeds 70% of the peak month (AP2) **AP2 REVISED SCHEME** 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. C861 Hybrid Bill Additional Provision 2 AP2 Designs for Petition Petitions

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Histogram 22
Snape Hall Road, Whitmore

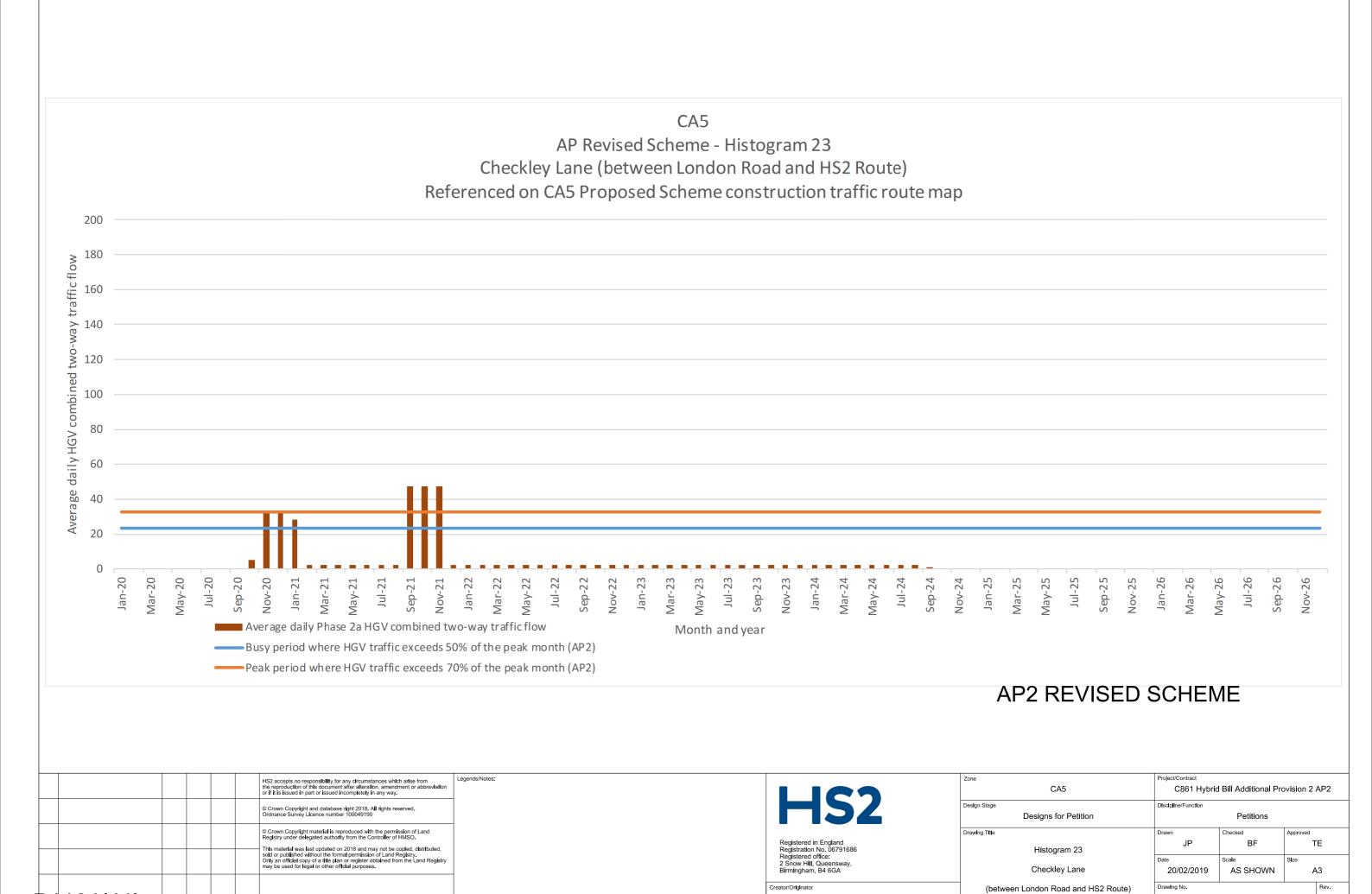
(between HS2 Route and Birch Tree Lane)

