

ashleyhelme

Land off Bangor Road,
Johnstown, Wrexham

Appendices to the
Transport Sustainability
Evidence
of Benjamin Jackson,
Ashley Helme Associates Ltd



March 2016

Report Reference 1232/5/B

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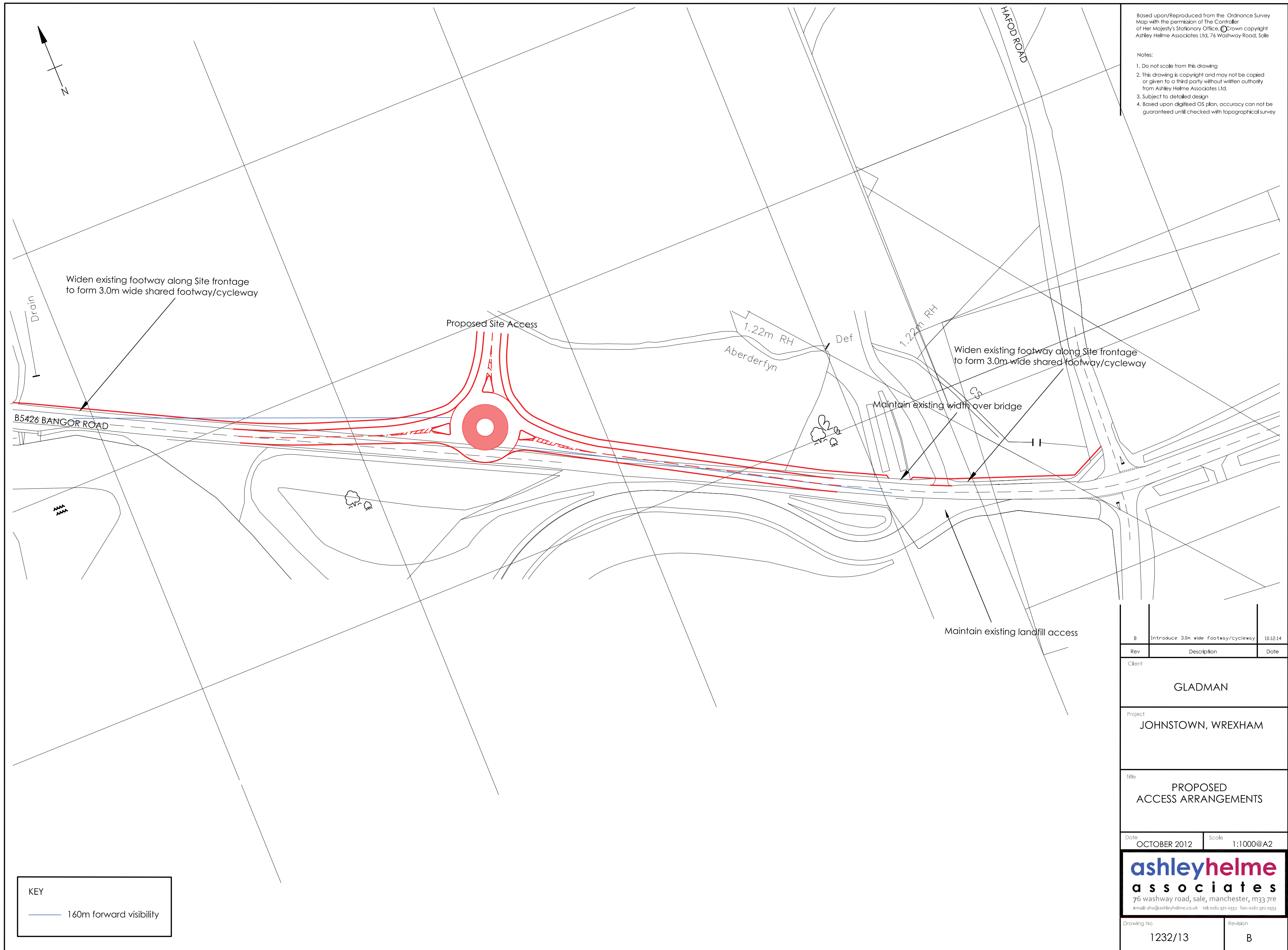
B Drg No 1232/13/B

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B	Introduce 3.0m wide Footway/cycleway	10.12.14
Rev	Description	Date
Client		
GLADMAN		
Project		
JOHNSTOWN, WREXHAM		
Title		
PROPOSED ACCESS ARRANGEMENTS		
Date		Scale
OCTOBER 2012		1:1000@A2
ashleyhelme associates 76 washway road, sale, manchester, m33 7re email: aha@ashleyhelme.co.uk tel: 0161 972 0552 fax: 0161 972 0553		
Drawing No		Revision
1232/13		B

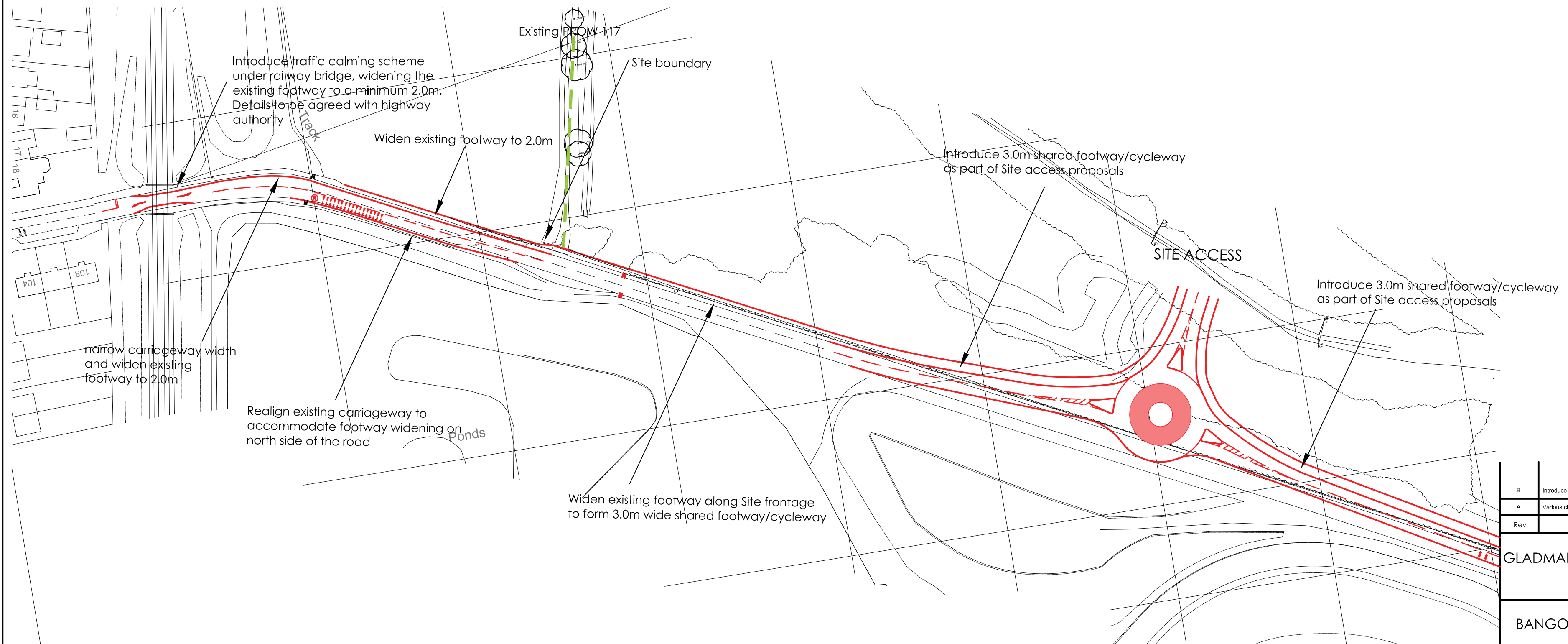
C Drg No 1232/18/B

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B	Introduce 3.0m wide footway/cycleway	10.12.14
A	Various changes	14.08.14
Rev		Date

