

Heart of Wessex Line

The Case for Service Improvement

Produced For: **Heart of Wessex Rail Partnership**

Produced By: **Andrew Griffiths, ImageRail**

Presented: **November 2011**



post **Kirkby Stephen Station, Kirkby Stephen, CA17 4LE**
phone **01768 800 208**
email **andrew@imagerail.com**
web **www.imagerail.com**

Heart of Wessex Line

The Case for Service Improvement

Appendices

	PAGE
1. Timetable data.	4
1a: HoWL Train Services.	4
1b: Train Service Summary - Yeovil Pen Mill Departures	22
1c: Government timetable requirements.	30
2. Journeys and footfall data.	33
2a: HoWL Line Journeys 2002/03 to 2010/11, and Severn-Solent comparisons.	33
2b: Top 100 Wessex Trains flows 2003/4, ranked by value.	34
2c: Sales at the 34 staffed Wessex Trains stations 2003/4, ranked by value.	34
2d: Footfall - journeys and ticket revenue from Wessex Trains stations, 2003/4.	35
2e: Footfall at HoWL stations, 2001/2 to 2009/10.	36
2f: Internal HoWL journeys, October 2009 - September 2010.	37
2g: Journeys from HoWL stations, October 2009 - September 2010.	38
2h: Internal and external journeys, October 2009 - September 2010.	42
3. Passenger count data.	44
3a: HoWL passenger count - April 2009.	44
3b: HoWL passenger count - August 2010.	47
4. Line of route data.	50
4a: Rail and road distances.	50
4b: Population.	51
4c: Projected increase in the 21 regional SSCTs.	55
4d: Projected benefits of linespeed improvements.	56

5. Survey data.	57
5a: Questionnaire form.	57
5b: Survey responses.	58
5c: Postcode sectors of residence of people at major Yeovil establishment.	60
6. Timetable options.	61
6a: Insertion of additional unit to existing timetable.	61
6b: The 'Optimisation' Approach.	63
6c: The 'Minimisation' Approach.	64
6d: The 'Attachments' Approach.	65
6e: The 'Connections' Approach.	66
6f: Estimated interchange journeys.	67
6g: Carbon emissions.	68

68 pp

APPENDIX 1: Timetable Data

1a: HoWL Train Services

All HoWL services listed, excluding West of England mainline services (unless calling at Frome), and purely local services north of Westbury.

CRS (Customer reservation system) station codes.

Heart of Wessex Line:

WEY	Weymouth
UPW	Upwey
DCW	Dorchester West
MDN	Maiden Newton
CNO	Chetnole
YET	Yetminster
THO	Thornford
YVP	Yeovil Pen Mill
CLC	Castle Cary
BRU	Bruton
FRO	Frome
WSB	Westbury
TRO	Trowbridge
BOA	Bradford-on-Avon
AVF	Avoncliff
FFD	Freshford
BTH	Bath Spa
OLF	Oldfield Park
KYN	Keynsham

Other origin/destination stations:

BMO	Bournemouth
BNS	Birmingham New Street
BPW	Bristol Parkway
CDF	Cardiff Central
DBY	Derby
FAW	Filton Abbey Wood
GMV	Great Malvern
GCR	Gloucester
MFH	Milford Haven
OXF	Oxford
PAD	London Paddington
PMH	Portsmouth Harbour
SOU	Southampton Central
SWI	Swindon
TAU	Taunton
WMN	Warminster
WOS	Worcester Shrub Hill
WSM	Weston-super-Mare

07 May 1973 to 29 September 1973

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0535	BRI	WEY	0831	4 stns missed
0808	BRI	WEY	1058	All stations
1008	BRI	WEY	1247	8 stns missed (fr CDF)
1208	BRI	WEY	1448	Not KYN/OLF
1600	BRI	WEY	1843	All stations
1745	BRI	WEY	2037	All stations
2008	BRI	WEY	2251	6 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0554	WEY	BRI	0840	4 stns missed
0730	WEY	WSB	0922	All stations
1005	WEY	BRI	1248	Not UPW/OLF/KYN
1215	WEY	BRI	1448	Not UPW/OLF/KYN
1605	WEY	BRI	1850	Not UPW
1745	WEY	BRI	2026	4 stns missed (to CDF)
1930	WEY	BRI	2230	5 stns missed

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0535	BRI	WEY	0831	4 stns missed
0727	BRI	WEY	1010	All stations
0832	BRI	WEY	1047	12 stns missed
0940	BRI	WEY	1150	10 stns missed (fr BNS)
1005	BRI	WEY	1252	8 stns missed (fr CDF)
1208	BRI	WEY	1448	Not KYN/OLF
1600	BRI	WEY	1849	All stations
1745	BRI	WEY	2039	All stations
2008	BRI	WEY	2251	6 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0554	WEY	BRI	0840	4 stns missed
0730	WEY	WSB	0915	All stations
0910	WEY	BRI	1148	5 stns missed
1215	WEY	BRI	1451	Not UPW/OLF/KYN
1300	WEY	BRI	1524	10 stns missed (to BNS)
1415	WEY	BRI	1655	Not OLF/KYN (to CDF)
1605	WEY	WSB	1734	4 stns missed (to BNS via OXF*)
1625	WEY	BRI	1849	5 stns missed (to CDF)
1745	WEY	BRI	2032	4 stns missed (to CDF)
1930	WEY	BRI	2244	7 stns missed

[* 3 'High Summer' return holiday trains to Weymouth from the Midlands ran via Bournemouth, apart from this one via Westbury in one direction only.]

SUNDAYS*

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0930	WSB	WEY	1058	6 stns missed
0910	BRI	WEY	1121	9 stns missed
1030	BRI	WEY	1256	13 stns missed
1445	WSB	WEY	1613	7 stns missed
1750	BRI	WEY	2010	11 stns missed
2045	WSB	WEY	2213	5 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0710	WEY	BRI	0918	13 stns missed
1125	WEY	WSB	1303	5 stns missed
1658	WEY	BRI	1910	12 stns missed
1743	WEY	WSB	1913	5 stns missed
1943	WEY	BRI	2155	10 stns missed

[* High Summer (17 June to 9 September) only. No Sunday service for Keynsham, Oldfield Park, Freshford, Avoncliff, Thornford, Yetminster or Chetnole.]

30 September 1973 to 05 May 1974

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0535	BRI	WEY	0831	4 stns missed
0808	BRI	WEY	1058	All stations
1008	BRI	WEY	1247	8 stns missed (fr CDF)
1208	BRI	WEY	1448	Not KYN/OLF
1600	BRI	WEY	1843	All stations
1745	BRI	WEY	2037	All stations
2008	BRI	WEY	2251	6 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0554	WEY	BRI	0840	4 stns missed
0730	WEY	WSB	0922	All stations
1005	WEY	BRI	1248	Not UPW/OLF/KYN
1215	WEY	BRI	1448	Not UPW/OLF/KYN
1605	WEY	BRI	1850	Not UPW
1745	WEY	BRI	2026	4 stns missed (to CDF)
1930	WEY	BRI	2230	5 stns missed

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0535	BRI	WEY	0831	4 stns missed
0808	BRI	WEY	1058	All stations
1008	BRI	WEY	1247	8 stns missed (fr CDF)
1208	BRI	WEY	1448	Not KYN/OLF
1600	BRI	WEY	1843	All stations
1745	BRI	WEY	2039	All stations
2008	BRI	WEY	2251	6 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0554	WEY	BRI	0840	4 stns missed
0730	WEY	WSB	0922	All stations
1005	WEY	BRI	1248	Not UPW/OLF/KYN
1215	WEY	BRI	1448	Not UPW/OLF/KYN
1605	WEY	BRI	1850	Not UPW
1745	WEY	BRI	2026	4 stns missed (to CDF)
1930	WEY	BRI	2244	5 stns missed

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
2045	WSB	WEY	2213	5 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1743	WEY	WSB	1913	5 stns missed

12 May 1980 to 04 October 1980

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0505	BRI	WEY	0754	5 stns missed
0810	BRI	WEY	1044	All stns (fr CDF)
0935	BRI	WEY	1148	BTH/TRO/VVP*
1022	BRI	WEY	1244	8 stns missed
1223	BRI	WEY	1450	Not KYN/OLF/YET
1614	BRI	WEY	1900	All stations
1745	BRI	WEY	2036	All stations
2030	BRI	WEY	2249	7 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0556	WEY	BRI	0838	Not THO/CNO
0700	WEY	BRI	0941	4 stns missed
0900	WEY	BRI	1137	7 stns missed
1100	WEY	BRI	1337	Not OLF/KYN
1455	WEY	BRI	1832	7 stns missed (to CDF)
1612	WEY	BRI	1835	6 stns missed (to CDF)
1720	WEY	BRI	1926	YVP/TRO/BTH*
1800	WEY	BRI	2034	4 stns missed
1945	WEY	BRI	2219	7 stns missed

* FX, 14/07 - 04/09 only

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0505	BRI	WEY	0751	5 stns missed
0725	BRI	WEY	0922	14 stns missed (fr CDF)
0810	BRI	WEY	1044	All stns (fr CDF)
0941	BRI	WEY	1141	14 stns missed (fr DBY)*
1000	BRI	WEY	1212	9 stns missed (fr CDF)
1219	BRI	WEY	1450	Not YET
1614	BRI	WEY	1900	All stations
1745	BRI	WEY	2036	All stations
2030	BRI	WEY	2249	7 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0605	WEY	BRI	0838	Not THO/CNO
0700	WEY	BRI	0941	4 stns missed
0900	WEY	BRI	1137	7 stns missed
1015	WEY	BRI	1213	DCW/YVP/BTH (to CDF)
1122	WEY	BRI	1420	All stns (to CDF)
1245	WEY	BRI	1445	DCW/YVP/BTH (to DBY)
1450	WEY	BRI	1711	Not UPW/OLF/KYN
1600	WEY	BRI	1803	12 stns missed
1800	WEY	BRI	2034	4 stns missed
1945	WEY	BRI	2219	7 stns missed

* - 24/05 - 20/07 only

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0930	WSB	WEY	1058	6 stns missed
0915	BRI	WEY	1137	8 stns missed
1010	BRI	WEY	1221	13 stns missed
1540	WSB	WEY	1727	FRO/YVP/DCW
1905	WSB	WEY	2033	6 stns missed
2140	WSB	WEY	2307	5 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0735	WEY	BRI	0953	12 stns missed
1130	WEY	WSB	1301	7 stns missed
1615	WEY	BRI	1826	12 stns missed
1745	WEY	BRI	1956	11 stns missed
1945	WEY	BRI	2207	7 stns missed

05 October 1980 to 10 May 1981

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0505	BRI	WEY	0754	5 stns missed
0810	BRI	WEY	1044	All stns (fr CDF)
1022	BRI	WEY	1244	8 stns missed
1223	BRI	WEY	1450	Not KYN/OLF/YET
1614	BRI	WEY	1900	All stations
1745	BRI	WEY	2036	All stations
2030	BRI	WEY	2249	7 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0556	WEY	BRI	0838	Not THO/CNO
0700	WEY	BRI	0941	4 stns missed
0900	WEY	BRI	1137	7 stns missed
1100	WEY	BRI	1337	Not OLF/KYN
1455	WEY	BRI	1832	7 stns missed (to CDF)
1612	WEY	BRI	1835	6 stns missed (to CDF)
1800	WEY	BRI	2034	4 stns missed
1945	WEY	BRI	2219	7 stns missed

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0505	BRI	WEY	0754	5 stns missed
0810	BRI	WEY	1044	All stns (fr CDF)
1022	BRI	WEY	1244	8 stns missed
1219	BRI	WEY	1450	Not YET
1614	BRI	WEY	1900	All stations
1745	BRI	WEY	2036	All stations
2030	BRI	WEY	2249	7 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0556	WEY	BRI	0838	Not THO/CNO
0700	WEY	BRI	0941	4 stns missed
0900	WEY	BRI	1137	7 stns missed
1100	WEY	BRI	1341	All stations
1612	WEY	BRI	1835	6 stns missed (to CDF)
1800	WEY	BRI	2034	4 stns missed
1945	WEY	BRI	2219	7 stns missed

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
2140	WSB	WEY	2307	6 stns missed

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1745	WEY	WSB	1908	6 stns missed

13 May 1985 to 28 September 1985

MONDAYS to FRIDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	WSB	YVP	0639		0655	YVP	BRI	0839	All stns (to CDF)
0600	BRI	WEY	0844	4 stns missed	0700	WEY	WSB	0841	All stations
0855	WSB	WEY	1030	Not UPW	0849	WEY	WSB	1034	All stations
1114	WSB	WEY	1243	Not THO/YET/CNO	1110	WEY	WSB	1248	All stations
1310	WSB	WEY	1447	All stations	1305	WEY	WSB	1442	Not UPW
1510	WSB	WEY	1647	All stations	1505	WEY	BRI	1732	5 stns missed
1618	BRI	WEY	1851	All stations	1706	WEY	BRI	1933	5 stns missed
1930	WSB	WEY	2109	All stations	1936	WEY	BRI	2157	8 stns missed
2110	WSB	WEY	2242	Not THO/CNOUPW	2114	WEY	BRI	2323	9 stns missed (to WSM)

SATURDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0510	BRI	WEY	0754	4 stns missed	0600	WEY	BRI	0839	Not CNO/THO
0720	BRI	WEY	0921	12 stns missed (fr CDF)	0700	WEY	BRI	0929	4 stns missed
0820	BRI	WEY	1049	4 stns missed	0914	WEY	BRI	1034	9 stns missed
0935	BRI	WEY	1146	9 stns missed	1020	WEY	BRI	1229	11 stns missed (to CDF)
1048	BRI	WEY	1431	BTH/WSB* (fr CDF, via BMO)	1140	WEY	BRI	1408	Not AVF/FFD
1310	WSB	WEY	1447	All stations	1256	WEY	BRI	1628	WSB/BTH (via BMO)
1510	WSB	WEY	1647	All stations	1305	WEY	WSB	1442	Not UPW
1618	BRI	WEY	1851	All stations	1505	WEY	BRI	1732	5 stns missed
1930	WSB	WEY	2109	All stations	1706	WEY	WSB	1848	All stations
2110	WSB	WEY	2242	Not THO/CNOUPW	1936	WEY	BRI	2153	8 stns missed
					2114	WEY	BRI	2323	9 stns missed

* - 18/05-31/08 only, via Bournemouth

SUNDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0900	WSB	WEY	1029	5 stns missed	0734	WEY	BRI	0952	11 stns missed
0910	BRI	WEY	1148	5 stns missed	1130	WEY	WSB	1300	5 stns missed
1010	BRI	WEY	1223	11 stns missed	1525	WEY	BRI	1741	11 stns missed
1450	WSB	WEY	1618	5 stns missed	1800	WEY	BRI	2023	6 stns missed
1905	WSB	WEY	2029	5 stns missed	2114	WEY	BRI	2333	9 stns missed
2030	BRI	WEY	2242	10 stns missed					