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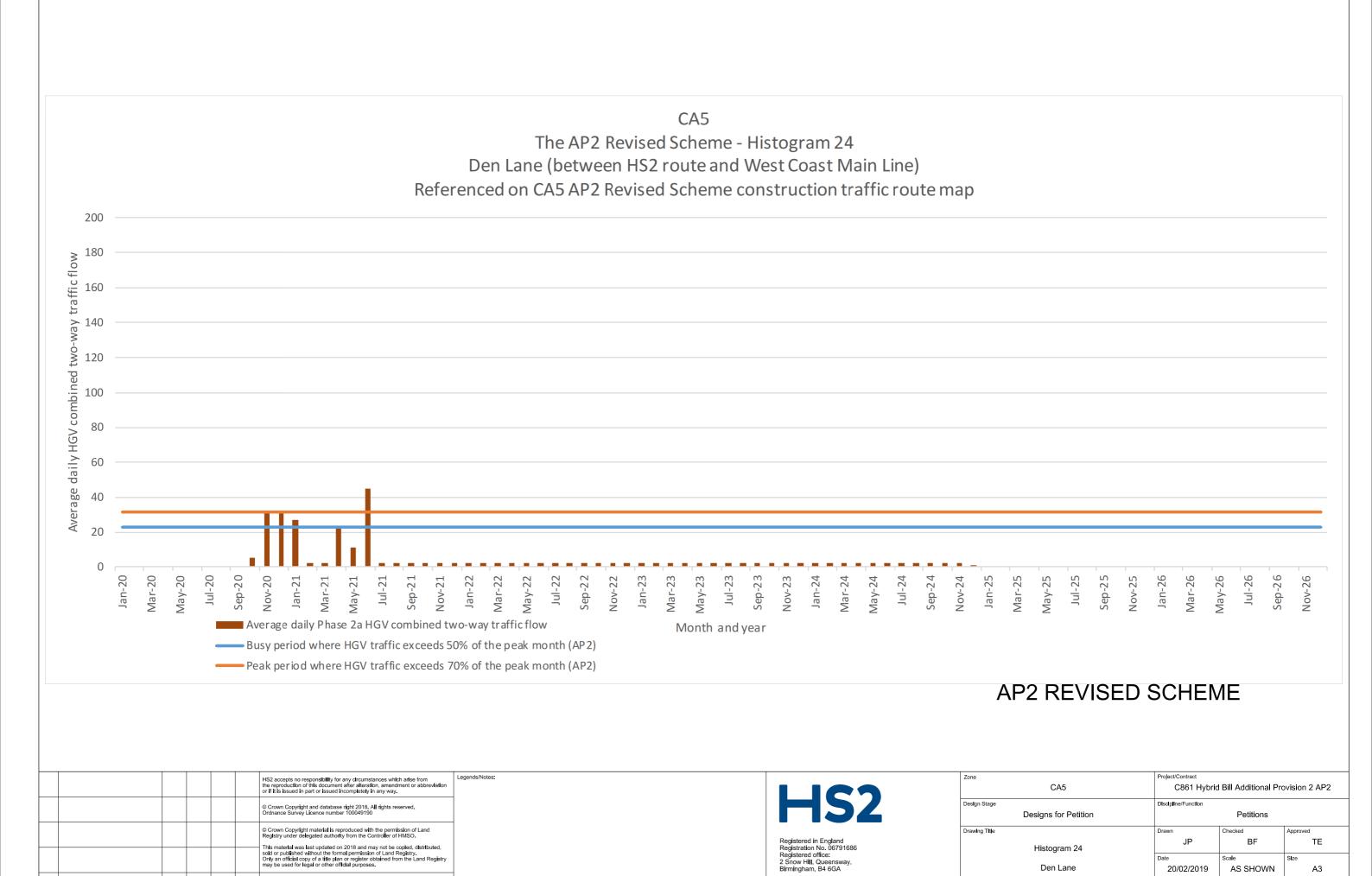
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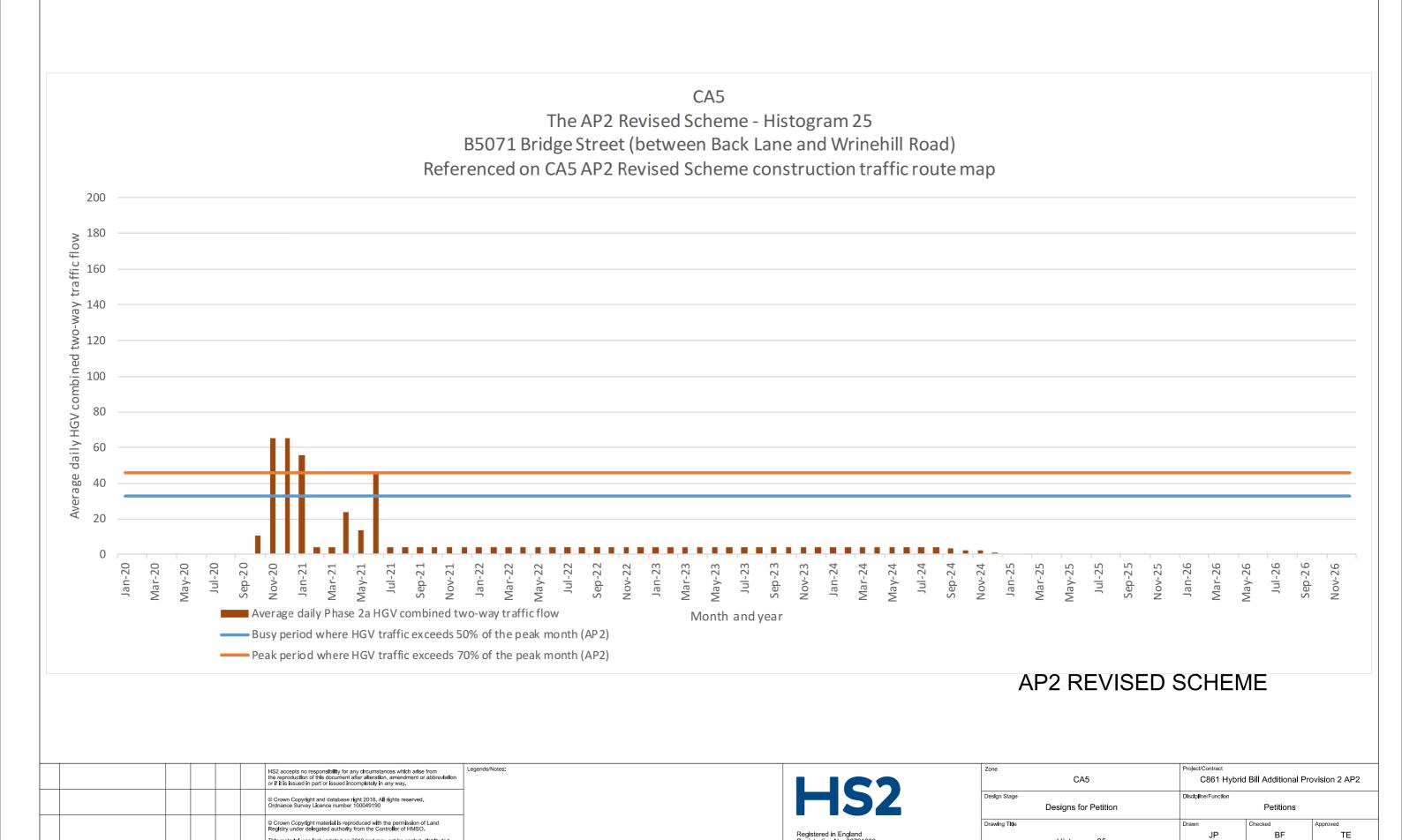
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(between HS2 route and West Coast Main Line)

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Histogram 25
B5071 Bridge Street

(between Back Lane and Wrinehill Road)

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