GLADMAN DEVELOPMENTS LTD

BANGOR ROAD, WREXHAM

Title
PROPOSED FOOTWAY
IMPROVEMENT SCHEME

Date OCT 2013	Scale 1:1000@A2
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ashleyhelme
associates
76 washway road, sale, manchester, m33 7re
email: aha@ashleyhelme.co.uk tel: 0161 972 0552 fax: 0161 972 0553

Drawing No 1232/18	Revision B
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D Drg No 1232/20

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Project	BANGOR ROAD, WREXHAM	Client	GLADMAN DEVELOPMENTS	Drawing No	1232/20	Rev	
Title	PROPOSED FOOTWAY/CYCLE WAY: BANGOR ROAD/HAFOD ROAD			Date	APRIL 2015	Scale	1:1250@A2
				ashleyhelme associates 76 washway road, sale, manchester, m33 7re e: aha@ashleyhelme.co.uk t: 0161 972 0552 f: 0161 972 0553			

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Households with a car are more likely to own a motorcycle as well than households with no car. Overall in 2012, 2.6% of households owned a motorcycle.

Detailed statistics (tables and charts) on "trends in driving licence holding and vehicle availability" can be found on the National Travel Survey web page in table numbers [NTS0201](#) to [NTS0207](#).

3. How people travel

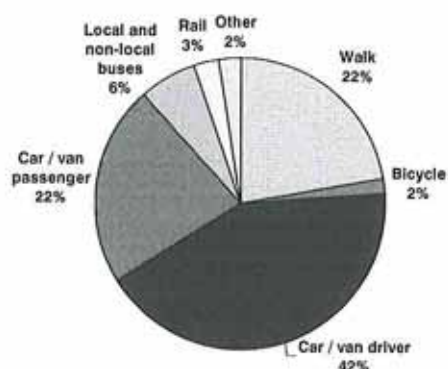
This section presents statistics on how residents of Great Britain travelled in 2012. The statistics include a breakdown of trips and distance travelled by private and public transport modes.

Overall in 2012, there were an average of 954 trips per person per year, 1,054 stages¹, 6,691 miles travelled, and an average trip length of 7.0 miles. Of all trips made in 2012, 20% were less than one mile in length, 66% less than 5 miles and 95% were less than 25 miles.

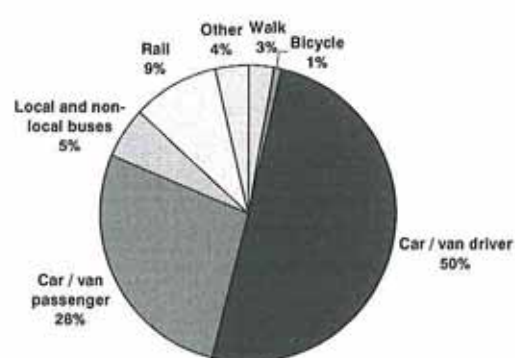
Mode share: Great Britain, 2012

(NTS web tables [NTS0301](#) and [NTS0302](#))

Average number of trips



Average distance travelled



The mode share chart on the left shows the proportion of all trips taken by different modes of transport. In 2012, 64% of all trips were made by car (as a driver or a passenger).

Car travel again forms the largest proportion when the mode share chart as presented in terms of distance travelled. In 2012, 78% of total distance travelled was by car.

Buses (both local and non-local) account for a greater proportion of all trips than rail (both surface rail and London Underground) at 6% and 3% respectively. However, as bus trips on average are shorter in length, they account for only 5% of total distance travelled whereas rail accounts for 9%.

Private modes of transport

In 2012, 89% of all trips were by private transport modes. Trips by private transport modes have made the largest downward contribution to the decline in overall trip rates since 1995/97 with a

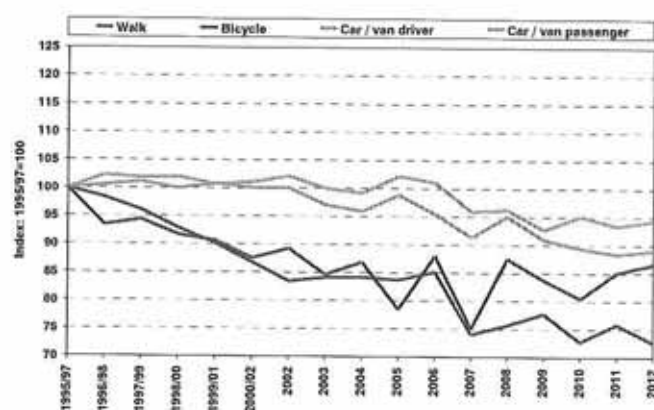
¹ A trip consists of one or more stages. A new stage is defined when there is a change in the form of transport or vehicle requiring a separate ticket.

14% fall; walking trips in particular fell significantly. In 2012, the average number of walking trips was 212 trips per person per year compared with 292 trips in 1995/97, a decrease of 27% and the lowest trip rate over this time period. Of all trips less than one mile in length 77% were walking trips.

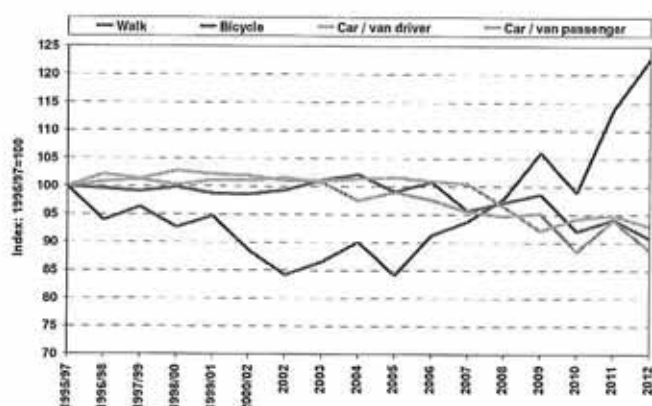
Presenting trip rate and distance travelled data as indices means that the change in the number of walking trips since 1995/97 can be compared with the change in other private transport modes such as car/van travel (as a driver or passenger) and cycling.

Selected private transport modes - index: Great Britain, 1995/97 to 2012 (NTS web tables [NTS0103](#) and [NTS0105](#))

Average number of trips - index



Average distance travelled – index



The index chart on the left shows that between 1995/97 and 2012 the average number of car/van driver trips (orange line) and passenger trips (light green line) has fallen by 6% and 11% respectively. In terms of distance travelled, the number of car/van driver miles per person per year has decreased by 7% between 1995/97 and 2012. Across the same period, the average trip length for car/van drivers has remained constant at around 8.5 miles along with an average trip time at around 21 minutes. Looking at trips of London residents only, the number of car/van driver miles per person per year has decreased much more than the national average - down 37% between 1995/97 and 2012.

Changes in car usage tend to be affected by wider economic factors, such as the state of the economy and fuel prices, which influence car ownership and the trip behaviour of car owners. Increases to the cost of motoring could be expected to have a negative effect on car use. Additionally, there is evidence that motorists are continuing to move towards cars with greater fuel efficiency and lower rates of Vehicle Excise Duty. The proportion of diesel, small engine and low CO₂-emitting cars are increasing, especially in the new vehicle market².