29 September 1985 to 11 May 1986

MONDAYS to FRIDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	WSB	YVP	0639		0655	YVP	BRI	0839	All stns (to CDF)
0600	BRI	WEY	0844	4 stns missed	0700	WEY	WSB	0841	All stations
0855	WSB	WEY	1030	Not UPW	0849	WEY	WSB	1034	All stations
1114	WSB	WEY	1243	Not THO/YET/CNO	1110	WEY	WSB	1248	All stations
1310	WSB	WEY	1447	All stations	1305	WEY	WSB	1442	Not UPW
1510	WSB	WEY	1647	All stations	1505	WEY	BRI	1732	5 stns missed
1618	BRI	WEY	1851	All stations	1706	WEY	BRI	1933	5 stns missed
1930	WSB	WEY	2109	All stations	1936	WEY	BRI	2157	8 stns missed
2110	WSB	WEY	2242	Not THO/CNOUPW	2114	WEY	BRI	2323	9 stns missed (to WSM)

SATURDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	WSB	YVP	0639		0655	YVP	BRI	0839	All stns (to CDF)
0600	BRI	WEY	0844	4 stns missed	0700	WEY	WSB	0841	All stations
0855	WSB	WEY	1030	Not UPW	0849	WEY	WSB	1034	All stations
1114	WSB	WEY	1243	Not THO/YET/CNO	1110	WEY	WSB	1248	All stations
1310	WSB	WEY	1447	All stations	1305	WEY	WSB	1442	Not UPW
1510	WSB	WEY	1647	All stations	1505	WEY	BRI	1732	5 stns missed
1618	BRI	WEY	1851	All stations	1706	WEY	BRI	1933	5 stns missed
1930	WSB	WEY	2109	All stations	1936	WEY	BRI	2157	8 stns missed
2110	WSB	WEY	2242	Not THO/CNOUPW	2114	WEY	BRI	2323	9 stns missed (to WSM)

SUNDAYS

<i>Southbound</i>					<i>Northbound</i>				
<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>	<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
2030	BRI	WEY	2242	10 stns missed	1800	WEY	BRI	2023	6 stns missed

04 October 1993 to 28 May 1994

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	BRI	WEY	0824	Not FFD/AVF (fr CDF)
0720	WSB	FRO	0729	(fr WMN)
0831	BRI	WEY	1042	Not FFD/AVF
0931	BRI	WEY	1147	All stations
1158	BRI	WEY	1428	All stations
1431	BRI	WEY	1716	All stations
1631	BRI	WEY	1857	All stations
1731	BRI	WEY	1944	All stations
1908	WSB	FRO	1917	
2011	WSB	FRO	2020	
2052	BRI	WEY	2256	4 stns missed
2240	BRI	FRO	2338	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0640	FRO	WSB	0648	
0555	WEY	BRI	0807	4 stns missed (to SWI)
0740	FRO	WSB	0748	
0656	WEY	BRI	0907	Not UPW
0840	WEY	BRI	1048	5 stns missed
1059	WEY	BRI	1313	All stations
1300	WEY	BRI	1513	All stations
1500	WEY	BRI	1713	All stations
1726	WEY	BRI	1940	Not AVF/FFD
1952	FRO	WSB	2000	
1935	WEY	BRI	2150	4 stns missed (to CDF)

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	BRI	WEY	0832	Not FFD/AVF (fr CDF)
0831	BRI	WEY	1042	Not FFD/AVF
0931	BRI	WEY	1147	All stations
1158	BRI	WEY	1428	All stations
1331	BRI	WEY	1547	All stations
1631	BRI	WEY	1857	All stations
1731	BRI	WEY	1944	All stations
1903	WSB	FRO	1912	(fr SOU)
2055	WSB	CLC	2115	Not BRU (fr PAD)
2052	BRI	WEY	2256	5 stns missed
2345	WSB	FRO	2354	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0640	FRO	WSB	0648	
0555	WEY	BRI	0807	4 stns missed
0656	WEY	BRI	0907	Not UPW
0840	WEY	BRI	1107	All stations
1059	WEY	BRI	1313	All stns (to CDF)
1300	WEY	BRI	1513	All stations
1500	WEY	BRI	1711	All stns (to CDF)
1726	WEY	BRI	1940	All stations
1952	FRO	BRI	2000	
1935	WEY	BRI	2154	4 stns missed (to CDF)

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1240	WSB	CLC	1306	
1348	BRI	WEY	1618	4 stns missed (fr CDF)
1748	BRI	WEY	2006	All stns (fr CDF)
2105	BRI	WEY	2327	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1322	CLC	BRI	1452	All stns (to CDF)
1448	WEY	BRI	1703	All stns (to CDF)
1630	WEY	BRI	1838	8 stns missed
1920	WEY	BRI	2134	All stns (to CDF)

29 May 1994 to 24 September 1994

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	BRI	WEY	0824	Not FFD/AVF (fr CDF)
0720	WSB	FRO	0729	
0833	BRI	WEY	1042	Not FFD/AVF
0900	BRI	WEY	1123	7 stns missed*
0933	BRI	WEY	1147	All stations
1158	BRI	WEY	1428	All stations
1433	BRI	WEY	1654	All stations
1633	BRI	WEY	1855	All stations
1733	BRI	WEY	1945	All stations
1903	WSB	CLC	1929	(fr SOU)
2011	WSB	FRO	2020	
2052	BRI	WEY	2256	5 stns missed
2240	BRI	FRO	2338	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	WEY	BRI	0807	Not UPW/OLFKYN (to SWI)
0740	FRO	WSB	0748	
0656	WEY	BRI	0907	Not UPW
0840	WEY	BRI	1048	5 stns missed
1100	WEY	BRI	1313	All stations
1300	WEY	BRI	1520	All stations
1457	WEY	BRI	1711	All stations
1630	WEY	BRI	1840	7 stns missed*
1726	WEY	BRI	1940	All stations
1935	CLC	WSB	2001	
1938	WEY	BRI	2154	4 stns missed (to CDF)

* - FX 30/05 - 02/06 & 11/07 - 08/09

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0555	BRI	WEY	0824	Not FFD/AVF (fr CDF)
0833	BRI	WEY	1042	Not FFD/AVF
0900	BRI	WEY	1123	7 stns missed
0933	BRI	WEY	1147	All stations
1158	BRI	WEY	1428	All stations
1433	BRI	WEY	1654	All stations
1633	BRI	WEY	1855	All stations
1733	BRI	WEY	1945	All stations
1903	WSB	FRO	1912	(fr SOU)
2055	WSB	CLC	2115	Not BRU (fr PAD)
2052	BRI	WEY	2256	5 stns missed
2329	WSB	FRO	2344	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0640	FRO	WSB	0648	
0555	WEY	BRI	0807	Not UPW/OLFKYN
0656	WEY	BRI	0910	Not UPW
0840	WEY	BRI	1052	Not FFD/AVF
1100	WEY	BRI	1313	All stns (to CDF)
1300	WEY	BRI	1513	All stations
1457	WEY	BRI	1711	All stns (to CDF)
1630	WEY	BRI	1840	7 stns missed
1726	WEY	BRI	1940	All stations
1952	FRO	BRI	2000	
1938	WEY	BRI	2154	4 stns missed (to CDF)

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0900	WSB	WEY	1035	All stations
0945	WSB	WEY	1116	5 stns missed
0905	BRI	WEY	1143	All stns (fr CDF)
1348	BRI	WEY	1618	5 stns missed (fr MFH)
1750	BRI	WEY	2006	All stns (fr CDF)
2033	BRI	WEY	2247	All stns (fr CDF)
2320	WSB	FRO	2329	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0830	WEY	BRI	1055	All stns (to CDF)
1225	WEY	BRI	1556	All stns (to CDF)
1448	WEY	BRI	1703	All stns (to CDF)
1630	WEY	BRI	1838	8 stns missed
1800	WEY	WSB	1920	4 stns missed
1920	WEY	BRI	2134	All stations
2026	WEY	WSB	2150	All stations

02 June 2002 to 28 September 2002

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0658	WSB	WEY	0824	All stations
0721	WSB	FRO	0730	
0830	BRI	WEY	1044	All stations
0933	BRI	WEY	1145	All stations
1203	BRI	WEY	1427	Not KYN
1433	BRI	WEY	1653	All stations
1633	BRI	WEY	1851	All stations
1733	BRI	WEY	1945	All stations
1757	KYN	FRO	1902	All stns (fr FAW)
1833	BRI	CLC	1951	All stns (fr WSM)
2011	WSB	FRO	2020	
2033	BRI	WEY	2246	All stations
2340	WSB	FRO	2350	(fr PMH)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0640	FRO	WSB	0648	
0540	WEY	BRI	0803	All stns (to TAU)
0740	FRO	TRO	0756	(to SWI)
0653	WEY	BRI	0911	All stations
0838	WEY	BRI	1053	Not AVF/FFD/ OLF (to TAU)
1102	WEY	BRI	1320	All stations
1300	WEY	BRI	1516	All stations
1457	WEY	BRI	1713	All stations
1720	WEY	BRI	1944	All stations
1905	FRO	WSB	1913	
1954	CLC	BRI	2114	All stns (to CDF)
1959	WEY	BRI	2209	Not AVF/FFD/ OLF

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0651	WSB	FRO	0700	
0744	YVP	WEY	0829	All stations
0755	WSB	WEY	0925	All stations
0903	BRI	WEY	1125	Not FFD/AVF
1203	BRI	WEY	1420	Not KYN
1433	BRI	WEY	1653	All stations
1633	BRI	WEY	1850	All stations
1733	BRI	WEY	1945	All stations
1833	BRI	CLC	1951	All stns (fr WSM)
1904	WSB	FRO	1913	(fr SOU)
2033	BRI	WEY	2246	All stations
2343	WSB	FRO	2352	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0706	FRO	BRI	0805	To CDF
0740	FRO	TRO	0756	(to SWI)
0653	WEY	BRI	0910	All stations
0838	WEY	BRI	1053	Not OLF/KYN (to CDF)
1040	WEY	BRI	1243	Not AVF/FFD/OLF/ KYN (to CDF)
1154	WEY	BRI	1405	Not AVF/FFD
1457	WEY	BRI	1710	All stns (to CDF)
1722	WEY	BRI	1939	All stations
1952	FRO	WSB	2000	
1959	WEY	BRI	2208	Not AVF/FFD/ OLF (to CDF)

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0830	WSB	WEY	0956	Not THOYET/CNO
0931	WSB	WEY	1054	Not UPW (fr WAR)
0900	BRI	WEY	1131	All stns (fr CDF)
1330	BRI	WEY	1604	All stations
1733	BRI	WEY	2006	All stns (fr CDF)
2039	BRI	WEY	2306	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0830	WEY	BRI	1044	All stations
1222	WEY	BRI	1445	Not AVF/FFD/ OLF/KYN
1430	WEY	BRI	1657	All stns (to CDF)
1626	WEY	BRI	1830	6 stns missed (to CDF)
1800	WEY	WSB	1931	All stns (to WAR)
2026	WEY	BRI	2245	Not AVF/FFD/OLF

29 September 2002 to 04 January 2003

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0658	WSB	WEY	0824	Not FFD/AVF
0721	WSB	FRO	0730	
0828	BRI	WEY	1044	All stations
0928	BRI	WEY	1145	All stations
1200	BRI	WEY	1427	Not KYN
1428	BRI	WEY	1653	All stations
1626	BRI	WEY	1851	All stations
1728	BRI	WEY	1945	All stations
1757	KYN	FRO	1850	All stns (fr FAW)
1835	BRI	CLC	1951	All stations
2011	WSB	FRO	2020	
2033	BRI	WEY	2246	All stations
2340	WSB	FRO	2350	(fr PMH)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0640	FRO	WSB	0648	
0540	WEY	BRI	0805	Not CNO/THO (to WSM)
0740	FRO	TRO	0756	(to SWI)
0653	WEY	BRI	0911	All stations
0838	WEY	BRI	1053	Not AVF/FFD/OLF
1102	WEY	BRI	1320	All stations
1300	WEY	BRI	1516	All stations
1457	WEY	BRI	1716	All stations
1720	WEY	BRI	1944	All stations
1954	CLC	BRI	2114	All stns (to CDF)
1959	WEY	BRI	2209	Not AVF/FFD/OLF

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0652	WSB	FRO	0701	
0744	YVP	WEY	0832	All stations
0755	WSB	WEY	0927	All stations
0858	BRI	WEY	1124	Not FFD/AVF
1200	BRI	WEY	1421	Not KYN
1428	BRI	WEY	1653	All stations
1628	BRI	WEY	1855	All stations
1728	BRI	WEY	1945	All stations
1833	BRI	CLC	1951	All stns (fr WSM)
1905	WSB	FRO	1914	
2033	BRI	WEY	2245	All stations
2343	WSB	FRO	2352	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0704	FRO	BRI	0802	All stations
0736	FRO	TRO	0756	(to SWI)
0653	WEY	BRI	0910	All stations
0838	WEY	BRI	1050	Not OLF/KYN
1040	WEY	BRI	1256	Not AVF/FFD/OLF/ KYN
1156	WEY	BRI	1407	Not AVF/FFD
1457	WEY	BRI	1711	All stns (to CDF)
1724	WEY	BRI	1945	All stations
1951	FRO	WSB	1959	
1959	WEY	BRI	2210	Not AVF/FFD/OLF/

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1432	WSB	WEY	1604	All stations
1753	BRI	WEY	2018	All stns (fr CDF)
2030	BRI	WEY	2306	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0945	FRO	BRI	1043	All stations
1430	WEY	BRI	1710	All stns (to CDF)
1626	WEY	WSB	1834	6 stns missed
1930	WEY	WSB	2100	All stations

11 June 2006 to 10 September 2006

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0632	WSB	WEY	0805	All stations
0706	WSB	FRO	0715	
0840	BRI	WEY	1056	All stations
0940	BRI	WEY	1156	All stations
1140	BRI	WEY	1410	All stations
1440	BRI	WEY	1656	All stations
1640	BRI	WEY	1852	All stns (fr FAW)
1740	BRI	WEY	2001	All stations
1802	BRI	FRO	1903	All stns (fr WOS)
1840	BRI	CLC	1956	All stns (fr FAW)
2011	WSB	FRO	2020	
2050	BRI	WEY	2304	All stations
0006	WSB	FRO	0015	(fr PMH)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0630	FRO	WSB	0638	
0540	WEY	BRI	0804	All stations
0720	FRO	TRO	0736	(to SWI)
0630	WEY	BRI	0910	All stns (to FAW)
0813	WEY	BRI	1035	Not AVF/FFD
1110	WEY	BRI	1330	All stations
1210	WEY	BRI	1430	All stations
1452	WEY	BRI	1728	All stns (to FAW)
1716	WEY	BRI	1937	All stations
2010	CLC	BRI	2130	All stns (to CDF)
2014	WEY	BRI	2209	Not AVF/FFD

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0632	WSB	WEY	0805	All stations
0652	WSB	FRO	0701	
0854	WSB	WEY	1026	All stations
0840	BRI	WEY	1056	All stations
0940	BRI	WEY	1156	All stations
1140	BRI	WEY	1420	All stns (fr CDF)
1440	BRI	WEY	1659	All stations
1640	BRI	WEY	1852	All stations
1740	BRI	WEY	2001	All stations
1917	WSB	FRO	1927	(fr SOU)
2050	BRI	WEY	2304	All stations
2345	WSB	FRO	0006	

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0706	FRO	BRI	0807	All stns (to CDF)
0736	FRO	TRO	0751	(to SWI)
0625	WEY	BRI	0910	All stns (to CDF)
0813	WEY	BRI	1053	Not AVF/FFD
1110	WEY	BRI	1330	All stations
1210	WEY	BRI	1330	All stations
1450	WEY	BRI	1715	All stns (to CDF)
1641	WEY	BRI	1900	Fast fr TRO
1716	WEY	BRI	1937	All stations
1930	FRO	WSB	1939	
2014	WEY	BRI	2228	Not AVF/FFD

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0901	WSB	WEY	1026	All stns (fr WAR)
0900	BRI	WEY	1129	All stns (fr CDF)
1425	WSB	WEY	1551	All stations
1605	WSB	WEY	1741	All stns
1755	BRI	WEY	2015	All stns (fr CDF)
2028	BRI	WEY	2257	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0825	WEY	BRI	1043	All stns (to CDF)
1113	WEY	WSB	1241	All stations
1415	WEY	BRI	1652	All stns (to CDF)
1605	WEY	BRI	1836	All stns (to CDF)
1759	WEY	WSB	1940	All stns (to WAR)
2019	WEY	WSB	2155	All stations

10 December 2006 to 19 May 2007

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0628	WSB	FRO	0638	
0604	BRI	WEY	0823	All stations
0804	BRI	WEY	1024	All stations
0904	BRI	WEY	1145	All stns (fr CDF)
1204	BRI	WEY	1425	All stns (fr CDF)
1504	BRI	WEY	1653	Not THOCNO/UPW (fr CDF)
1704	BRI	WEY	1927	All stns (fr CDF)
1748	BRI	WEY	2007	All stations
1944	WSB	FRO	1953	(fr PAD)
2004	BRI	FRO	2102	All stations
2052	BRI	WEY	2305	All stations
2316	BRI	FRO	0016	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0629	FRO	WSB	0638	(to PAD)
0647	FRO	BRI	0756	All stns (to CDF)
0535	WEY	BRI	0805	All stations
0644	WEY	BRI	0904	All stns (to CDF)
0844	WEY	BRI	1121	All stns (to CDF)
1051	WEY	BRI	1321	All stns (to CDF)
1251	WEY	BRI	1521	All stns (to CDF)
1451	WEY	BRI	1716	All stns (to CDF)
1721	WEY	BRI	1939	Not UPW
2017	FRO	WSB	2114	
1959	WEY	BRI	2209	All stations

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0658	WSB	WEY	0824	All stations
0845	WSB	WEY	1024	All stations
0904	BRI	WEY	1129	All stns (fr CDF)
1204	BRI	WEY	1429	All stns (fr CDF)
1504	BRI	WEY	1721	Not THOCNO/UPW (fr CDF)
1704	BRI	WEY	1925	All stns (fr CDF)
2004	BRI	WEY	1925	All stns (fr CDF)
2057	BRI	FRO	2157	All stns (fr CDF)
2304	BRI	FRO	0002	All stns (fr CDF)

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0654	FRO	BRI	0759	All stations
0648	WEY	BRI	0921	All stns (to CDF)
0846	WEY	BRI	1121	All stns (to CDF)
1051	WEY	BRI	1321	All stns (to CDF)
1249	WEY	BRI	1521	All stns (to CDF)
1449	WEY	BRI	1721	All stns (to CDF)
1721	WEY	BRI	1945	Not UPW
1958	WEY	BRI	2227	All stations

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1335	BRI	WEY	1558	All stations
1742	BRI	WEY	1957	All stations
2040	BRI	WEY	2303	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0935	FRO	BRI	1043	All stations
1400	WEY	BRI	1619	All stations
1800	WEY	BRI	2018	All stations
2003	WEY	BRI	2225	All stations

23 May 2010 to 5 September 2010

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0625	WSB	FRO	0635	
0544	BRI	WEY	0823	All stations
0840	BRI	WEY	1102	All stns (fr WOS)
0949	BRI	WEY	1208	All stns (fr GCR)
1149	BRI	WEY	1409	All stns (fr GCR)
1349	BRI	FRO	1446	All stns (fr GCR)
1448	BRI	WEY	1711	All stns (fr GMV)
1649	BRI	WEY	1913	All stns (fr GMV)
1749	BRI	WEY	2008	All stns (fr GCR)
1953	WSB	FRO	2002	(fr PAD)
1949	BRI	FRO	2047	All stns (fr GCR)
2049	BRI	WEY	2309	All stns (fr GMV)
2320	BRI	FRO	0018	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0607	FRO	WSB	0617	(to PAD)
0645	FRO	BRI	0654	All stns (to CDF)
0533	WEY	BRI	0806	All stns (to BPW)
0640	WEY	BRI	0905	All stns (to BPW)
0850	WEY	BRI	1129	All stns (to GCR)
1110	WEY	BRI	1336	All stns (to GCR)
1310	WEY	BRI	1536	All stns (to GCR)
1459	FRO	WSB	1508	
1555	FRO	WSB	1606	(to PAD)
1508	WEY	BRI	1729	All stns (to GCR)
1730	WEY	BRI	2005	All stations
2015	FRO	WSB	2026	
2101	FRO	WSB	2111	
2021	WEY	BRI	2244	All stations

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0549	BRI	WEY	0818	All stations
0840	BRI	WEY	1056	All stns (fr WOS)
0909	BRI	WEY	1142	6 stns missed
0949	BRI	WEY	1208	All stns (fr GCR)
1149	BRI	WEY	1408	All stns (fr GCR)
1349	BRI	FRO	1448	All stns (fr GCR)
1449	BRI	WEY	1709	All stns (fr GMV)
1649	BRI	WEY	1909	All stns (fr GMV)
1749	BRI	WEY	2008	All stns (fr GCR)
1949	BRI	FRO	2046	All stations
2049	BRI	WEY	2309	All stns (fr GMV)
2311	BRI	FRO	0007	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0637	FRO	BRI	0739	All stns (to CDF)
0640	WEY	BRI	0910	All stations
0850	WEY	BRI	1129	All stns (to GCR)
1110	WEY	BRI	1336	All stns (to GCR)
1310	WEY	BRI	1536	All stns (to GCR)
1459	FRO	WSB	1508	
1608	WEY	BRI	1835	All stns (to GMV)
1655	WEY	BRI	1929	6 stns missed
1728	WEY	BRI	2005	All stations
2053	FRO	WSB	2102	
2021	WEY	BRI	2244	All stations

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0900	WSB	WEY	1026	All stations
0900	BRI	WEY	1135	Not FFD/AVF
1424	WSB	WEY	1553	All stations
1754	BRI	WEY	2001	All stations
2050	BRI	WEY	2306	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0933	FRO	BRI	1045	All stations
1110	WEY	WSB	1244	All stations
1412	WEY	BRI	1633	All stations
1610	WEY	BRI	1833	All stations
1756	WEY	WSB	2018	All stations
2009	WEY	WSB	2237	All stations

12 December 2010 to 21 May 2011

MONDAYS to FRIDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0625	WSB	FRO	0635	
0544	BRI	WEY	0823	All stations
0840	BRI	WEY	1102	All stns (fr WOS)
0949	BRI	WEY	1208	All stns (fr GCR)
1149	BRI	WEY	1409	All stns (fr GCR)
1349	BRI	FRO	1448	All stns (fr GCR)
1448	BRI	WEY	1710	All stns (fr GMV)
1649	BRI	WEY	1913	All stns (fr GMV)
1749	BRI	WEY	2008	All stns (fr GCR)
1953	WSB	FRO	2002	(fr PAD)
1949	BRI	FRO	2047	All stns (fr GCR)
2049	BRI	WEY	2309	All stns (fr GMV)
2320	BRI	FRO	0018	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0607	FRO	WSB	0617	(to PAD)
0645	FRO	BRI	0745	All stns (to CDF)
0533	WEY	BRI	0806	All stns (to BPW)
0640	WEY	BRI	0905	All stns (to BPW)
0853	WEY	BRI	1129	All stns (to GCR)
1110	WEY	BRI	1336	All stns (to GCR)
1310	WEY	BRI	1536	All stns (to GCR)
1459	FRO	WSB	1508	
1555	FRO	WSB	1606	(to PAD)
1508	WEY	BRI	1729	All stns (to GCR)
1730	WEY	BRI	2008	All stations
2015	FRO	WSB	2026	
2101	FRO	WSB	2111	
2021	WEY	BRI	2244	All stations

SATURDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0549	BRI	WEY	0816	All stations
0840	BRI	WEY	1056	All stns (fr WOS)
0949	BRI	WEY	1208	All stns (fr GCR)
1149	BRI	WEY	1408	All stns (fr GCR)
1349	BRI	FRO	1448	All stns (fr GCR)
1449	BRI	WEY	1711	All stns (fr GMV)
1649	BRI	WEY	1909	All stns (fr GMV)
1749	BRI	WEY	2008	All stns (fr GCR)
1949	BRI	FRO	2046	All stations
2049	BRI	WEY	2309	All stns (fr GMV)
2311	BRI	FRO	0007	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0637	FRO	BRI	0739	All stns (to CDF)
0640	WEY	BRI	0905	All stations
0846	WEY	BRI	1129	All stns (to GCR)
1110	WEY	BRI	1336	All stns (to GCR)
1310	WEY	BRI	1536	All stns (to GCR)
1459	FRO	WSB	1508	
1555	FRO	WSB	1605	(to PAD)
1508	WEY	BRI	1729	All stns (to GCR)
1728	WEY	BRI	2005	All stations
2053	FRO	WSB	2102	
2021	WEY	BRI	2244	All stations

SUNDAYS

Southbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
1355	BRI	WEY	1615	All stations
1744	BRI	WEY	2001	All stations
2050	BRI	WEY	2306	All stations

Northbound

<i>Dep</i>	<i>From</i>	<i>To</i>	<i>Arr</i>	<i>Pattern</i>
0939	FRO	BRI	1045	All stations
1400	WEY	BRI	1623	All stations
1756	WEY	BRI	2018	All stations
2009	WEY	BRI	2237	All stations

Commentary.

In **Summer 1973** on weekdays there were 7 services each way (one northbound terminating at Westbury). Only 4 trips were all-stations, and the one through working from Cardiff skipped 8 stops on the way south but only 4 on the return. The first Weymouth arrival was 0831 with the last 2251, and the first Bristol arrival 0840 with the last at 2230. 4 southbound services left Temple meads at xx08, but without any other regularity, and a gap of almost 4 hours in the afternoon. Saturdays saw the same basic pattern but expanded to 9 south and 10 north (the imbalance being a through working to Oxford that came down via Bournemouth but returned via Westbury - the other holiday services were all routed mainline both ways). Sundays had 6 south and 5 north, the first pair of trains to Weymouth arriving just 23 minutes apart, but at least enabling day trips to the resort.

The weekday timetable remained unchanged into **Winter 1973**, and the holidays extras deleted from the Saturday timetable to make it the same as weekdays. On Sundays, however, there was just the one round trip as far north as Westbury (with connections to/from Bristol). This departed Weymouth at 1743 and arrived back at 2213 - presumably with hardly anyone on board.

Winding forward to **Summer 1985**, on weekdays there were 8 round trips, the addition being to plug the big afternoon gap, although waits of over 2 hours still remained. However, the first Bristol arrival (at 0839) was formed by a Westbury-Yeovil and Yeovil-Cardiff working, thus precluding commuting from further south. The first Weymouth arrival was slightly later, at 0844, while the last was advanced marginally to 2242. On the other hand, the last Bristol arrival was now significantly later, at 2323. Only the early turn from Yeovil ran through to Cardiff, whilst the last was extended to Weston-super-Mare. Westbury terminators were common, there being only 2 through Bristol-Weymouth and 4 Weymouth-Bristol services. On Saturdays 2 of the 10 southbound services ran through from Cardiff as 'express' workings (one calling Bath, Westbury then going via Bournemouth). 4 only ran from Westbury, and 4 were all stations, as compared to the 11 northbound services of which only 2 started from Westbury and 1 called all-stations. The Sunday timetable was recognisably similar in structure to that of a decade before, although the last departure from Weymouth was 90 minutes later.

Winter 1985 was the same format as 1973, with no change to the weekday timetable and the Saturday one becoming the same. The solitary Sunday service now was a round trip to Bristol, leaving at 1800 and returning at 2242, having skipped 6 stations northbound and 10 southbound.

By **Winter 1993** the Westbury terminators had been dispensed with, and the number of weekday workings the full length of HoWL rose from 2 to 8 southbound and from 4 to 9 northbound. The variable calling pattern remained, however. The other notable feature was the emergence of a couple of services extending from Westbury to Frome / Castle Cary to plug some gaps. The first Weymouth arrival was 0824 with the last 2256, and the first Bristol arrival earlier at 0807 with the last also earlier, at 2154. Four southbound services left Temple meads at xx53, but there was no real sign of a regular pattern overall. The number of intermediate calls, especially south of Westbury,

had increased, but a service gap of 2½ hours in the afternoon remained. Apart from the Frome extenders, the Saturday timetable was identical. On Sundays, though, there were three services rather than the single one in previous decades to and from Weymouth, although the earliest arrival of 1618 at Weymouth and 1703 at Bristol (from Yeovil southwards) still precluded the large majority of potential day trips.

The **Summer 1994** weekday timetable saw little change, but with the 1433 ex-Bristol now being spared its 21-minute layover at Frome, and the 1908 ex-Westbury being extended from Frome to Castle Cary. A high summer Friday-excepted service was a significant innovation, missing 7 station calls on its way south but still taking 7 minutes longer than the following all-stations service, which arrived less than half an hour later. The return working, though, plugged the afternoon gap of 2½ hours in departures from Weymouth, and so should have been popular. South of Westbury, the Saturdays timetable was almost identical to that on weekdays - all traces of the holiday extras having gone. Sundays saw the morning enhancement as in previous years, but still with the 3 morning arrivals at Weymouth bunched to within 68 minutes of each other, followed by a 4½ hour gap. Three services ran to and from Cardiff.