² Table VEH0255: <https://www.gov.uk/government/statistical-data-sets/veh02-licensed-cars>

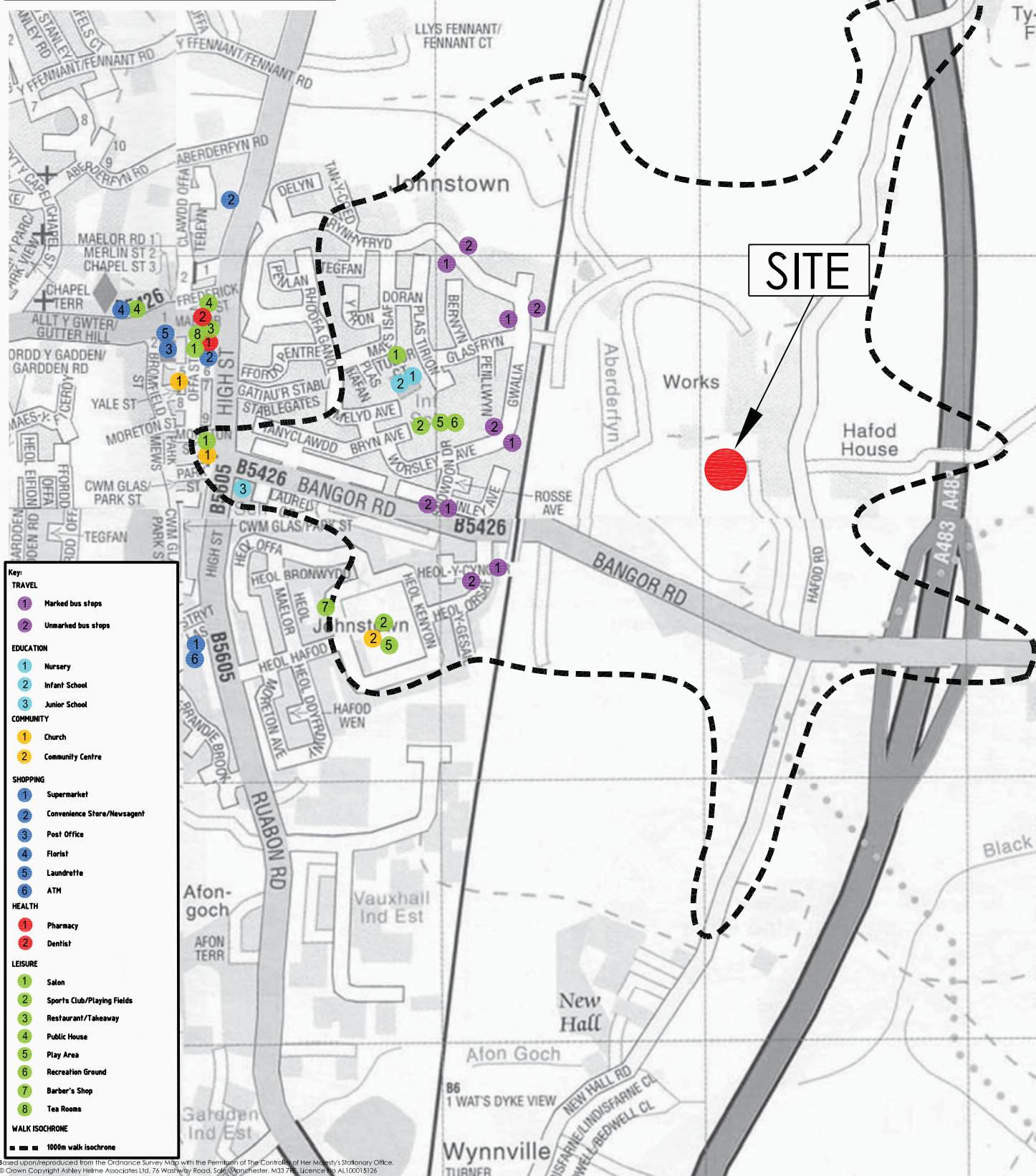
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3. Only bus stops within 1000m of Site shown



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LOCAL AMENITIES

FIGURE 1232/BDJ/3

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Key

- Indicative Site Boundary
- Route via PROW 27
- Route via Bangor Road

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FIGURE 1232/BDJ/4 PEDESTRIAN LINKS TO JOHNSTOWN

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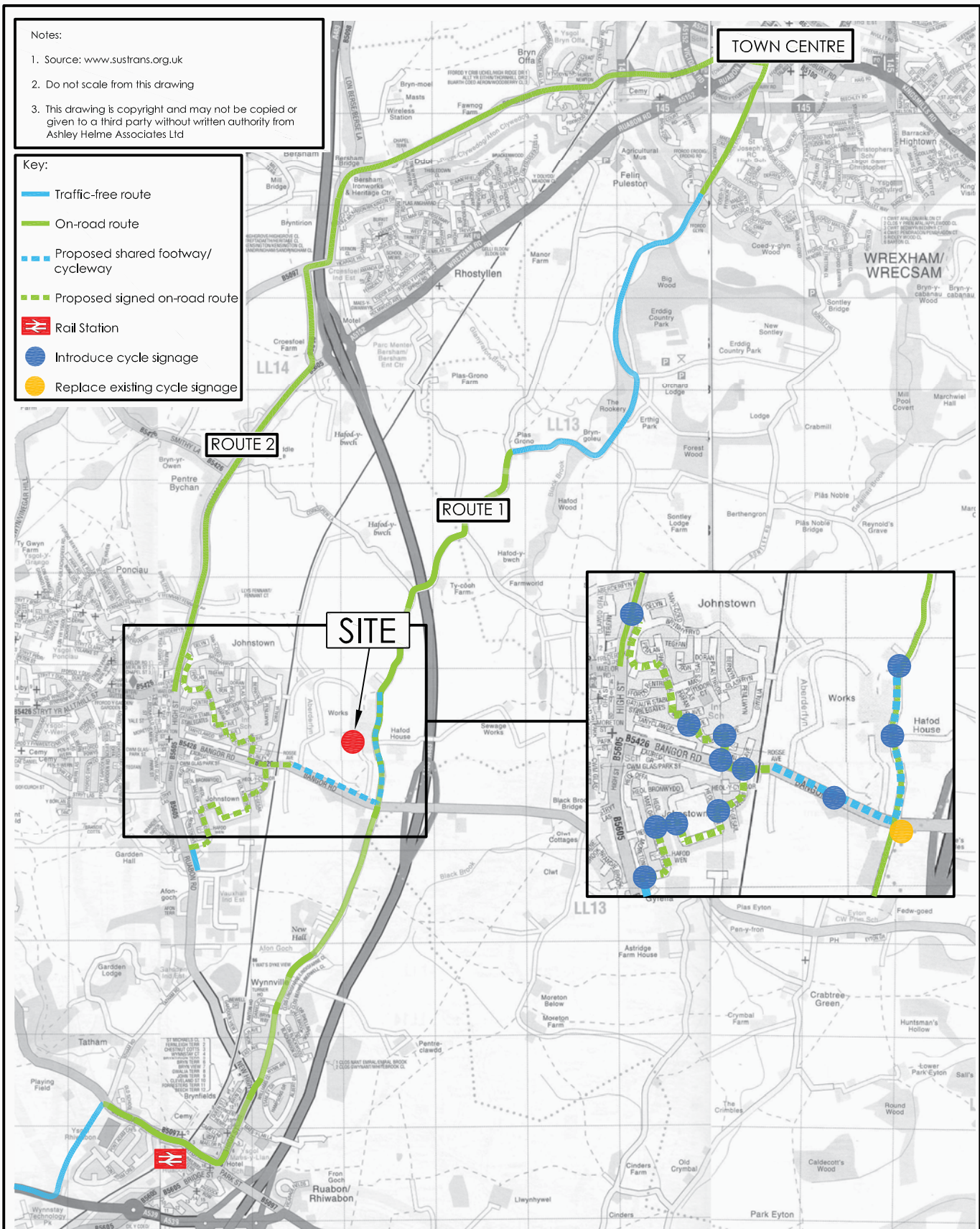
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Key:

- Traffic-free route
- On-road route
- Proposed shared footway/cycleway
- Proposed signed on-road route
- Rail Station
- Introduce cycle signage
- Replace existing cycle signage



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EXISTING AND PROPOSED CYCLE ROUTES

FIGURE 1232/BDJ/5

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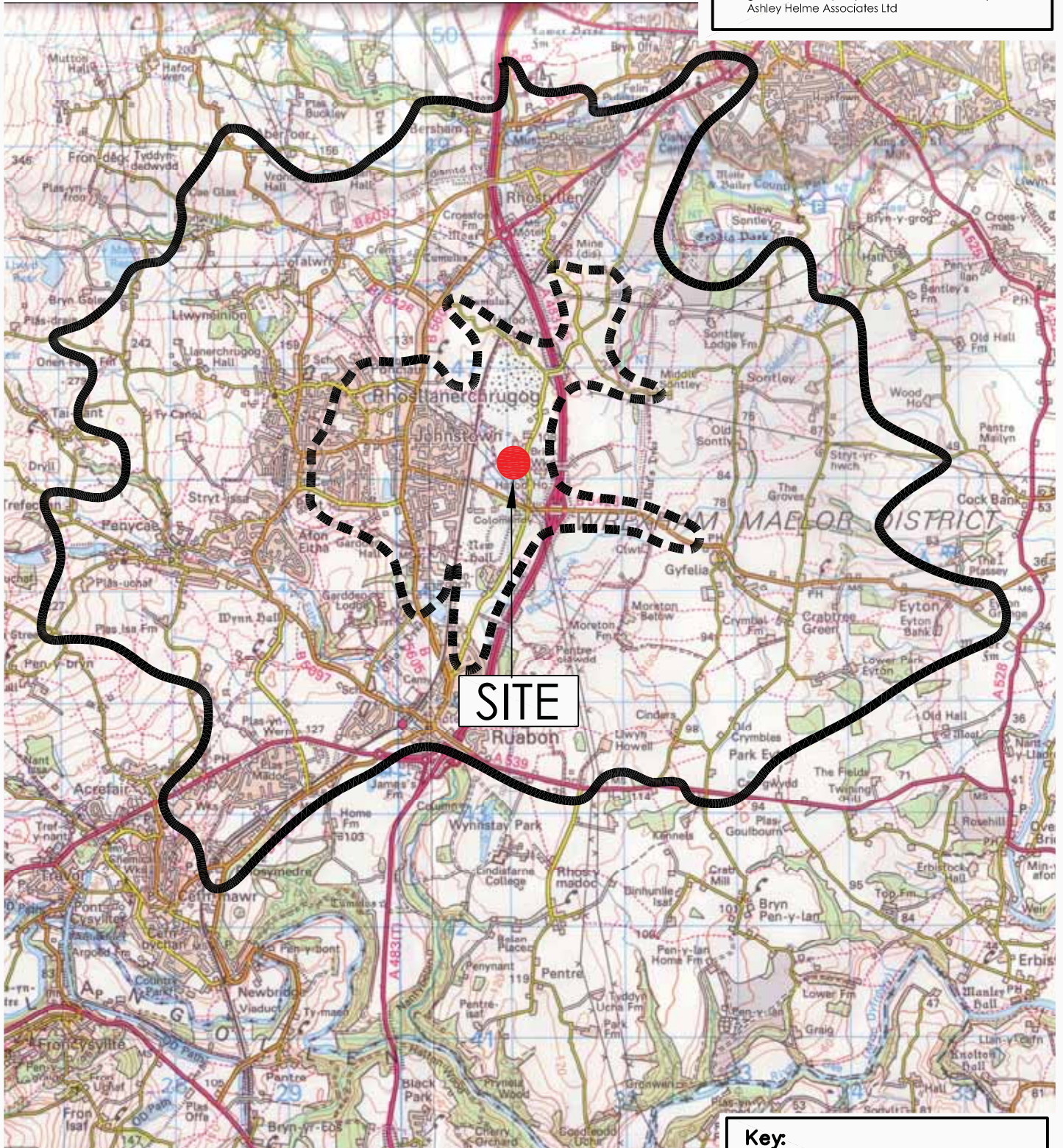
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Key:

- 2000m cycle isochrone
(10 minute cycle isochrone)
- 5000m cycle isochrone
(25 minute cycle isochrone)

CYCLE ISOCHRONES

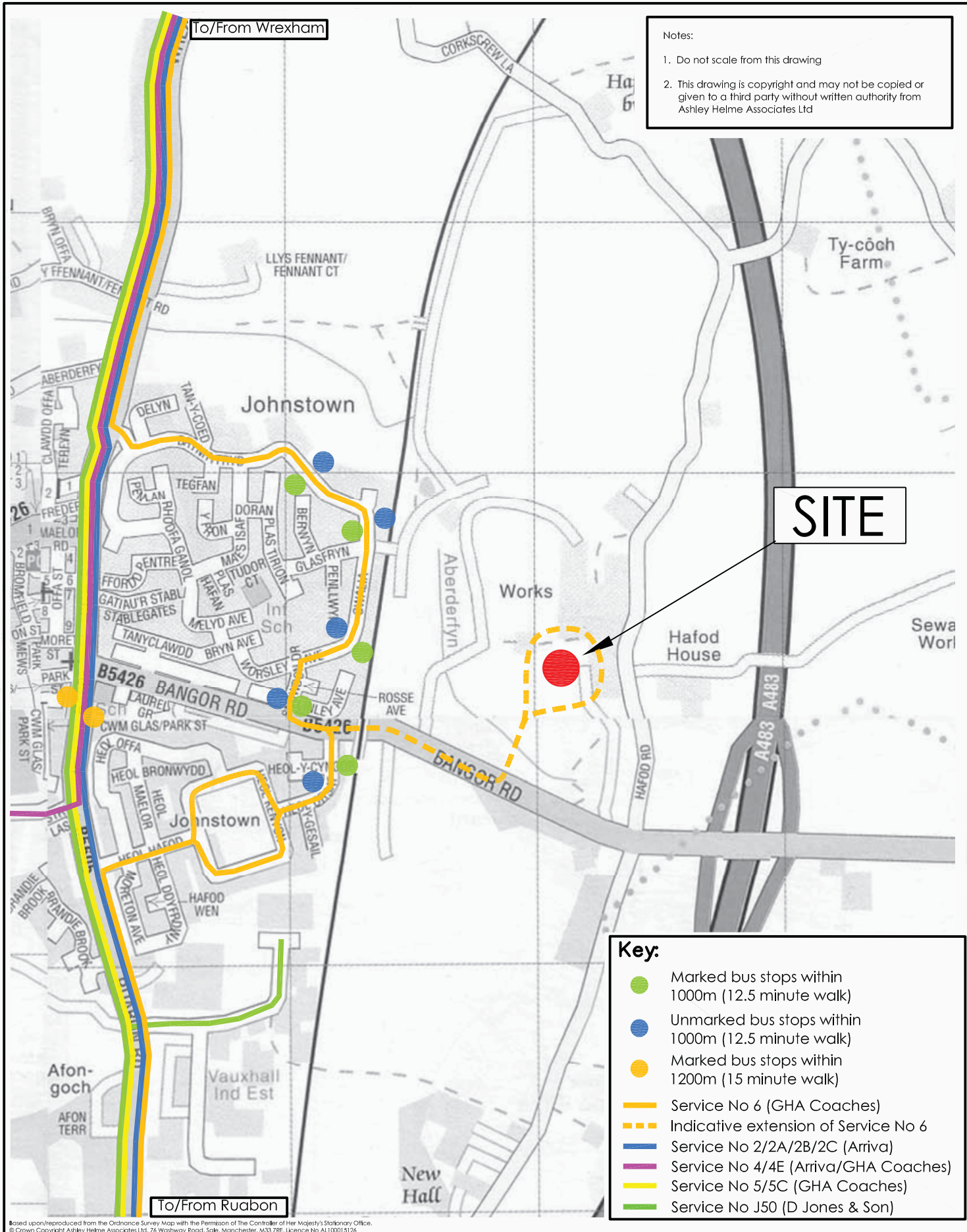
FIGURE 1232/BDJ/6

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BUS STOPS & ROUTES

FIGURE 1232/BDJ/7

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6 WREXHAM - RUABON, PONT ADAM via Bersham & Wrexham Crematorium