Eight years on, and the **Summer 2002** weekday timetable had changed little. The first southbound had sometimes ran as a through portion of a Portsmouth train from Bristol, but now started from Westbury, although still arriving in Weymouth at 0824. The summer extra was absent, making the total of 8 south and northbound one fewer than previously. All ran to within 5 minutes of their 1994 times, apart from the first and last services in each direction, which were decelerated but calling at more or all stations. The Saturday timetable was now decoupled from the weekday one, with the mornings on a slightly different pattern but the same frequency, although the 1433/1633/1733/2033 clockface southbound departures times from Bristol remained. On Sundays the times had shifted somewhat, without altering the basic structure, and curiously although more station calls were made by southbound trains, the opposite was true for northbound ones.

The continuity between summer and winter had been broken by **Winter 2002**, although changes on weekdays were limited almost entirely to southbound trains, where the xx33 departure slot from Bristol was (mostly) brought forward by 5-8 minutes, with slower journey times. The same applied on Saturdays, but with further marginal differences from weekdays creeping in. The 3 each way on a Sunday afternoon remained, albeit with the times varying slightly, but now only with one running as a through service to/from Bristol.

This pattern evolved by **Summer 2006** into a timetable that whilst it still did not go further than the post-privatisation minimum frequency, had nevertheless been fine tuned in a number of ways. On weekdays all services were now all stations (with two northbound exceptions), and the xx40 slot from Bristol was used by all services from 0840 to 1840. The first Weymouth arrival was now an earlier 0805, matching the first Bristol arrival which had advanced to 0804 a couple of years earlier. The last departures, though, were deferred by 20-30 minutes, although 3-hour gaps remained. More minor differences between weekdays and Saturdays had crept in, and Sundays had not evolved significantly.

By **Winter 2006** there were 8 round trips on weekdays, all running the full distance, together with a further 4 south and 3 north Frome extensions of Bristol / Westbury

services. 7 of the southbound services left Temple Meads at xx04 (one of which was the only train to omit any station calls), and 4 of the northbound services Weymouth at xx51. 4 southbound and 6 northbound services continued from / to Cardiff. The first Bristol arrival was 0805, the last 2209; while the first Weymouth arrival was 0823, and the last 2305. Despite three 3-hour gaps, there was only a 48-minute gap between the late afternoon departures from Bristol. Heading north, though, only one gap exceeded 2 hours.

The Saturday timetable had drifted further from the weekday one, to the point where only a half of services were identical. The first two southbound services started from Westbury, and there was one less round trip in each direction. Sundays saw 3 round trips in the afternoon, plus one morning northbound service starting from Frome.

The impact of the switch from Cardiff to Gloucester had bedded down by **Summer 2010**. There were still 8 round trips between Bristol and Weymouth, but the Frome had added some infill turns, including an extra call in Paddington - West of England and return service. A slightly more even spacing of trains was evident, with again a semi-clockface pattern. Despite the changes, the first Weymouth arrival was a familiar 0823 and Bristol at 0806, with the last arrivals of 2309 and 2244 respectively. Three southbound service started back at Great Malvern and one at Worcester, but northbound none penetrated beyond Gloucester.

Saturdays had become slightly more similar to weekdays, but still with several minor differences. The 'sand, sea and cycle' loco-hauled set continued in operation over high summer, providing useful additional capacity and 'family-friendly' seating; but it was slotted into a 70-minute gap southbound and 80-minute gap northbound, and so was not as useful as it could have been. Sundays retained a similar feel, with the two summer-only southbound trains barely an hour apart, followed by a 5-hour gap.

Apart from a couple of minor tweakings, the weekday and Saturday timetable has continued unchanged into **Winter 2010**, while the Sunday timetable was barely changed from that of 4 years earlier - and indeed was very similar to that in 1993.

1b: Train Service Summary - Yeovil Pen Mill Departures

'Summer' is the standard railway timespan typically from mid May / early June to mid September / early October.

'Winter' is the standard railway timespan starting New Year (mid December from 2006 onwards, for European harmonisation).

Summer 1973

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0729	0640	0729	0640	1014	0752
1004	0825	0911	0825	1040	1212
1151	1058	1001	1002	1211	1740
1354	1303	1108	1312	1529	1826
1746	1654	1204	1351	1923	2025
1942	1841	1354	1507	2129	
2159	2036	1752	1647		
		1945	1713		
		2159	1847		
			2043		

Winter 1973/74

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0729	0640	0729	0640	2129	1826
1004	0825	1004	0825		
1151	1058	1151	1058		
1354	1303	1354	1303		
1746	1654	1746	1654		
1942	1841	1945	1841		
2159	2036	2159	2043		

Summer 1980

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0700	0646	0700	0654	1016	0818
0952	0753	0843	0753	1055	1217
1104 FX	0952	0952	0952	1138	1658
1151	1151	1103	1103	1622	1828
1359	1536	1134	1225	1948	2030
1802	1802 FX	1359	1330	2223	
1936	1855	1802	1536		
2206	2039	1936	1642		
		2206	1855		
			2039		

Winter 1980/81

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0700	0646
0952	0753
1151	0952
1359	1151
1802	1536
1936	1855
2206	2039

SATURDAYS

<i>South</i>	<i>North</i>
0700	0646
0952	0753
1151	0952
1359	1151
1802	1855
1936	2039
2206	

SUNDAYS

<i>South</i>	<i>North</i>
2223	1828

Summer 1982

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0706	0637
0956	0800
1054 FX	1000
1159	1200
1358	1400
1544	1645
1810	1901
1955	1917 FX
2156	2047

SATURDAYS

<i>South</i>	<i>North</i>
0655	0654
0845	0753
0958	0957
1127	1040
1358	1218
1600	1358
1800	1640
1955	1901
2156	2047

SUNDAYS

<i>South</i>	<i>North</i>
1016	0818
1101	1217
1138	1658
1554	1828
1952	2030
2222	

Summer 1983

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0706	0637
0956	0800
1200	1000
1358	1200
1541	1356
1800	1712
1953	1851
2157	2047

SATURDAYS

<i>South</i>	<i>North</i>
0655	0654
0841	0800
0956	0957
1106	1104
1350	1213
1541	1350
1800	1550*
1953	1642
2227	1855
	2047

SUNDAYS

<i>South</i>	<i>North</i>
1016	0818
1101	1217
1136	1549**
1554	1658
1952	1826
2224	2030

[* - 02/07 - 27/08 only]

[** - 03/07 - 28/08 only]

Summer 1985

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0752	0655
0941	0755
1200	0942
1356	1201
1556	1355
1800	1555
2022	1759

SATURDAYS

<i>South</i>	<i>North</i>
0655	0655
0841	0755
0958	0957
1105	1104
1356	1232
1556	1355
1800	1555

SUNDAYS

<i>South</i>	<i>North</i>
0946	0818
1105	1217
1137	1609
1533	1844
1948	2156
2157	

2157	2017	2016	1759
	2156	2157	2017
			2156

Winter 1985

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0752	0655	0752	0655	2157	1844
0941	0755	0941	0755		
1200	0942	1200	0942		
1356	1201	1356	1201		
1556	1355	1556	1355		
1800	1555	1800	1555		
2022	1759	2016	1759		
2157	2017	2157	2017		
	2156		2156		

Summer 1986

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0752	0655	0655	0655	0945	0819
0941	0755	0838	0755	1103	1217
1202	0940	0955	1000	1138	1610
1356	1201	1108	1106	1533	1844
1556	1355	1356	1233	1949	2158
1800	1555	1556	1355	2158	
2018	1759	1800	1555		
2158	2018	2018	1759		
	2158	2158	2018		
			2158		

Winter 1993/94

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0744	0638	0744	0638	1533	1532
0956	0739	0956	0739	1917	1712
1101	0924	1101	0924	2237	2004
1344	1143	1344	1143		
1629	1344	1459	1344		
1810	1544	1810	1544		
1859	1812	1859	1812		
2211	2019	2211	2019		

Summer 1994

<u>MONDAYS to FRIDAYS</u>		<u>SATURDAYS</u>		<u>SUNDAYS</u>	
<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0739	0638	0739	0638	0946	0914
0957	0739	0957	0739	1035	1309

1035*	0924	1035	0924	1055	1532
1100	1144	1100	1144	1533	1712
1344	1344	1344	1344	1920	1840
1608	1541	1500	1541	2203	2004
1810	1712*	1810	1712		2110
1900	1810	1900	1810		
2211	2022	2211	2022		

[* - FX, 30/05-02/06 &
11/07-02/09]

Summer 2002

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0739	0622
0958	0739
1101	0924
1343	1146
1608	1344
1805	1541
1900	1804
2201	2043

SATURDAYS

<i>South</i>	<i>North</i>
0744	0739
0840	0924
1032	1124
1336	1238
1608	1541
1805	1806
1900	2043
2201	

SUNDAYS

<i>South</i>	<i>North</i>
0914	0914
1011	1306
1046	1515
1517	1706
1921	1844
2222	2110

Winter 2002/03

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0739	0622
0958	0739
1101	0924
1343	1146
1608	1344
1805	1541
1900	1804
2201	2043

SATURDAYS

<i>South</i>	<i>North</i>
0744	0739
0840	0924
1036	1124
1337	1240
1608	1541
1808	1807
1900	2043
2201	

SUNDAYS

<i>South</i>	<i>North</i>
1515	1515
1930	1706
2222	2020

Summer 2003

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0737	0622
0957	0739
1100	0923
1343	1146
1608	1344
1803	1542
1859	1804
2201	2043

SATURDAYS

<i>South</i>	<i>North</i>
0744	0739
0841	0924
0958*	1124
1036	1242
1337	1542
1608	1715*
1808	1807
1900	2043
2201	

SUNDAYS

<i>South</i>	<i>North</i>
0943	0915
1010	1306
1045	1515
1514	1705
1921	1850
2220	2110

[* 12/07 to 30/08 only]

Winter 2003/04

MONDAYS to FRIDAYS

SATURDAYS

SUNDAYS

<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>	<i>South</i>	<i>North</i>
0738	0622	0744	0741	1514	1515
1000	0739	0840	0924	1921	1705
1102	0918	1037	1124	2220	2110
1343	1146	1339	1242		
1610	1344	1609	1542		
1803	1542	1807	1807		
1901	1804	1902	2043		
2203	2043	2203			

Summer 2004

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0737	0622
1000	0739
1102	0918
1343	1147
1610	1344
1803	1542
1901	1804
2203	2043

SATURDAYS

<i>South</i>	<i>North</i>
0744	0739
0840	0924
1011*	1124
1037	1242
1339	1542
1610	1717*
1808	1807
1902	2043
2203	

SUNDAYS

<i>South</i>	<i>North</i>
0944	0915
1013	1306
1047	1515
1514	1705
1923	1850
2235	2110

[* 12/07 to 30/08 only]

Winter 2004/05

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0719	0626
1010	0728
1110	0859
1324	1157
1610	1256
1807	1538
1915	1806
2218	2100

SATURDAYS

<i>South</i>	<i>North</i>
0719	0714
1010	0859
1110	1157
1324	1256
1610	1538
1807	1806
1915	2100
2218	

SUNDAYS

<i>South</i>	<i>North</i>
1514	1515
1923	1705
2212	2105

Summer 2005

MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0719	0626
1010	0728
1110	0859
1324	1154
1610	1256
1807	1538
1915	1806
2218	2100

SATURDAYS

<i>South</i>	<i>North</i>
0719	0714
0938*	0859
1019	1157
1110	1256
1337	1538
1613	1719*
1807	1806
1915	2100
2221	

SUNDAYS

<i>South</i>	<i>North</i>
0944	0911
1045	1159
1507	1506
1657	1655
1923	1850
2214	2105

[* 09/07 to 27/08 only]

Winter 2005/06
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0719	0626
1010	0728
1110	0859
1324	1159
1610	1256
1807	1538
1915	1806
2218	2100

SATURDAYS

<i>South</i>	<i>North</i>
0719	0714
1011	0859
1110	1157
1323	1256
1610	1538
1807	1806
1915	2100
2218	

SUNDAYS

<i>South</i>	<i>North</i>
1507	1506
1923	1651
2214	2105

Summer 2006
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0719	0626
1010	0728
1110	0859
1324	1159
1610	1256
1807	1538
1915	1806
2218	2100

SATURDAYS

<i>South</i>	<i>North</i>
0719	0714
0938	0859
1010	1159
1110	1256
1323	1538
1613	1727
1807	1817
1915	2112
2218	

SUNDAYS

<i>South</i>	<i>North</i>
0942	0911
1045	1159
1505	1506
1654	1653
1921	1845
2212	2105

Winter 2006/07
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0734	0621
0933	0734
1033	0932
1340	1139
1632	1339
1838	1537
1922	1805
2218	2047

SATURDAYS

<i>South</i>	<i>North</i>
0738	0737
0937	0936
1041	1149
1343	1337
1631	1537
1838	1805
2131	2044

SUNDAYS

<i>South</i>	<i>North</i>
1513	1446
1912	1846
2218	2049

Summer 2007
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0734	0621
0933	0734
1033	0932
1340	1139
1632	1339
1838	1537
1922	1805
2218	2047

SATURDAYS

<i>South</i>	<i>North</i>
0738	0737
0938	0936
1041	1149
xxxx*	1236
1343	1537
1631	xxxx*
1838	1842
1938	2046
2219	

SUNDAYS

<i>South</i>	<i>North</i>
0939	1154
1043	1459
1500	1659
1912	1846
2218	2049

[* 'Sand, Sea & Cycle' reinstated after timetable printed]

Winter 2007/08
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0721	0626
1008	0730
1116	0856
1317	1203
1623	1405
1824	1557
1916	1757
2215	2049

SATURDAYS

<i>South</i>	<i>North</i>
0716	0725
1008	0856
1116	1203
1318	1405
1626	1558
1829	1757
1919	2044
2213	

SUNDAYS

<i>South</i>	<i>North</i>
1519	1446
1920	1846
2218	2055

Summer 2008
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0734	0626
0933	0731
1033	0936
1340	1203
1632	1404
1838	1557
1922	1823
2218	2049

SATURDAYS

<i>South</i>	<i>North</i>
0738	0730
1008	0938
1041	1202
1116	1405
1318	1555
1616	1703
1829	1826
1917	2044
2216	

SUNDAYS

<i>South</i>	<i>North</i>
0940	1157
1044	1459
1500	1659
1914	1846
2223	2055

Winter 2008/09
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0734	0626
1009	0731
1116	0936
1317	1203
1623	1404
1824	1557
1919	1823
2217	2049

SATURDAYS

<i>South</i>	<i>North</i>
0739	0730
1008	0938
1116	1202
1318	1405
1623	1556
1830	1826
1919	2044
2216	

SUNDAYS

<i>South</i>	<i>North</i>
1519	1446
1914	1846
2218	2055

Summer 2009
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0734	0621
1009	0731
1116	0936
1317	1203
1623	1404
1824	1557
1919	1819
2220	2110

SATURDAYS

<i>South</i>	<i>North</i>
0739	0730
1010	0938
1049	1202
1116	1405
1318	1555
1616	1703
1819	1824
1919	2110
2219	

SUNDAYS

<i>South</i>	<i>North</i>
0940	1157
1043	1459
1500	1659
1914	1846
2218	2055

Winter 2009/10
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0735	0620
1012	0730
1117	0938
1317	1205
1624	1406
1821	1556
1919	1823
2220	2109

SATURDAYS

<i>South</i>	<i>North</i>
0731	0730
1007	0938
1117	1205
1317	1406
1624	1558
1821	1823
1919	2109
2220	

SUNDAYS

<i>South</i>	<i>North</i>
1520	1448
1912	1844
2219	2057

Summer 2010
MONDAYS to FRIDAYS

<i>South</i>	<i>North</i>
0735	0620
1012	0730
1117	0938
1317	1205
1624	1406
1821	1556
1919	1823
2220	2109

SATURDAYS

<i>South</i>	<i>North</i>
0731	0730
1007	0938
1049	1205
1117	1406
1317	1705
1624	1741
1821	1814
1919	2109
2220	

SUNDAYS

<i>South</i>	<i>North</i>
0942	1201
1047	1503
1504	1658
1912	1844
2219	2057

1c: Government timetable requirements.