GHA COACHES

Monday to Saturday except Bank Holidays : Llundwr i Sadwrn hennblaw Gwyliau Cyhoeddus

Wrexham, Bus Station	0745	45	1645
Bryn Offa, Centenary Road	0750	50	1650
Bersham Heritage Centre	0754	54	1654
Wrexham Crematorium	0755	55	1655
Johnstown, Nant Park	0800	and 00	1700
Bangor Road	0801	then 01	1701
Moreton Estate, Heol Hafod	0802	at 02	1702
Johnstown, Somerfield	0803	every 03	1703
Vauxhall Industrial Estate	0804	04	1704
Ruabon, Daniels Drive	0806	06	1706
Ruabon, Albert Grove	0810	10	1710
Ruabon	0812	12	1712
Ruabon, Pont Adam	0814	14	1714

6 PONT ADAM - RUABON - WREXHAM via Bersham & Wrexham Crematorium

GHA COACHES

Monday to Saturday except Bank Holidays : Llundwr i Sadwrn hennblaw Gwyliau Cyhoeddus

Ruabon, Pont Adam	0814	14	1714
Ruabon	0815	15	1715
Ruabon, Albert Grove	0816	16	1716
Ruabon, Daniels Drive	0820	20	1720
Vauxhall Industrial Estate	0723	23	1723
Moreton Estate, Heol Hafod	0725	then 25	1725
Bangor Road	0727	at 27	1727
Johnstown, Nant Park	0730	every 30	1730
Wrexham Crematorium	0735	35	1735
Bersham Heritage Centre	0737	37	1737
Bryn Offa, Centenary Road	0739	39	1739
Wrexham, Bus Station	0744	44	1744

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BUS No	Route	FREQUENCY			OPERATOR
		Mon- Sat		Sun	
		Day	Eve		
Services calling within a 10 minute walk					
6	Wrexham – Johnstown – Ruabon	60 mins	-	-	GHA
Services calling on Ruabon Road					
2	Wrexham – Oswestry ⁽¹⁾	60 mins	3 trips	60 mins	ARR
2A	Wrexham – Oswestry	60 mins	-	-	ARR
2B	Wrexham – Cefn Mawr	6 trips	-	-	ARR
2C	Wrexham – Cefn Mawr	30 mins	-	-	ARR
4/4E	Wrexham – Penycae – Wrexham	30 mins	2 trips	4 trips	ARR/GHA
5	Wrexham Llangollen	20 mins	30/60 mins ⁽¹⁾	-	GHA
5C	Wrexham - Llangollen	20 mins	-	60 mins	GHA
J50	Wrexham – Acrefair	4 trips ⁽²⁾	-	-	DJ
65	Wrexham – Glyn Ceirog	1trip ⁽³⁾	-	-	GHA
94	Wrexham – Gwyddelwern	1 trip	-	-	GHA
T3	Wrexham - Barmouth	7 trips	1/2 trips	-	GHA

Source: www.wrexham.gov.uk

Key:

ARR Arriva
GHA GHA Coaches
DJ D Jones & Son

Notes:

1. 30 minute frequency until circa 2100, 60 minute frequency until circa 2300.
2. Operates during peak times only.
3. School days only.

TABLE 1232/BDJ/1 BUS SERVICES AND FREQUENCIES

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Ashley Helme Associates

From: Stephen Bryce <stephen.bryce@ghacoaches.co.uk>
Sent: 05 January 2015 14:20
To: aha@ashleyhelme.co.uk
Subject: RE: 1232: Johnstown Bus Service No 6 Proposed Diversion

Good Afternoon,

We are unable to divert our current service 6 as there is no spare time in the current timetable to accomodate the diversion. To serve this new development we would need to add another bus to the service which would cost around £40,000 per annum.

If you have any further questions please let me know.

Thank you

Stephen Bryce
General Manager

G.H.A. Coaches

GHA Coaches Ltd
Unit 11 Vauxhall Industrial Estate
Ruabon
Wrexham
LL14 6UY
Tel: 01978 820 820
Mobile: 07834 639 387
w.ghacoaches.co.uk

From: Ashley Helme Associates [mailto:aha@ashleyhelme.co.uk]
Sent: 15 December 2014 16:07
To: Stephen Bryce
Subject: FW: 1232: Johnstown Bus Service No 6 Proposed Diversion

Stephen,

I have previously had discussions with your colleagues Gareth Davies and Stuart Hyslop (who I understand is now retired) regarding the diversion of the No 6 bus service, at Johnstown, near Wrexham.

Ashley Helme Associates are working on behalf of a developer for a proposed residential development with ancillary use (retail unit) on a Site in Johnstown. The Site will include an internal loop road to ensure the bus could enter and exit the site in forward gear. The Site will be served by a new roundabout junction on Bangor Road. I attach a plan showing the proposed diversion into the Site, in relation to the other bus services in the area.

G.H.A. Coaches

GHA Coaches Ltd.
Unit 11, Vauxhall Industrial Estate,
Ruabon, Wrexham LL14 6UY
Tel: (01978) 820820 - Fax: (01978) 824564
Email: info@ghacoaches.co.uk



V. A. T. Reg. No. 160 26 9181

Ashleyhelme
F.A.O. Paul Loftus
76 Washway Road
Sale
Manchester
M33 7RE

7 May 2014

Dear Sir,

Subject to the provision of a loop road, and a road of a standard to carry a 9 ton bus without breaking up we are pleased to inform you that we would be prepared to divert the service 6 into your development.

We for our part would have to introduce an extra bus into the cycle as the service 6 is presently on its limit for running time.

Yours sincerely,

A handwritten signature in black ink, which appears to read 'Stuart Hyslop', is written over a horizontal line.

Stuart Hyslop
Chief Executive

Q

Rail Timetable

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Table 75

Saturdays

19 December to 2 April

Birmingham - Shrewsbury - Chester - Holyhead

Network Diagram - see first page of Table 74

	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW
	A	B	C	D			C	D	E	C	D	E	C	D	E		C	D	E	C	D	E	C
Birmingham International . 68 ⇐ d				07 09					09 09			11 09		13 09					15 09			17 09	
Birmingham New Street 1274,68 d				07 24					09 25			11 25		13 25					15 25			17 25	
Smethwick Galton Bridge 5 74,68 d				07 30					09 31			11 31		13 31					15 31			17 31	
Wolverhampton 68,74 ⇐ d				07 42					09 43			11 44		13 42					15 43			17 43	
Telford Central . 74 d				07 59				10 00			12 00		13 59					16 00			18 00		
Wellington (Shropshire) . 74 d				08 05				10 06			12 08		14 06					16 07			18 07		
Cardiff Central 131 d				05 20			07 17	07 21		09 17	09 21		11 14	11 21			13 14	13 21		15 17	15 21		17 17
Newport (South Wales) . 131 d				05 35			07 36	07 36		09 36	09 36		11 36	11 36			13 36	13 36		15 36	15 36		17 35
Hereford . 131 d				06 25			08 27	08 27		10 27	10 27		12 28	12 28			14 26	14 26		16 27	16 27		18 27
Shrewsbury . 74 a				07 22	08 20		09 21	09 21	10 18	11 21	11 21	12 21	13 20	13 20	14 19		15 21	15 21	16 20	17 19	17 19	18 20	19 19
Gobowen . d		05 20	06 10	07 24	08 22		09 25	09 25	10 22	11 25	11 25	12 22	13 24	13 24	14 22		15 28	15 28	16 25	17 24	17 24	18 22	19 24
Chirk . d	00 03	05 45	06 35	07 48	08 47		09 49	09 49	10 48	11 49	11 49	12 47	13 48	13 48	14 47		15 52	15 52	16 50	17 48	17 48	18 47	19 48
Ruabon . d	00 09	05 51	06 42	07 54	08 53		09 55	09 55	10 54	11 55	11 55	12 54	13 54	13 54	14 54		15 58	15 58	16 57	17 54	17 54	18 54	19 54
Wrexham General . d	00 14	05 57	06 48	08 00	09 00		10 01	10 01	11 00	12 01	12 01	13 00	14 01	14 01	15 00		16 04	16 04	17 03	18 01	18 01	19 01	20 01
Chester . 81 a	00 15	05 58	06 50	08 01	09 01		10 02	10 02	11 01	12 02	12 02	13 00	14 02	14 02	15 00		16 05	16 05	17 04	18 03	18 03	19 02	20 02
Flint . 81 a	00 35	06 16	07 08	08 18	09 18		10 19	10 19	11 21	12 19	12 19	13 18	14 19	14 19	15 20		16 24	16 24	17 20	18 21	18 21	19 20	20 21
Prestatyn . 81 a				08 35	09 36		10 35	10 35	11 38	12 35	12 35	13 35	14 35	14 35	15 36		16 41	16 41	17 38	18 38	18 38	19 46	20 46
Rhyl . 81 a				08 49	09 50		10 49	10 49	11 52	12 49	12 49	13 49	14 49	14 49	15 50		16 55	16 55	17 52	18 52	18 52	19 50	20 50
Colwyn Bay . 81 a				08 55	09 56		10 55	10 55	11 58	12 56	12 56	13 55	14 56	14 56	15 56		17 01	17 01	17 58	18 58	18 58	19 56	20 56
Llandudno Junction . 81 a				09 05	10 06		11 05	11 05	12 08	13 07	13 07	14 05	15 07	15 07	16 06		17 11	17 11	18 12	19 08	19 08	20 20	21 19
Llandudno . 81 a				09 11	10 12		11 11	11 11	12 14	13 14	13 14	14 11	15 14	15 14	16 12		17 17	17 17	18 17	19 14	19 14	20 25	21 24
Bangor (Gwynedd) . 81 a				09 34	10 30		11 34	11 34	12 32	13 32	13 32	14 34	15 32	15 32	16 36		17 39	17 39	18 41	19 32	19 32	20 47	21 42
Holyhead . 81 a				10 14	11 05		12 09	12 09	13 12	14 13	14 13	15 08	16 13	16 13	17 11		18 23	18 23	19 13	20 18	20 18	21 31	22 25

	AW		AW	AW	AW	AW																	
	D		E	D	C																		
Birmingham International . 68 ⇐ d			19 09			21 09																	
Birmingham New Street 1274,68 d			19 25			21 25																	
Smethwick Galton Bridge 5 74,68 d			19 31			21 31																	
Wolverhampton 68,74 ⇐ d			19 43			21 43																	
Telford Central . 74 d			20 00			22 00																	
Wellington (Shropshire) . 74 d			20 06			22 06																	
Cardiff Central 131 d	17 21		19 34	19 34																			
Newport (South Wales) . 131 d	17 35		19 48	19 51																			
Hereford . 131 d	18 27		20 39	20 42																			
Shrewsbury . 74 a	19 19		20 20	21 35	21 37	22 23																	
Gobowen . d	19 24		20 25	21 37	21 38	22 25	23 34																
Chirk . d	19 43		20 44	21 56	21 57	22 44	23 53																
Ruabon . d	19 48		20 50	22 01	22 02	22 50	23 57																
Wrexham General . a	20 01		21 02	22 13	22 14	23 02	00 11																
Chester . 81 a	20 02		21 03	22 13	22 15	23 03	00 13																
Flint . 81 a	20 21		21 22	22 31	22 33	23 22	00 33																
Prestatyn . 81 a	20 46		22 51	22 51																			
Rhyl . 81 a	21 00		23 04	23 04																			
Colwyn Bay . 81 a	21 06		23 10	23 10																			
Llandudno Junction . 81 a	21 19		23 24	23 24																			
Llandudno . 81 a	21 24		23 38	23 38																			
Bangor (Gwynedd) . 81 a	21 42																						
Holyhead . 81 a	22 25																						

A From Shrewsbury
B To Manchester Piccadilly

C from 9 January
D 19 December, 26 December, 2 January

Table 75

Saturdays

9 April to 14 May

Birmingham - Shrewsbury - Chester - Holyhead

Network Diagram - see first page of Table 74

	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW
	A		B	◇	◇	◇		◇	◇	◇	◇	◇	◇	◇	◇			◇	◇	◇		
Birmingham International . 68 ⇐ d					07 09		09 09		11 09		13 09		15 09		17 09			19 09		21 09		
Birmingham New Street 74,68 d					07 24		09 25		11 25		13 25		15 25		17 25			19 25		21 25		
Smethwick Galton Bridge 74,68 d					07 30		09 31		11 31		13 31		15 31		17 31			19 31		21 31		
Wolverhampton 68,74 ⇐ d					07 42		09 43		11 44		13 42		15 43		17 43			19 43		21 43		
Telford Central . 74 d					07 59		10 00		12 00		13 59		16 00		18 00			20 00		22 00		
Wellington (Shropshire) . 74 d					08 05		10 06		12 08		14 06		16 07		18 07			20 06		22 06		
Cardiff Central 131 d																						
Newport (South Wales) . 131 d																						
Hereford . 131 d																						
Shrewsbury . 74 a					08 20		10 18		12 21		14 19		16 20		18 20			20 20		22 23		
Gobowen . d		05 20 06 10 07 24		08 22 09 25			10 22 11 25	12 22 13 24	14 22 15 28	16 25 17 24	18 22			19 24	20 25 21 37	22 25 23 34						
Chirk . d		05 39 06 30 07 43		08 41 09 44			10 42 11 44	12 42 13 43	14 42 15 47	16 45 17 43	18 42			19 43	20 44 21 56	22 44 23 53						
Ruabon . d	00 03	05 45 06 35 07 48		08 47 09 49			10 48 11 49	12 47 13 48	14 47 15 52	16 50 17 48	18 47			19 48	20 50 22 01	22 50 23 57						
Wrexham General . a	00 09	05 51 06 42 07 54		08 53 09 55			10 54 11 55	12 54 13 54	14 54 15 58	16 57 17 54	18 54			19 54	20 56 22 07	22 56 00 05						
Chester . 81 a	00 14	05 57 06 48 08 00		09 00 10 01			11 00 12 01	13 00 14 01	15 00 16 04	17 03 18 01	19 01			20 01	21 02 22 13	23 02 00 11						
Flint . 81 a	00 15	05 58 06 50 08 01		09 01 10 02			11 01 12 02	13 00 14 02	15 00 16 05	17 04 18 03	19 02			19 46	20 02 21 03	22 13 23 03	00 13					
Prestatyn . 81 a	00 35	06 16 07 08 08 18		09 18 10 19			11 21 12 19	13 18 14 19	15 20 16 24	17 20 18 21	19 20			20 05	20 21 21 22	22 31 23 22	00 33					
Rhyl . 81 a				08 35 09 36 10 35			11 38 12 35	13 35 14 35	15 36 16 41	17 38 18 38	19 46			20 46	21 00 22 51	23 04						
Colwyn Bay . 81 a				08 49 09 50 10 49			11 52 12 49	13 49 14 49	15 50 16 55	17 52 18 52	20 00			21 00	22 00 23 04							
Llandudno Junction . 81 a				08 55 09 56 10 55			11 58 12 56	13 55 14 56	15 56 17 01	17 58 18 58	20 06			21 06	22 06 23 10							
Bangor (Gwynedd) . 81 a				09 05 10 06 11 05			12 08 13 07	14 05 15 07	16 06 17 11	18 12 19 08	20 20			21 19	22 19 23 24							
Holyhead . 81 a				09 11 10 12 11 11			12 14 13 14	14 11 15 14	16 12 17 17	18 17 19 14	20 25			21 24	22 24 23 38							
Birmingham International . 68 ⇐ d					09 34		10 30 11 34		12 32 13 32		14 34 15 32		16 36 17 39		18 41 19 32		20 47		21 42			
Birmingham New Street 74,68 d					10 14		11 05 12 09		13 12 14 13		15 08 16 13		17 11 18 23		19 13 20 18		21 31		22 25			