The PSR (public service requirement), as applied to Wessex Trains (2002-2006):

Operation	Per day	Service requirements
Mon-Fri (Winter)	9	8 To call at Bath, Westbury, Frome, Bruton, Castle Cary, Yeovil, Thornford, Yetminster, Chetnole, Maiden Newton, Dorchester and Upwey. Early train may skip Chetnole & Thornford. One service may involve connection. Maximum journey time 150 minutes down and 144 minutes up. An additional service between Bristol & Frome is also included.
Saturday (Winter)	9	7 To call at Bath, Westbury, Frome, Bruton, Castle Cary, Yeovil, Thornford, Yetminster, Chetnole, Maiden Newton, Dorchester and Upwey. One service may involve connection. Maximum journey time 145 minutes down and 136 minutes up. Additional services between Bristol & Frome and Yeovil & Weymouth are also included.
Sunday (Winter)	3	3 To call at Bath, Westbury, Frome, Bruton, Castle Cary, Yeovil, Thornford, Yetminster, Chetnole, Maiden Newton, Dorchester and Upwey. 1 service may involve connection and 1 may skip Bruton, Thornford, Yetminster, Chetnole & Upwey. Maximum journey time 150 minutes down and 141 minutes up. Best endeavours are to be made to achieve connections with FGW services at Westbury. 1 additional service between Westbury and Weymouth to be operated in May.
Mon-Fri (Summer)	9	As Winter
Saturday (Summer)	9	As Winter
Sunday (Summer)	6	6 To call at Bath, Westbury, Frome, Bruton, Castle Cary, Yeovil, Thornford, Yetminster, Chetnole, Maiden Newton, Dorchester and Upwey, two of which may start from Westbury. One service may involve connection and one may skip Bruton, Thornford, Yetminster, Chetnole and Upwey. Maximum journey time 158 minutes down and 148 minutes up. Best endeavours are to be made to achieve connections with FGW services at Westbury.

The SLC2 (service level commitment), as applied to the 'Greater Western' franchise in 2006:

F4 WESTBURY – WEYMOUTH

1 Route Definition

- 1.1 Services shall be provided between Westbury and Weymouth calling at Frome, Bruton, Castle Cary, Yeovil Pen Mill, Yetminster, Maiden Newton and Dorchester West.

- 1.2 Limited Stops shall be made at Thornford, Chetnole and Upwey.
- 1.3 Services may be joined to services specified in Route F2 (Bristol Temple Meads - Westbury) or Route F5 (Westbury – Swindon).

2 Frequency

2.1 Mondays to Fridays

- (a) One service may be provided from Westbury to Frome before 0715.
- (b) Two services shall be provided from Frome to Westbury between one and two hours before the Early Service from Weymouth. One of these services will run through to London Paddington arriving no later than 0845.
- (c) Between and including the Early and Late Services, eight services shall be provided at two-hourly intervals.
- (d) Two services shall be provided from Westbury to Frome. One of these shall run through from London Paddington departing there no later than 1830. The other service shall depart Westbury after 2359.
- (e) Two further services may be provided between Westbury and Frome

2.2 Saturdays

- (a) Between and including the Early and Late Services, seven services shall be provided at a maximum interval of 3 hours.
- (b) One additional service may be provided from Westbury to Frome before 0800.
- (c) Two services shall be provided from Westbury to Frome after the Late Service

2.3 Sundays

- (a) Between and including the Early and Late Services, three services shall be provided at a maximum interval of 4 hours 15 minutes. An additional service shall be provided in Summer. One service from Weymouth may omit to call at Upwey, Chetnole, Yetminster, Thornford and Bruton.
- (b) One service shall be provided from Frome to Westbury before 1000.

3 Limited Stops

3.1 Thornford and Chetnole

On Mondays to Fridays and Saturdays, one service shall call.

3.2 Upwey

- (a) On Mondays to Fridays and Saturdays, three services shall call.
- (b) On Sundays, two services shall call.

4 Early and Late Services

	<i>Early Service arrives at destination no later than:</i>		
<i>Route</i>	<i>Monday - Friday</i>	<i>Saturday</i>	<i>Sunday</i>
<i>Westbury -</i>	0915	0915	1615 (1115 in

<i>Early Service arrives at destination no later than:</i>			
<i>Route</i>	<i>Monday - Friday</i>	<i>Saturday</i>	<i>Sunday</i>
<i>Weymouth</i>			summer)
<i>Weymouth - Westbury</i>	0845	0845	1615

5 Maximum Journey Times

<i>Late Service departs no earlier than:</i>			
<i>Route</i>	<i>Monday - Friday</i>	<i>Saturday</i>	<i>Sunday</i>
<i>Westbury - Weymouth</i>	2115	1815	2100
<i>Weymouth - Westbury</i>	2000	2000	2000

<i>Route</i>	<i>Monday - Friday</i>	<i>Saturday</i>	<i>Sunday</i>
<i>Westbury - Weymouth</i>	1 hour 25 minutes	1 hour 25 minutes	1 hour 34 minutes with one exception of 1 hour 37 minutes permitted.
<i>Weymouth - Westbury</i>	1 hour 29 minutes with one exception of 1 hour 34 minutes permitted.	1 hour 29 minutes with one exception of 1 hour 34 minutes permitted.	1 hour 35 minutes

APPENDIX 2: Ticket Data - Journeys, Flows, Footfall.

2a: HoWL Line Journeys 2002/03 to 2010/11, and Severn-Solent comparisons.

Great Western - Allocated Journeys (000's)

RSP Period	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
1		50.1	49.5	51.9	71.2	71.4	94.9	74.3	129.8	134.8
2		51.2	52.1	59.2	67.5	70.5	92.1	88.0	114.9	122.1
3	52.6	52.4	61.1	61.7	77.6	80.2	93.5	121.1	122.6	129.3
4	52.6	60.9	66.8	61.9	77.6	83.5	93.1	127.1	120.3	129.0
5	62.1	67.5	70.5	60.4	84.7	90.0	101.0	129.8	123.5	134.4
6	57.3	64.1	65.8	65.3	78.0	81.1	101.3	122.6	115.3	124.8
7	50.7	54.9	59.1	64.4	66.0	77.7	96.1	127.8	118.5	
8	53.5	52.4	60.7	74.9	68.8	80.3	99.5	124.3	119.6	
9	51.3	53.5	59.1	65.1	73.1	82.4	100.7	129.6	123.4	
10	41.6	44.2	47.9	59.7	57.8	72.1	65.7	94.7	88.8	
11	43.1	47.9	51.9	60.1	66.4	85.4	69.2	106.7	113.1	
12	48.7	52.6	59.2	59.6	70.0	92.6	77.8	114.8	121.5	
13	52.1	55.8	61.7	48.9	67.6	94.0	76.6	128.3	107.0	
Total	565.6	707.5	765.3	793.2	926.5	1,061.1	1,161.5	1,489.0	1,518.4	774.4

Great Western - YoY Allocated Journey Growth

RSP Period	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
1			-1.2%	4.9%	37.2%	0.2%	33.0%	-21.7%	74.8%	3.9%
2			1.7%	13.6%	14.1%	4.4%	30.7%	-4.5%	30.7%	6.2%
3		-0.4%	16.5%	1.1%	25.8%	3.3%	16.5%	29.6%	1.2%	5.5%
4		15.8%	9.8%	-7.3%	25.4%	7.6%	11.6%	36.5%	-5.3%	7.2%
5		8.7%	4.4%	-14.3%	40.3%	6.2%	12.2%	28.6%	-4.9%	8.8%
6		11.8%	2.7%	-0.7%	19.4%	4.0%	24.9%	21.0%	-6.0%	8.3%
7		8.2%	7.6%	9.0%	2.6%	17.7%	23.7%	33.0%	-7.3%	
8		-2.1%	15.7%	23.4%	-8.1%	16.6%	23.9%	24.9%	-3.8%	
9		4.2%	10.6%	10.2%	12.3%	12.7%	22.2%	28.7%	-4.8%	
10		6.4%	8.3%	24.6%	-3.1%	24.7%	-8.8%	44.0%	-6.2%	
11		11.2%	8.3%	15.9%	10.3%	28.7%	-18.9%	54.1%	6.1%	
12		8.1%	12.5%	0.8%	17.4%	32.3%	-16.0%	47.5%	5.9%	
13		7.1%	10.6%	-20.8%	38.3%	39.0%	-18.5%	67.5%	-16.6%	
Total		25.1%	8.2%	3.6%	16.8%	14.5%	9.5%	28.2%	2.0%	-49.0%

Line	Journeys 2002/03 (k)	Journeys 2009/10 (k)	Change
Bristol - Weymouth	708	1518	+115%
Cardiff - Portsmouth	3843	4531	+18%
Bristol - Cardiff	261	727	+179%
Bristol - Exeter	903	1502	+66%
Bristol - Malvern	340	1011	+197%
Bristol - Severn Beach	349	674	+93%
Bath - Filton	170	223	+31%

Source: LENNON ticket issue data as provided by FGW. LENNON is the national database updated daily of all rail tickets sold.

2b: Top 100 Wessex Trains flows 2003/4, ranked by value

Rank	From	To	Value (£k)	Journeys (k)
1	<i>Cardiff Central</i>	<i>Bristol TM</i>	550	127
2	<i>Exmouth</i>	<i>Exeter Central</i>	534	292
4	Bath Spa	Bristol TM	387	159
5	Bristol TM	Bath Spa	356	144
6	Trowbridge	Bath Spa	336	160
17	Trowbridge	Bristol TM	176	49
28	Bradford-on-Avon	Bath Spa	127	79
35	Oldfield Park	Bristol TM	116	55
38	Bradford-on-Avon	Bristol TM	112	33
41	Westbury	Bath Spa	109	43
43	Bath Spa	Trowbridge	107	44
49	Bristol TM	Weymouth	87	14
65	Westbury	Bristol TM	68	17
70	Yeovil PM	Weymouth	63	25
79	Keynsham	Bristol TM	54	40
81	Bristol TM	Trowbridge	54	13
88	Yeovil PM	Bristol TM	49	8
90	Frome	Bristol TM	48	12
96	Weymouth	Bristol TM	44	6

Source: Lennon analysis

2c: Sales at the 34 staffed Wessex Trains stations 2003/4, ranked by value

Rank	From	Value (£k)	Issues (k)
1	<i>Cheltenham Spa</i>	4904	220
2	<i>Gloucester</i>	3955	188
8	Westbury	1617	66
9	Trowbridge	1103	108
10	Castle Cary	1079	30
23	Bradford-on-Avon	532	58
26	Yeovil Pen Mill	266	26
27	Frome	237	20

Source: Lennon analysis

2d: Footfall - journeys and ticket revenue from Wessex Trains stations, 2003/4.

Name	Journeys (k)			Revenue (£k)		
	Origin	Destination	Total	Origin	Destination	Total
<i>Gloucester</i>	409	347	* 782	5078	3374	8452
<i>Exmouth</i>	470	218	688	1276	807	2083
<i>Warminster</i>	217	73	* 294	1144	601	1745
Bristol TM	2299	3085	* 6270			n/k
Keynsham	111	46	157	345	142	487
Oldfield Park	113	32	144	297	81	378
Bath Spa	1583	1997	3668			n/k
Freshford	15	5	20	55	18	73
Avoncliff	5	2	8	19	8	26
Bradford-on-Avon	178	59	237	734	294	1028
Trowbridge	356	156	* 527	1526	766	2293
Westbury	199	85	* 420	2010	1110	3121
Frome	65	24	90	380	190	570
Bruton	12	5	16	52	33	85
Castle Cary	91	78	* 183	1850	1371	3220
Yeovil Pen Mill	59	36	95	326	236	562
Yeovil Junction			n/k			n/k
Thornford	1	1	1	3	2	5
Yetminster	5	2	7	17	10	27
Chetnole	1	½	2	6	3	9
Maiden Newton	14	6	20	42	21	64
<i>Dorchester BR**</i>	43	153	203	331	1105	1437
<i>Dorchester West**</i>	<½	<½	<½	½	2	2
Upwey	21	8	28			n/k
Weymouth	280	328	* 614			n/k

Source: Lennon analysis

- Notes
- * The overall total also includes interchange journeys.
 - ** Most tickets are issued to 'Dorchester Stations', and so are Valid to/from both Dorchester West and South.

2e: Footfall at HoWL stations, 2001/2 to 2009/10.