Sundays

13 December to 3 January

	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW
	A		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
Birmingham International . 68 ⇐ d			10 48 13 07		15 07		17 07 19 07																	
Birmingham New Street 74,68 d			11 05 13 24		15 24		17 24 19 24																	
Smethwick Galton Bridge 74,68 d																								
Wolverhampton 68,74 ⇐ d			11 27 13 42		15 43		17 43 19 43																	
Telford Central . 74 d			11 54 13 58		15 59		17 59 19 59																	
Wellington (Shropshire) . 74 d			12 01 14 04		16 06		18 05 20 06																	
Cardiff Central 131 d					13 22		15 22																	
Newport (South Wales) . 131 d					13 36		15 36																	
Hereford . 131 d					14 26		16 28																	
Shrewsbury . 74 a			12 15 14 18		15 21 16 22		17 23 18 19		20 19															
Gobowen . d		10 16 12 17	14 20		15 24 16 24		17 30 18 24		20 24															
Chirk . d		10 35 12 37	14 39		15 44 16 43		17 49 18 44		20 44															
Ruabon . d	00 05	10 41 12 42	14 45		15 49 16 49		17 55 18 49		20 49															
Wrexham General . a	00 11	10 53 12 55	14 57		16 02 17 01		18 07 19 01		21 02															
Chester . 81 a	00 13	10 54 12 56	14 58		16 02 17 06		18 08 19 02		21 03		22 35													
Flint . 81 a	00 33	11 12 13 15	15 18		16 20 17 26		18 25 19 24		21 19		22 55													
Prestatyn . 81 a					16 50		18 43 19 52																	
Rhyl . 81 a					17 04		18 57 20 06																	
Colwyn Bay . 81 a					17 10		19 03 20 12																	
Llandudno Junction . 81 a					17 24		19 17 20 26																	
Bangor (Gwynedd) . 81 a					17 29		19 22 20 31																	
Holyhead . 81 a					17 52		19 47 20 53																	
					18 37		20 18 21 30																	

A From Shrewsbury

B To Manchester Piccadilly

10 January to 3 April

Birmingham - Shrewsbury - Chester - Holyhead

Network Diagram - see first page of Table 74

[illegible]**Sundays**

10 April to 8 May

[illegible]

A From Shrewsbury

Table 75R

Saturdays

19 December to 2 April

Holyhead - Chester - Shrewsbury - Birmingham

Network Diagram - see first page of Table 74

	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW	AW
		◇	◇	◇	◇		◇	◇	◇	◇	◇	◇	◇	◇	◇		◇	◇	◇	◇	◇	◇	◇	◇
		A	B	⌘	⌘		A	⌘	⌘	B	A	⌘	A	B	⌘		D	⌘	⌘	B	A	⌘	⌘	⌘
		⌘	⌘	⌘	⌘		⌘	⌘	⌘	⌘	⌘	⌘	⌘	⌘	⌘		⌘	⌘	⌘	⌘	⌘	⌘	⌘	⌘
Holyhead	81 d	04 25	04 25	05 22	06 35		06 35	07 15	08 20	08 20	09 23	10 33	10 33	11 23	12 38		12 38	13 28	14 23	14 23	15 23	16 50	17 30	
Bangor (Gwynedd)	81 d	04 57	04 57	06 01	07 07		07 07	08 02	09 02	09 02	10 02	11 05	11 05	12 02	13 07		13 07	14 07	14 53	14 53	16 02	17 18	18 09	
Llandudno	81 d																							
Llandudno Junction	81 d	05 15	05 15	06 24	07 25		07 25	08 25	09 25	09 25	10 25	11 25	11 25	12 25	13 25		13 25	14 25	15 16	15 16	16 25	17 36	18 32	
Colwyn Bay	81 d	05 21	05 21	06 30	07 31		07 31	08 31	09 31	09 31	10 31	11 31	11 31	12 31	13 31		13 31	14 31	15 22	15 22	16 31	17 42	18 38	
Rhyl	81 d	05 31	05 31	06 40	07 41		07 41	08 41	09 41	09 41	10 41	11 41	11 41	12 41	13 41		13 41	14 41	15 33	15 33	16 41	17 52	18 48	
Prestatyn	81 d	05 37	05 37	06 46	07 47		07 47	08 47	09 47	09 47	10 47	11 47	11 47	12 47	13 47		13 47	14 47	15 38	15 38	16 47	17 58	18 54	
Flint	81 d	05 50	05 50	06 59	08 00		08 00	09 00	10 00	10 00	11 00	12 00	12 00	13 00	14 00		14 00	15 00	15 52	15 52	17 00	18 11	19 07	
Chester	81 d	05 37	06 12	07 21	08 19		08 19	09 20	10 19	10 19	11 30	12 19	12 19	13 30	14 19		14 19	15 30	16 19	16 19	17 28	18 29	19 28	20 26
Wrexham General	81 d	05 55	06 27	07 37	08 34		08 34	09 36	10 34	10 34	11 46	12 34	12 34	13 46	14 34		14 34	15 46	16 35	16 35	17 44	18 45	19 44	20 42
	a		06 35	06 38	07 37	08 34		08 34	09 36	10 35	11 46	12 34	12 34	13 46	14 34		14 34	15 46	16 35	16 35	17 44	18 45	19 44	20 42
Ruabon	a		06 41	06 44	07 44	08 41		08 41	09 43	10 42	11 53	12 41	12 41	13 53	14 41		14 41	15 53	16 42	16 42	17 51	18 52	19 51	20 49
Chirk	a		06 48	06 51	07 50	08 47		08 47	09 49	10 48	11 59	12 47	12 47	13 59	14 47		14 47	15 59	16 48	16 48	17 57	18 58	19 57	20 55
Gobowen	a		06 53	06 56	07 56	08 52		08 52	09 55	10 53	12 05	12 52	12 52	14 05	14 52		14 52	16 05	16 53	16 53	18 03	19 03	20 02	21 01
Shrewsbury	74 a		07 14	07 17	08 20	09 13		09 13	10 29	11 14	12 27	13 13	13 13	14 28	15 13		15 13	16 29	17 14	17 14	18 24	19 24	20 26	21 21
Hereford	131 a		08 07	08 10		10 05		10 05		12 04	12 04		14 09	14 09	16 03		16 03		18 05	18 05		20 15		
Newport (South Wales)	131 a		08 58	09 00		10 55		10 58		12 54	12 54		15 03	15 04	16 54		16 54		18 55	18 58		21 15		
Cardiff Central	131 a		09 17	09 18		11 15		11 18		13 17	13 20		15 27	15 26	17 08		17 13		19 15	19 21		21 39		
Wellington (Shropshire)	74 a				08 46					10 46			12 45		14 45				16 47			18 46		
Telford Central	74 a				08 53					10 53			12 53		14 53				16 53			18 53		
Wolverhampton	68,74 a				09 11					11 11			13 10		15 11				17 08			19 11		
Smethwick Galton Bridge	74,68 a				09 23					11 22			13 22		15 22				17 22			19 22		
Birmingham New Street	74,68 a				09 28					11 30			13 30		15 30				17 30			19 30		
Birmingham International	68 a				09 50					11 50			13 50		15 50				17 50			19 49		