Name	Total originating and destinating journeys (k) [LENNON]					
	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
Bristol TM	n/k	n/k	5177	5641	6066	6549
Keynsham	132	131	157	169	188	210
Oldfield Park	139	139	144	150	157	177
Bath Spa	n/k	n/k	3668	3727	3905	4245
Freshford	19	19	20	21	21	23
Avoncliff	9	9	8	8	11	14
Bradford-on-Avon	220	219	237	254	251	260
Trowbridge	429	429	462	518	544	585
Westbury	225	230	270	292	306	318
Frome	78	81	90	92	93	100
Bruton	16	15	16	17	18	19
Castle Cary	n/k	n/k	183	183	194	171
Yeovil Pen Mill	88	91	95	99	99	103
<i>Yeovil Junction</i>	<i>n/k</i>	<i>n/k</i>	<i>155</i>	<i>174</i>	<i>193</i>	<i>195</i>
Thornford	2	2	1	1	2	3
Yetminster	6	6	7	6	6	7
Chetnole	2	2	2	2	2	3
Maiden Newton	22	22	20	18	18	16
Dorchester West	n/k	n/k	<1/2	<1/2	<1/2	<1/2
<i>Dorchester South</i>	<i>n/k</i>	<i>n/k</i>	<i>360</i>	<i>376</i>	<i>379</i>	<i>415</i>
Upwey	n/k	n/k	28	28	28	34
Weymouth	n/k	n/k	588	591	596	623
	2007/08	2008/09	2009/10	% change	01/02-09/10	05/07-09/10
Bristol TM	7082	7830	7876		n/a	+29.8
Keynsham	231	257	250		+89.4	+33.0
Oldfield Park	192	217	217		+56.1	+38.2
Bath Spa	4478	4758	4779		n/a	+22.4
Freshford	26	32	31		+63.2	+47.6
Avoncliff	15	16	16		+77.8	+45.5
Bradford-on-Avon	291	344	378		+71.8	+50.6
Trowbridge	571	613	652		+52.0	+19.9
Westbury	345	369	378		+68.0	+23.5
Frome	99	112	121		+55.1	+30.1
Bruton	19	23	26		+62.5	+44.4
Castle Cary	227	232	235		n/a	+21.1
Yeovil Pen Mill	105	111	116		+31.8	+17.2
<i>Yeovil Junction</i>	<i>210</i>	<i>216</i>	<i>211</i>		<i>n/a</i>	<i>+9.3</i>
Thornford	5	3	3		<insufficient data>	
Yetminster	6	6	6		<insufficient data>	
Chetnole	2	2	2		<insufficient data>	
Maiden Newton	18	22	23		+4.5	+27.8
Dorchester West	66	74	77		<insufficient data>	
<i>Dorchester South</i>	<i>390</i>	<i>448</i>	<i>466</i>		<i>n/a</i>	<i>+23.0</i>
Upwey	35	44	40		n/a	+42.9
Weymouth	662	714	747		n/a	+25.3

2f: Internal HoWL journeys, October 2009 - September 2010.

Origin	Destination												
	WSB	FRO	BRU	CLC	YVP	THO	YET	CNO	MDN	DCW	UPW	WEY	Sum
WSB	-	2171	252	426	712	2	6	6	411	360	21	4968	9334
FRO	2121	-	876	465	3324	6	3	3	56	635	20	10318	17827
BRU	438	1050	-	128	3590	8	21	5	16	221	5	1272	6754
CLC	576	546	180	-	2907	13	24	9	75	514	52	4801	9697
YVP	332	1396	868	819	-	203	488	171	385	3785	222	29672	38341
THO	2	8	9	19	641	-	7	6	10	488	4	415	1610
YET	61	18	58	19		1	-	42	39	948	27	1410	3144
CNO	4	0	2	4	359	2	9	-	11	551	3	295	1240
MDN	20	34	33	77	1254	14	17	17	-	5088	31	5114	11700
DCW	141	512	120	518	3879	169	291	107	1774	-	83	1248	8843
UPW	25	42	3	59	503	1	14	2	46	1553	-	617	2865
WEY	510	836	203	737	9552	103	311	49	1285	10583	401	-	24569
Sum	4230	6613	2605	3271	27242	522	1192	417	4109	24726	868	60130	113952

Top 10 one-way flows:

1.	Yeovil	>	Weymouth	29672	21.8%
2.	Weymouth	>	Dorchester	10583	7.8%
3.	Frome	>	Weymouth	10318	7.6%
4.	Weymouth	>	Yeovil	9552	7.0%
5.	Maiden Newton	>	Weymouth	5114	3.8%
6.	Westbury	>	Weymouth	4968	3.7%
7.	Castle Cary	>	Weymouth	4801	3.5%
8.	Dorchester	>	Yeovil	3879	2.9%
9.	Yeovil	>	Dorchester	3785	2.8%
10.	Bruton	>	Yeovil	3590	2.6%

Top 10 two-way flows:

1.	Weymouth	<>	Yeovil	39224	28.9%
2.	Dorchester	<>	Weymouth	11830	8.7%
3.	Frome	<>	Weymouth	11154	8.2%
4.	Dorchester	<>	Yeovil	7664	5.6%
5.	Dorchester	<>	Maiden Newton	6862	5.0%
6.	Castle Cary	<>	Weymouth	5538	4.1%
7.	Westbury	<>	Weymouth	5478	4.0%
8.	Frome	<>	Yeovil	4720	3.5%
9.	Bruton	<>	Weymouth	4458	3.3%
10.	Frome	<>	Westbury	4291	3.2%

2g: Journeys from HoWL stations, October 2009 - September 2010.

Total journeys by period.

	Location Name	2010/P07	2010/P08	2010/P09	2010/P10	2010/P11	2010/P12	2010/P13	2011/P01	2011/P02	2011/P03	2011/P04	2011/P05	2011/P06	Total	
Origin	WESTBURY WILTS	20,669	21,305	22,666	16,981	20,496	21,773	18,682	23,694	22,305	21,926	23,328	23,810	23,156	280,792	
	FROME	7,570	7,324	7,105	5,762	7,726	7,334	6,811	9,364	8,437	9,122	9,020	9,608	8,114	103,296	
	BRUTON	1,436	1,417	1,235	1,051	1,324	1,216	1,007	1,320	1,104	1,427	1,487	1,541	1,347	16,913	
	CASTLE CARY	10,524	10,731	11,530	7,515	10,797	11,223	9,959	11,585	11,486	13,355	15,175	12,531	11,898	148,310	
	YEovil PEN MILL	4,812	5,103	5,037	3,609	4,062	5,337	4,319	8,510	5,377	8,100	6,110	8,674	7,438	76,489	
	THORNford	217	220	218	139	169	164	143	194	174	196	202	194	204	2,434	
	YETMinSTER	349	352	503	336	282	354	241	477	316	279	395	496	428	4,807	
	CHETNOLE	120	81	78	123	79	106	102	154	88	137	110	278	199	1,656	
	MAIDEN NEWTON	1,460	1,260	1,452	1,086	1,240	1,357	1,054	1,283	1,122	1,034	1,001	1,231	1,142	15,721	
	DORCHESTER BR	2,424	2,602	2,699	1,914	2,130	2,524	2,079	2,642	2,258	2,563	2,524	2,932	2,851	32,142	
	UPWEY	293	354	322	225	309	323	245	415	373	405	462	563	455	4,744	
	WEYMOUTh	4,699	4,709	4,246	3,300	3,722	4,383	3,634	5,819	4,910	5,659	5,850	6,395	5,560	62,885	
	Destination	WESTBURY WILTS	8,503	8,740	8,477	6,630	8,392	9,061	7,775	9,636	8,939	9,069	9,450	9,702	9,375	113,749
		FROME	3,320	3,415	3,143	2,891	3,302	3,513	3,014	4,134	3,609	4,202	4,288	4,307	4,056	47,193
BRUTON		505	557	538	478	621	570	487	582	676	1,503	640	811	639	8,609	
CASTLE CARY		5,963	6,942	5,852	4,820	5,774	6,339	5,355	7,858	8,425	26,758	9,173	8,120	6,805	108,185	
YEovil PEN MILL		3,785	3,862	3,533	3,350	3,543	4,086	3,442	4,426	3,741	4,061	4,230	4,607	3,991	50,657	
THORNford		63	50	46	33	54	79	41	38	42	75	82	46	60	709	
YETMinSTER		107	104	114	108	69	108	110	151	136	143	208	135	187	1,680	
CHETNOLE		31	21	39	26	21	36	29	72	60	59	74	74	62	603	
MAIDEN NEWTON		498	552	456	323	395	411	410	592	535	544	473	528	545	6,263	
DORCHESTER BR		1,890	1,838	1,836	1,571	1,887	1,751	1,571	2,021	1,815	1,952	2,124	2,200	2,270	24,725	
UPWEY		131	129	90	88	86	73	70	106	108	167	124	203	175	1,550	
WEYMOUTh		8,086	6,518	4,217	3,840	4,348	6,366	5,533	15,326	12,233	19,477	16,190	24,027	15,445	141,605	
Total Journeys		WESTBURY WILTS	29,172	30,046	31,144	23,611	28,888	30,834	26,457	33,330	31,244	30,995	32,778	33,512	32,531	394,541
		FROME	10,890	10,739	10,248	8,653	11,028	10,846	9,825	13,498	12,047	13,323	13,308	13,914	12,170	150,490
	BRUTON	1,941	1,974	1,773	1,529	1,945	1,787	1,494	1,903	1,781	2,930	2,127	2,352	1,986	25,521	
	CASTLE CARY	16,486	17,673	17,382	12,335	16,572	17,562	15,314	19,444	19,910	40,113	24,348	20,652	18,703	256,495	
	YEovil PEN MILL	8,598	8,965	8,570	6,959	7,605	9,423	7,761	12,937	9,118	12,161	10,339	13,281	11,430	127,146	
	THORNford	279	270	264	172	224	243	184	232	216	271	284	241	264	3,143	
	YETMinSTER	456	455	617	444	351	462	351	628	452	422	603	630	615	6,486	
	CHETNOLE	152	102	117	149	100	141	131	225	149	196	184	352	261	2,259	
	MAIDEN NEWTON	1,958	1,812	1,909	1,409	1,634	1,769	1,464	1,876	1,657	1,578	1,474	1,759	1,687	21,985	
	DORCHESTER BR	4,314	4,440	4,535	3,486	4,016	4,275	3,650	4,663	4,073	4,515	4,648	5,131	5,121	56,867	
	UPWEY	424	483	412	313	395	397	315	521	480	572	586	766	630	6,294	
	WEYMOUTh	12,786	11,226	8,463	7,140	8,070	10,749	9,167	21,145	17,142	25,136	22,040	30,421	21,005	204,490	

Top 10 flows to or from **Westbury**:

1.	Westbury	>	Bath Spa	60377	15.3%
2.	Westbury	>	London BR	34343	8.7%
3.	Westbury	>	Bristol Temple M.	28083	7.1%
4.	Westbury	>	Trowbridge	22616	5.7%
5.	London BR	>	Westbury	21464	5.4%
6.	Westbury	>	Pewsey	11191	2.8%
7.	Bath Spa	>	Westbury	9138	2.3%
8.	Trowbridge	>	Westbury	8608	2.2%
9.	Westbury	>	Filton Abbey Wood	8480	2.1%
10.	Westbury	>	Salisbury	7917	2.0%

Top 10 flows to or from **Frome**:

1.	Frome	>	Bristol Temple M.	19566	13.0%
2.	Frome	>	Bath Spa	14678	9.8%
3.	Frome	>	Weymouth	10318	6.9%
4.	Frome	>	London BR	10269	6.8%
5.	Frome	>	Trowbridge	7469	5.0%
6.	London BR	>	Frome	6490	4.3%
7.	Bristol Temple M.	>	Frome	5657	3.8%
8.	Frome	>	Filton Abbey Wood	4161	2.8%
9.	Bath Spa	>	Frome	4102	2.7%
10.	Frome	>	Yeovil Pen Mill	3324	2.2%

Top 10 flows to or from **Bruton**:

1.	Bruton	>	Bath Spa	3903	15.3%
2.	Bruton	>	Yeovil Pen Mill	3590	14.1%
3.	Bruton	>	Bristol Temple M.	2645	10.4%
4.	Bristol Temple M.	>	Bruton	1370	5.4%
5.	Bath Spa	>	Bruton	1295	5.1%
6.	Bruton	>	Weymouth	1272	5.0%
7.	Bruton	>	Frome	1050	4.1%
8.	<i>Bruton</i>	>	<i>London BR</i>	931	3.6%
9.	Frome	>	Bruton	876	3.4%
10.	Yeovil Pen Mill	>	Bruton	868	3.4%

Top 10 flows to or from **Castle Cary**:

1.	Castle Cary	>	London BR	68056	26.5%
2.	London BR	>	Castle Cary	39153	15.3%
3.	Castle Cary	>	London + tube	15145	5.9%
4.	London Padd'ton	>	Castle Cary	11570	4.5%
5.	Castle Cary	>	Bristol Temple M.	5584	2.2%
6.	Castle Cary	>	Bath Spa	5358	2.1%
7.	Castle Cary	>	Weymouth	4801	1.9%
8.	Bristol temple M.	>	Castle Cary	3786	1.5%
9.	Castle Cary	>	Newbury	3696	1.4%
10.	Taunton	>	Castle Cary	3328	1.3%

Top 10 flows to or from **Yeovil Pen Mill**:

1.	Yeovil Pen Mill	>	Weymouth	29672	23.3%
2.	Yeovil Pen Mill	>	Bath Spa	11016	8.7%
3.	Yeovil Pen Mill	>	Bristol Temple M.	9773	7.7%
4.	Weymouth	>	Yeovil Pen Mill	9552	7.5%
5.	Bristol Temple M.	>	Yeovil Pen Mill	5284	4.2%
6.	Dorchester BR	>	Yeovil Pen Mill	3879	3.1%
7.	Yeovil Pen Mill	>	Dorchester BR	3785	3.0%
8.	Bruton	>	Yeovil Pen Mill	3590	2.8%
9.	Frome	>	Yeovil Pen Mill	3324	2.6%
10.	Castle Cary	>	Yeovil Pen Mill	2907	2.3%

Top 10 flows to or from **Thornford**:

1.	Thornford	>	Yeovil Pen Mill	641	20.4%
2.	Thornford	>	Bath Spa	552	17.5%
3.	Thornford	>	Dorchester BR	488	15.5%
4.	Thornford	>	Weymouth	415	13.2%
5.	Yeovil Pen Mill	>	Thornford	203	6.5%
6.	Dorchester BR	>	Thornford	169	5.4%
7.	Thornford	>	Bristol Temple M.	159	5.1%
8.	Weymouth	>	Thornford	103	3.3%
9.	Bristol Temple M.	>	Thornford	77	2.5%
10.	Trowbridge	>	Thornford	32	1.0%

Top 10 flows to or from **Yetminster**:

1.	Yetminster	>	Weymouth	1410	21.7%
2.	Yetminster	>	Bath Spa	963	14.9%
3.	Yetminster	>	Dorchester BR	948	14.6%
4.	Yetminster	>	Yeovil Pen Mill	521	8.0%
5.	Yeovil Pen Mill	>	Yetminster	488	7.5%
6.	Weymouth	>	Yetminster	311	4.8%
7.	Yetminster	>	Bristol Temple M.	308	4.7%
8.	Dorchester BR	>	Yetminster	291	4.5%
9.	Bristol Temple M.	>	Yetminster	156	2.4%
10.	Bath Spa	>	Yetminster	125	1.9%

Top 10 flows to or from **Chetnole**:

1.	Chetnole	>	Dorchester BR	551	24.4%
2.	Chetnole	>	Yeovil Pen Mill	359	15.9%
3.	Chetnole	>	Weymouth	295	13.1%
4.	Chetnole	>	Bath Spa	174	7.7%
5.	Yeovil Pen Mill	>	Chetnole	171	7.6%
6.	Dorchester BR	>	Chetnole	107	4.7%
7.	Chetnole	>	Bristol Temple M.	97	4.3%
8.	Chetnole	>	Taunton	54	2.4%
9.	Weymouth	>	Chetnole	49	2.2%
10.	Bath Spa	>	Chetnole	47	2.1%

Top 10 flows to or from **Maiden Newton**:

1.	Maiden Newton	>	Weymouth	5114	23.3%
2.	Maiden Newton	>	Dorchester BR	5088	23.1%
3.	Maiden Newton	>	Bath Spa	2091	9.5%
4.	Dorchester	>	Maiden Newton	1774	8.1%
5.	Weymouth	>	Maiden Newton	1285	5.8%
6.	Maiden Newton	>	Yeovil Pen Mill	1254	5.7%
7.	Maiden Newton	>	Bristol Temple M.	814	3.7%
8.	Bristol Temple M.	>	Maiden Newton	573	2.6%
9.	Westbury	>	Maiden Newton	411	1.9%
10.	Bath Spa	>	Maiden Newton	407	1.9%

Top 10 flows to or from **Dorchester (West)**:

1.	Weymouth	>	Dorchester BR	10583	18.6%
2.	Dorchester BR	>	Weymouth	6288	11.1%
3.	Maiden Newton	>	Dorchester BR	5088	8.9%
4.	Dorchester BR	>	Bristol Temple M.	4771	8.4%
5.	Dorchester BR	>	Yeovil Pen Mill	3879	6.8%
6.	Yeovil Pen Mill	>	Dorchester BR	3785	6.7%
7.	Dorchester BR	>	Maiden Newton	1774	3.1%
8.	Upwey	>	Dorchester BR	1553	2.7%
9.	Dorchester BR	>	Weymouth	1248	2.2%
10.	Dorchester BR	>	Cardiff Central	1209	2.1%

Top 10 flows to or from **Upwey**:

1.	Upwey	>	Dorchester BR	1553	24.7%
2.	Upwey	>	Weymouth	617	9.8%
3.	Upwey	>	Bath Spa	552	8.8%
4.	Upwey	>	Yeovil Pen Mill	503	8.0%
5.	Weymouth	>	Upwey	401	6.4%
6.	Upwey	>	Bristol Temple M.	396	6.3%
7.	Yeovil Pen Mill	>	Upwey	222	3.5%
8.	Upwey	>	Filton Abbey Wood	162	2.6%
9.	Bristol Temple M.	>	Upwey	136	2.2%
10.	Dorchester BR	>	Upwey	83	1.3%

Top 10 flows to or from **Weymouth**:

1.	Yeovil Pen Mill	>	Weymouth	29672	14.5%
2.	Bristol Temple M.	>	Weymouth	11671	5.7%
3.	Weymouth	>	Dorchester BR	10583	5.2%
4.	Frome	>	Weymouth	10318	5.0%
5.	Weymouth	>	Yeovil Pen Mill	9552	4.7%
6.	Swindon	>	Weymouth	8886	4.3%
7.	Trowbridge	>	Weymouth	8681	4.2%
8.	Bath Spa	>	Weymouth	7927	3.9%
9.	Weymouth	>	Bristol Temple M.	6267	3.1%
10.	Weymouth	>	Bath Spa	5458	2.7%

Note: data only available for Great Western flows.

Source: Lennon analysis

2h: Internal and external journeys, October 2009 - September 2010.

For this analysis, 'internal' journeys are those undertaken within the Westbury - Weymouth corridor, and 'external' are those which involve other origins / destinations.

Westbury											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
9334	3	271458	97	4230	4	109519	96	13564	3	380977	97

Frome											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
17827	17	85469	83	6613	14	40581	86	24440	16	126050	84

Bruton											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
6754	40	10159	60	2605	30	6004	70	9359	37	16163	63

Castle Cary											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
9697	7	138613	93	3271	3	104914	97	12928	5	243527	95

Yeovil Pen Mill											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
38341	50	38148	50	27242	54	23415	46	65583	52	61563	48

Thornford											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
1610	66	825	34	522	74	187	26	2132	68	1012	32

Yetminster											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
3144	65	1663	35	1192	71	488	29	4336	67	2151	33

Chetnole											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
1240	75	416	25	417	69	186	31	1657	73	602	27

Maiden Newton											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
11700	74	4022	26	4109	66	2155	34	15809	72	6177	28

Dorchester (West)											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
8843	28	23299	72	24726	-	n/a	-	33569	-	n/a	-

Upwey											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
2865	60	1878	40	868	56	682	44	3733	59	2650	41

Weymouth											
Origin				Destination				Total			
Internal	%	External	%	Internal	%	External	%	Internal	%	External	%
24569	39	38316	61	60130	42	81475	58	84699	41	119791	59

Note: data only available for Great Western flows.

Source: Lennon analysis

APPENDIX 3: Passenger Count Data

3a: HoWL passenger count - April 2009

		Weekdays - 01/07/04/2009									
		0644 Wsb-W	0841 B-W	0949 B-W	1149 B-W	1448 B-W	1649 B-W	1749 B-W	2049 B-W	Average	
on	BRISTOL TEMPLE MEADS		51	38	68	79	116	148	28	75	
load			102	54	74	91	234	211	32		
on + off	KEYNSHAM		36	11	10	31	44	42	5	26	
load			128	59	78	74	210	180	29		
on + off	OLDFIELD PARK		9	5	5	9	63	53	7	22	
load			110	59	79	69	172	138	23		
on + off	BATH SPA			20	24	35	81	101	17	46	
load			36	59	60	102	197	174	30		
on + off	FRESHFORD		0	2	0	1	8	12	2	4	
load			37	57	60	100	189	165	28		
on + off	AVONCLIFF		0	1	2	1	6	3	0	2	
load			37	57	57	100	185	161	28		
on + off	BRADFORD ON AVON		9	6	6	25	41	37	7	19	
load			36	58	52	95	158	132	22		
on + off	TROWBRIDGE		13	5	9	31	65	50	10	26	
load			37	52	47	80	117	92	18		
on + off	WESTBURY	5	12	5	21	33	36	30	8	21	
load		5	38	49	41	77	96	67	22		
on + off	FROME	3	15	8	9	22	39	34	8	17	
load		5	46	46	39	60	63	36	16		
on + off	BRUTON	2	3	3	3	8	6	6	2	4	
load		6	48	47	39	55	59	30	14		
on + off	CASTLE CARY	1	13	10	6	15	15	11	4	9	
load		7	56	53	46	55	46	29	15		
on + off	YEOVIL PEN MILL	9	27	10	14	30	33	16	8	18	
load		11	67	48	40	53	31	22	11		
on + off	THORNFORD	0	2	1	1	1	1	0	0	1	
load		11	69	48	41	53	25	22	10		
on + off	YETMINSTER	1	1	1	1	3	1	1	0	1	
load		12	71	49	41	50	25	21	10		
on + off	CHETNOLE	1	0	0	0	0	0	0	0	0	
load		13	70	49	41	50	24	21	10		
on + off	MAIDEN NEWTON	9	7	6	2	7	3	2	1	5	
load		22	76	54	41	45	28	20	10		
on + off	DORCHESTER WEST	13	13	10	6	17	13	7	3	10	
load		12	65	45	31	31	16	14	7		
on + off	UPWEY	1	1	0	1	3	1	7	1	2	
load		11	65	46	29	28	15	8	7		
off	WEYMOUTH	11	65	46	29	28	15	8	4	26	

		Saturday - 04/04/2009									
		0647 Wsb-W	0840 B-W	0948 B-W	1149 B-W	1449 B-W	1649 B-W	1749 B-W	2049 B-W	Average	
on	BRISTOL TEMPLE MEADS		51	22	n.d.	n.d.	n.d.	n.d.	n.d.	37	
load			51	64	139	63	81	n.d.	41		
on + off	KEYNSHAM		n.d.	11	17	12	10	n.d.	3	11	
load			n.d.	71	148	71	75	n.d.	40		
on + off	OLDFIELD PARK		n.d.	13	4	9	14	n.d.	4	9	
load			n.d.	78	144	74	65	n.d.	36		
on + off	BATH SPA		n.d.	52	102	81	199	n.d.	42	95	
load			n.d.	72	90	93	244	n.d.	54		
on + off	FRESHFORD			3	2	1	7	n.d.	1	3	
load			58	73	92	92	237	n.d.	53		
on + off	AVONCLIFF		0	1	0	2	8	n.d.	0	2	
load			58	72	92	90	237	n.d.	53		
on + off	BRADFORD ON AVON		8	24	18	12	44	n.d.	28	22	
load			62	62	90	82	205	n.d.	65		
on + off	TROWBRIDGE		8	13	22	41	92	n.d.	17	32	
load			68	59	92	75	137	n.d.	52		
on + off	WESTBURY	3	16	20	43	20	51	n.d.	15	24	
load		6	76	67	89	65	100	n.d.	47		
on + off	FROME	2	7	19	42	25	12	5	12	16	
load		6	71	70	59	46	90	62	35		
on + off	BRUTON	0	3	8	5	2	13	10	0	5	
load		6	70	74	64	46	77	52	35		
on + off	CASTLE CARY	1	13	5	2	19	13	14	12	10	
load		5	71	73	62	45	66	48	27		
on + off	YEOVIL PEN MILL	7	52	64	45	38	29	35	10	35	
load		10	119	113	96	53	47	29	19		
on + off	THORNFORD	0	3	0	0	2	0	0	0	1	
load		10	122	113	96	53	47	29	19		
on + off	YETMINSTER	0	0	3	1	0	10	7	0	3	
load		10	122	112	95	53	41	29	19		
on + off	CHETNOLE	0	0	0	0	2	0	0	1	0	
load		10	122	112	95	51	41	24	18		
on + off	MAIDEN NEWTON	1	19	9	5	10	6	0	10	8	
load		11	135	121	96	47	35	24	18		
on + off	DORCHESTER WEST	6	12	18	30	21	20	n.d.	5	16	
load		5	123	109	86	26	15	n.d.	17		
on + off	UPWEY	0	3	3	0	1	4	n.d.	0	2	
load		5	126	106	86	25	11	n.d.	17		
off	WEYMOUTH	5	126	106	86	25	11	n.d.	17	54	

Source: HoWRP counts

Weekdays - 01-07/04/2009		0540 W-B*	0640 W-B	0850 W-B	1110 W-B	1310 W-B	1510 W-B	1730 W-B	2021 W-B	Average
on	WEYMOUTH	3	8	17	24	17	49	66	16	25
load		3	8	17	24	17	49	66	16	
on + off	UPWEY	1	1	4	1	1	2	3	2	2
load		4	9	21	24	19	49	67	18	
on + off	DORCHESTER WEST	4	6	21	14	15	19	16	8	13
load		7	12	27	36	32	64	74	21	
on + off	MAIDEN NEWTON	1	2	4	4	4	7	8	2	4
load		8	13	30	37	28	60	67	21	
on + off	CHETNOLE	0	0	0	0	0	0	1	0	0
load		8	13	30	37	29	60	66	21	
on + off	YETMINSTER	0	1	3	1	1	1	1	1	1
load		8	14	32	38	28	60	65	21	
on + off	THORNFORD	0	0	2	1	1	0	3	0	1
load		8	14	34	38	28	59	62	21	
on + off	YEOVIL PEN MILL	8	15	28	21	16	30	31	9	20
load		13	21	43	49	38	55	45	17	
on + off	CASTLE CARY	3	8	11	8	8	20	9	4	9
load		15	29	48	45	37	50	41	16	
on + off	BRUTON	6	4	5	7	4	8	6	3	5
load		21	32	52	48	39	51	37	14	
on + off	FROME	15	39	26	19	9	17	12	6	18
load		41	69	74	62	42	51	37	13	
on + off	WESTBURY	n.d.	17	26	22	14	22	19	4	18
load		46	82	80	68	39	49	35	13	
on + off	TROWBRIDGE	n.d.	59	22	24	16	29	9	5	23
load		68	111	87	74	47	68	31	10	
on + off	BRADFORD ON AVON	n.d.	47	12	11	11	18	2	1	14
load		89	152	96	84	51	68	32	11	
on + off	AVONCLIFF	n.d.	2	1	2	2	1	0	0	1
load		90	165	96	85	53	68	32	10	
on + off	FRESHFORD	n.d.	6	3	2	1	3	1	1	2
load		93	169	100	86	53	70	32	11	
on + off	BATH SPA	n.d.	n.d.	68	65	44	66	20	20	47
load		176	93	63	79	67	104	32	21	
on + off	OLDFIELD PARK	n.d.	n.d.	7	8	6	24	3	n.d.	10
load		209	111	68	84	69	126	32	n.d.	
on + off	KEYNSHAM	n.d.	n.d.	7	11	13	60	4	n.d.	19
load		210	122	67	78	64	99	29	n.d.	
off	BRISTOL TEMPLE MEADS	n.d.	n.d.	57	n.d.	n.d.	51	29	n.d.	46

* Weymouth-Westbury section counts 29/10-04/11/2008

Saturday - 04/04/2009		0640 W-B	0852 W-B	1110 W-B	1310 W-B	1510 W-B	1730 W-B	1958 W-B	Average
on	WEYMOUTH	8	54	31	18	55	82	60	44
load		8	54	31	18	55	82	60	
on + off	UPWEY	1	3	4	3	8	5	0	3
load		9	57	35	17	63	77	60	
on + off	DORCHESTER WEST	5	55	35	6	20	25	11	22
load		10	97	60	17	81	82	71	
on + off	MAIDEN NEWTON	0	4	5	3	7	10	6	5
load		10	99	63	16	76	76	65	
on + off	CHETNOLE	0	0	0	1	0	0	0	0
load		10	99	63	17	76	76	65	
on + off	YETMINSTER	0	12	1	0	5	3	2	3
load		10	109	64	17	77	79	63	
on + off	THORNFORD	0	2	5	0	0	0	1	1
load		10	111	63	17	77	79	62	
on + off	YEOVIL PEN MILL	9	52	44	12	52	62	37	38
load		17	157	71	15	47	41	25	
on + off	CASTLE CARY	7	26	19	8	11	9	2	12
load		24	171	82	21	45	34	23	
on + off	BRUTON	0	12	8	5	3	8	0	5
load		24	175	90	22	42	30	23	
on + off	FROME	20	23	55	11	13	12	6	20
load		44	194	139	31	49	38	23	
on + off	WESTBURY	28	25	n.d.	n.d.	22	12	6	19
load		60	193	149	36	65	46	21	
on + off	TROWBRIDGE	21	20	40	16	20	26	24	24
load		79	201	189	46	69	60	13	
on + off	BRADFORD ON AVON	11	21	59	24	31	6	3	22
load		88	216	248	64	78	64	14	
on + off	AVONCLIFF	0	4	n.d.	3	2	1	0	2
load		88	220	n.d.	63	80	65	14	
on + off	FRESHFORD	2	4	n.d.	1	6	1	0	2
load		88	224	n.d.	62	82	66	14	
on + off	BATH SPA	n.d.	186	n.d.	50	n.d.	46	n.d.	94
load		n.d.	64	57	64	n.d.	68	n.d.	
on + off	OLDFIELD PARK	n.d.	8	8	7	5	4	n.d.	6
load		n.d.	68	61	67	n.d.	68	n.d.	
on + off	KEYNSHAM	n.d.	8	16	9	n.d.	8	n.d.	10
load		n.d.	62	66	68	n.d.	64	n.d.	
off	BRISTOL TEMPLE MEADS	75	31	n.d.	n.d.	n.d.	64	n.d.	57