	AW	AW																						
	◇	◇																						
Holyhead	81 d	19 21																						
Bangor (Gwynedd)	81 d	20 00																						
Llandudno	81 d																							
Llandudno Junction	81 d	20 23																						
Colwyn Bay	81 d	20 29																						
Rhyl	81 d	20 39																						
Prestatyn	81 d	20 45																						
Flint	81 d	20 58																						
Chester	81 d	21 20		22 28																				
Wrexham General	a	21 36		22 44																				
	d	21 37		22 44																				
Ruabon	a	21 43		22 51																				
Chirk	a	21 50		22 57																				
Gobowen	a	21 56		23 02																				
Shrewsbury	74 a	22 17		23 23																				
Hereford	131 a																							
Newport (South Wales)	131 a																							
Cardiff Central	131 a																							
Wellington (Shropshire)	74 a	22 44		23 39																				
Telford Central	74 a	22 50		23 47																				
Wolverhampton	68,74 a	23 08		00 16																				
Smethwick Galton Bridge	74,68 a																							
Birmingham New Street	74,68 a	23 30																						
Birmingham International	68 a																							

Saturdays

9 April to 14 May

		AW	AW	AW	AW	AW	AW	AW	AW		AW	AW	AW	AW	AW	AW	AW							
			◇	◇	◇	◇	◇	◇	◇		◇	◇	◇	◇	◇	◇	◇							
			⌘	⌘	⌘	⌘	⌘	⌘	⌘		⌘	⌘	⌘	⌘	⌘	⌘	⌘							
Holyhead	81 d	04 25	05 22	06 35	07 15	08 20	09 23	10 33	11 23		12 38	13 28	14 23	15 23	16 50	17 30		19 21						
Bangor (Gwynedd)	81 d	04 57	06 01	07 07	08 02	09 02	10 02	11 05	12 02		13 07	14 07	14 53	16 02	17 18	18 09		20 00						
Llandudno	81 d																							
Llandudno Junction	81 d	05 15	06 24	07 25	08 25	09 25	10 25	11 25	12 25		13 25	14 25	15 16	16 25	17 36	18 32		20 23						
Colwyn Bay	81 d	05 21	06 30	07 31	08 31	09 31	10 31	11 31	12 31		13 31	14 31	15 22	16 31	17 42	18 38		20 29						
Rhyl	81 d	05 31	06 40	07 41	08 41	09 41	10 41	11 41	12 41		13 41	14 41	15 33	16 41	17 52	18 48		20 39						
Prestatyn	81 d	05 37	06 46	07 47	08 47	09 47	10 47	11 47	12 47		13 47	14 47	15 38	16 47	17 58	18 54		20 45						
Flint	81 d	05 50	06 59	08 00	09 00	10 00	11 00	12 00	13 00		14 00	15 00	15 52	17 00	18 11	19 07		20 58						
Chester	81 d	05 37	06 12	07 21	08 19	09 20	10 19	11 30	12 19	13 30		14 19	15 30	16 19	17 28	18 29	19 28	20 26	21 20					
Wrexham General	a	05 55	06 27	07 37	08 34	09 36	10 34	11 46	12 34	13 46		14 34	15 46	16 35	17 44	18 45	19 44	20 42	21 36					
	d		06 38	07 37	08 34	09 36	10 35	11 46	12 34	13 46		14 34	15 46	16 35	17 44	18 45	19 44	20 42	21 37					
Ruabon	a		06 44	07 44	08 41	09 43	10 42	11 53	12 41	13 53		14 41	15 53	16 42	17 51	18 52	19 51	20 49	21 43					
Chirk	a		06 51	07 50	08 47	09 49	10 48	11 59	12 47	13 59		14 47	15 59	16 48	17 57	18 58	19 57	20 55	21 50					
Gobowen	a		06 56	07 56	08 52	09 55	10 53	12 05	12 52	14 05		14 52	16 05	16 53	18 03	19 03	20 02	21 01	21 56					
Shrewsbury	74 a		07 17	08 20	09 11	10 29	11 12	12 27	13 11	14 28		15 11	16 29	17 12	18 24	19 26	20 26	21 21	22 17					
Hereford	131 a																							
Newport (South Wales)	131 a																							
Cardiff Central	131 a																							
Wellington (Shropshire)	74 a		08 46		10 46		12 45		14 45			16 47		18 46				22 44						
Telford Central	74 a		08 53		10 53		12 53		14 53			16 53		18 53				22 50						
Wolverhampton	68,74 a		09 11		11 11		13 10		15 11			17 08		19 11				23 08						
Smethwick Galton Bridge	74,68 a		09 23		11 22		13 22		15 22			17 22		19 22										
Birmingham New Street	74,68 a		09 28		11 30		13 30		15 30			17 30		19 30				23 30						
Birmingham International	68 a		09 50		11 50		13 50		15 50			17 50		19 49										

13 December to 3 January

Holyhead - Chester - Shrewsbury - Birmingham

Network Diagram - see first page of Table 74

		AW	AW	AW	AW	AW	AW	AW	AW		AW	AW	AW	Network Diagram - see first page of Table 7												
			◇	◇ ⌞	◇ ⌞	◇	◇ ⌞	◇ ⌞	◇ ⌞	◇		◇														
Holyhead	81 d				10 20					16 25																
Bangor (Gwynedd)	81 d				10 59					17 04																
Llandudno	81 d																									
Llandudno Junction	81 d				11 22					17 25																
Colwyn Bay	81 d				11 28					17 31																
Rhyl	81 d				11 41					17 44																
Prestatyn	81 d				11 46					17 49																
Flint	81 d				12 00					18 03																
Chester	81 d	08 08	09 22	11 31	12 21	13 31	15 31	17 31	18 23	19 26		21 26	22 04	23 00												
Wrexham General	a	08 28	09 38	11 47	12 38	13 47	15 47	17 47	18 40	19 42		21 42	22 23													
	d		09 38	11 48	12 38	13 48	15 48	17 48	18 40	19 42		21 44														
Ruabon	a		09 45	11 54	12 45	13 54	15 54	17 54	18 47	19 49		21 50														
Chirk	a		09 51	12 01	12 51	14 01	16 01	18 01	18 53	19 55		21 57														
Gobowen	a		09 57	12 06	12 57	14 06	16 06	18 06	18 59	20 00		22 02														
Shrewsbury	74 a		10 18	12 27	13 18	14 27	16 27	18 27	19 20	20 21		22 22		00 14												
Hereford	131 a				14 17				20 18																	
Newport (South Wales)	131 a				15 07				21 19																	
Cardiff Central 	131 a				15 31				21 40																	
Wellington (Shropshire)	74 a		10 34	12 45		14 45	16 53	18 45		20 36		22 37														
Telford Central	74 a		10 40	12 51		14 51	16 59	18 51		20 44		22 45														
Wolverhampton 	68,74 		10 56	13 07		15 07	17 15	19 07		21 11		23 14														
Smethwick Galton Bridge 	74,68																									
 a																										
Birmingham New Street 	74,68 a		11 13	13 23		15 24	17 37	19 26		21 29																
Birmingham International	68 a		11 31	13 57		15 57	17 57	19 57		21 57																

Sundays

10 January to 3 April

[illegible]**Sundays**

10 April to 8 May

[illegible]

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