Sunday - 05/04/2009		1340 B-W	1725 B-W	2050 B-W	Average
on	BRISTOL TEMPLE MEADS	n.d	65	16	41
load		n.d	65	16	
on + off	KEYNSHAM	n.d	1	3	2
load		61	64	15	
on + off	OLDFIELD PARK	3	4	6	4
load		60	62	9	
on + off	BATH SPA	69	80	27	59
load		81	78	34	
on + off	FRESHFORD	0	3	0	1
load		81	75	34	
on + off	AVONCLIFF	5	0	0	2
load		76	75	34	
on + off	BRADFORD ON AVON	10	12	3	8
load		72	63	33	
on + off	TROWBRIDGE	12	11	19	14
load		60	54	24	
on + off	WESTBURY	20	7	13	13
load		68	53	21	
on + off	FROME	18	18	4	13
load		62	37	17	
on + off	BRUTON	n.d	3	n.d.	3
load		59	40	25	
on + off	CASTLE CARY	14	11	6	10
load		47	39	21	
on + off	YEOVIL PEN MILL	14	28	13	18
load		39	29	19	
on + off	THORNFORD	0	0	0	0
load		39	29	10	
on + off	YETMINSTER	1	0	0	0
load		38	29	10	
on + off	CHETNOLE	0	0	0	0
load		38	29	10	
on + off	MAIDEN NEWTON	4	2	0	2
load		40	27	10	
on + off	DORCHESTER WEST	20	18	7	15
load		20	9	3	
on + off	UPWEY	bus	bus	bus	~
load		bus	bus	bus	
off	WEYMOUTH	bus	bus	bus	~

Sunday - 05/04/2009		1400 W-B	1800 W-B	2009 W-B	Average
on	WEYMOUTH	bus	bus	bus	~
load		bus	bus	bus	
on + off	UPWEY	bus	bus	bus	~
load		24	10	15	
on + off	DORCHESTER WEST	30	23	16	23
load		54	33	19	
on + off	MAIDEN NEWTON	4	1	5	3
load		50	32	22	
on + off	CHETNOLE	0	0	0	0
load		50	32	22	
on + off	YETMINSTER	0	0	1	0
load		50	32	23	
on + off	THORNFORD	0	0	0	0
load		50	32	23	
on + off	YEOVIL PEN MILL	22	14	19	18
load		66	36	12	
on + off	CASTLE CARY	11	n.d.	7	9
load		63	38	5	
on + off	BRUTON	n.d.	6	n.d.	6
load		54	36	5	
on + off	FROME	n.d.	7	0	4
load		70	39	9	
on + off	WESTBURY	n.d.	16	2	9
load		54	43	11	
on + off	TROWBRIDGE	n.d.	11	3	7
load		54	38	10	
on + off	BRADFORD ON AVON	n.d.	2	2	2
load		57	36	10	
on + off	AVONCLIFF	n.d.	0	0	0
load		59	36	10	
on + off	FRESHFORD	n.d.	3	0	2
load		59	39	10	
on + off	BATH SPA	n.d.	34	6	20
load		94	53	8	
on + off	OLDFIELD PARK	n.d.	6	n.d.	6
load		101	49	n.d.	
on + off	KEYNSHAM	n.d.	2	n.d.	2
load		98	47	n.d.	
off	BRISTOL TEMPLE MEADS	n.d.	47	n.d.	47

3b: HoWL passenger count - August 2010

		Weekdays - 04-10/08/2010									Average
		0544 B-W	0840 B-W	0948 B-W	1149 B-W	1448 B-W	1649 B-W	1749 B-W	2049 B-W		
on	BRISTOL TEMPLE MEADS	n.d.	82	55	58	65	169	192	38	94	
load			104	73	80	90	201	220	53		
on + off	KEYNSHAM	n.d.	25	19	20	14	61	53	5	28	
load			116	86	92	92	164	189	10		
on + off	OLDFIELD PARK	n.d.	21	12	7	12	45	52	10	23	
load			118	94	90	81	125	144	46		
on + off	BATH SPA	n.d.	99	73	57	85	151	122	46	90	
load			51	89	69	132	210	177	59		
on + off	FRESHFORD	n.d.	0	0	4	2	6	7	1	3	
load			51	89	66	130	204	174	59		
on + off	AVONCLIFF	n.d.	0	1	2	2	5	4	0	2	
load			51	89	64	130	200	170	58		
on + off	BRADFORD ON AVON	n.d.	12	15	12	25	41	41	7	22	
load			58	89	60	115	174	140	54		
on + off	TROWBRIDGE	n.d.	31	30	25	25	67	68	27	39	
load			71	98	53	101	140	95	40		
on + off	WESTBURY	5 (on)	22	16	24	25	34	56	14	27	
load		7	81	102	56	93	123	68	42		
on + off	FROME	8	19	21	20	27	49	28	19	24	
load		9	93	102	51	75	83	46	27		
on + off	BRUTON	2	5	5	5	12	7	7	1	6	
load		9	92	104	53	73	77	43	26		
on + off	CASTLE CARY	3	19	16	15	25	18	14	6	15	
load		12	110	107	65	73	62	44	24		
on + off	YEOVIL PEN MILL	16	73	35	30	29	33	18	13	31	
load		19	156	118	69	65	44	35	17		
on + off	THORNFORD	0	2	0	0	1	1	0	0	0	
load		19	156	118	68	65	43	34	17		
on + off	YETMINSTER	2	1	0	1	2	2	2	0	1	
load		21	157	118	69	64	41	32	16		
on + off	CHETNOLE	2	1	1	1	1	1	1	0	1	
load		23	158	119	69	63	40	32	16		
on + off	MAIDEN NEWTON	7	9	6	5	3	7	3	2	5	
load		29	167	122	71	60	36	30	15		
on + off	DORCHESTER WEST	13	21	10	19	29	18	15	5	16	
load		19	146	115	55	41	18	17	11		
on + off	UPWEY	1	3	2	2	4	3	5	2	3	
load		19	144	115	52	37	16	14	8		
off	WEYMOUTH	10	144	115	52	37	16	14	8	49	

		Saturday - 07/08/2010									Average
		0544 B-W	0909 B-W	0948 B-W	1149 B-W	1449 B-W	1649 B-W	1749 B-W	2049 B-W		
on	BRISTOL TEMPLE MEADS	n.d.	55	92	121	85	35	84	25	71	
load			55	117	166	107	64	119	58		
on + off	KEYNSHAM	n.d.	5	9	20	19	13	23	10	14	
load			60	118	180	118	65	112	54		
on + off	OLDFIELD PARK	n.d.	6	20	5	3	25	9	6	11	
load			60	136	177	115	70	107	48		
on + off	BATH SPA	n.d.	6	31	120	78	90	98	56	68	
load			58	147	117	133	140	175	78		
on + off	FRESHFORD	n.d.	~	5	4	10	2	2	4	5	
load			58	150	119	137	138	173	80		
on + off	AVONCLIFF	n.d.	~	0	1	0	0	2	2	1	
load			58	150	118	137	138	171	78		
on + off	BRADFORD ON AVON	n.d.	5	19	19	30	30	28	25	22	
load			63	131	119	127	120	151	77		
on + off	TROWBRIDGE	n.d.	8	9	15	33	35	64	34	28	
load			71	140	116	120	95	113	59		
on + off	WESTBURY	n.d.	6	27	18	18	12	31	14	18	
load		9	77	133	124	114	87	90	51		
on + off	FROME	2	8	39	36	48	13	44	18	29	
load		7	77	162	120	72	82	58	33		
on + off	BRUTON	0	5	4	21	7	12	13	11	10	
load		7	80	164	130	65	76	47	32		
on + off	CASTLE CARY	0	12	4	21	23	8	8	4	11	
load		7	90	168	110	58	70	51	30		
on + off	YEOVIL PEN MILL	4	35	32	49	24	21	25	18	29	
load		11	105	166	125	52	55	38	16		
on + off	THORNFORD	0	~	0	0	0	2	0	1	0	
load		11	105	166	125	52	53	38	17		
on + off	YETMINSTER	0	~	2	0	0	6	5	0	2	
load		11	105	164	125	52	49	33	17		
on + off	CHETNOLE	1	~	0	0	2	1	0	0	0	
load		12	105	164	125	50	48	33	17		
on + off	MAIDEN NEWTON	1	2	4	6	2	1	7	2	3	
load		13	107	168	125	50	47	34	15		
on + off	DORCHESTER WEST	2	5	29	23	12	13	16	6	15	
load		13	104	147	104	38	38	20	13		
on + off	UPWEY	1	~	3	0	~	2	2	0	1	
load		12	104	148	104	38	36	18	13		
off	WEYMOUTH	12	104	148	104	38	36	18	13	66	

Source: HoWRP counts

Weekdays - 04-10/08/2010		0533 W-B	0640 W-B	0850 W-B	1110 W-B	1310 W-B	1508 W-B	1730 W-B	2021 W-B	Average
on	WEYMOUTH	4	11	25	45	36	88	205	42	57
load		4	11	25	45	36	88	205	42	
on + off	UPWEY	0	2	9	5	2	4	3	2	3
load		4	13	35	49	38	89	207	43	
on + off	DORCHESTER WEST	3	7	27	20	15	28	19	3	15
load		3	14	48	64	49	110	219	46	
on + off	MAIDEN NEWTON	0	1	5	4	6	12	8	1	5
load		4	14	53	67	47	103	214	45	
on + off	CHETNOLE	0	0	3	1	0	2	3	1	1
load		4	14	56	68	47	103	212	44	
on + off	YETMINSTER	0	1	2	2	0	4	2	0	1
load		4	15	58	70	47	101	211	44	
on + off	THORNFORD	0	2	1	1	1	1	1	1	1
load		4	17	59	70	48	101	210	43	
on + off	YEOVIL PEN MILL	3	16	37	22	26	45	77	16	30
load		6	23	79	77	50	89	155	39	
on + off	CASTLE CARY	4	6	30	21	9	31	19	7	16
load		5	28	85	73	46	80	138	34	
on + off	BRUTON	3	3	11	5	3	9	6	2	5
load		9	31	90	75	46	80	136	34	
on + off	FROME	14	43	34	28	19	25	37	6	26
load		22	72	116	94	57	81	105	30	
on + off	WESTBURY	13	28	46	21	19	23	23	7	23
load		28	79	119	94	55	79	90	34	
on + off	TROWBRIDGE	30	57	34	29	19	32	30	12	30
load		50	111	134	106	55	80	82	28	
on + off	BRADFORD ON AVON	20	31	31	17	18	16	20	6	20
load		70	138	151	109	64	88	77	28	
on + off	AVONCLIFF	5	3	2	1	2	6	2	2	3
load		75	141	151	110	63	93	78	23	
on + off	FRESHFORD	6	5	4	3	1	4	1	0	3
load		81	146	155	113	64	96	79	23	
on + off	BATH SPA	75	134	115	67	62	101	32	9	74
load		130	108	77	81	80	119	76	8	
on + off	OLDFIELD PARK	34	31	8	7	9	29	8	0	16
load		159	135	83	70	78	130	72	8	
on + off	KEYNSHAM	14	18	8	15	15	58	18	1	18
load		171	137	83	80	66	98	57	7	
off	BRISTOL TEMPLE MEADS	130	104	61	58	44	66	57	7	66

Saturday - 07/08/2010		0640 W-B	0850 W-B	1110 W-B	1310 W-B	1608 W-B	1655 W-B	1730 W-B	2021 W-B	Average
on	WEYMOUTH	29	35	85	51	83	121	142	179	91
load		29	35	85	51	83	121	142	179	
on + off	UPWEY	0	12	2	3	2	~	2	1	3
load		29	47	87	52	81	121	142	180	
on + off	DORCHESTER WEST	2	36	22	13	10	8	3	16	14
load		29	73	109	55	81	119	153	192	
on + off	MAIDEN NEWTON	0	8	2	6	4	3	3	2	4
load		29	77	111	49	79	~	118	152	
on + off	CHETNOLE	0	0	1	1	1	~	0	0	0
load		29	77	112	50	80	~	118	152	
on + off	YETMINSTER	1	5	5	2	2	~	0	0	2
load		30	82	115	52	80	~	118	152	
on + off	THORNFORD	3	0	0	1	2	~	1	1	1
load		33	82	115	53	78	~	118	151	
on + off	YEOVIL PEN MILL	14	35	38	36	30	25	43	96	40
load		43	99	113	57	86	109	132	101	
on + off	CASTLE CARY	7	13	20	7	4	7	24	18	13
load		50	96	117	54	84	104	110	83	
on + off	BRUTON	1	16	7	18	7	0	4	3	7
load		51	110	122	68	85	104	108	82	
on + off	FROME	25	37	42	40	17	10	24	42	30
load		76	135	158	96	78	96	108	50	
on + off	WESTBURY	6	20	23	2	10	33	12	8	14
load		78	137	167	96	74	85	112	46	
on + off	TROWBRIDGE	8	33	57	28	23	40	20	31	30
load		82	154	194	96	89	95	112	47	
on + off	BRADFORD ON AVON	1	39	20	40	34	26	16	10	23
load		83	185	206	106	115	83	110	53	
on + off	AVONCLIFF	0	0	0	0	14	~	10	1	4
load		83	185	206	106	109	~	83	120	
on + off	FRESHFORD	1	4	5	5	2	~	14	0	4
load		84	187	203	111	111	~	83	110	
on + off	BATH SPA	39	122	96	54	116	57	69	64	77
load		53	101	139	77	197	90	61	64	
on + off	OLDFIELD PARK	7	26	8	4	8	14	14	6	11
load		60	123	145	79	199	92	65	62	
on + off	KEYNSHAM	11	20	14	3	45	27	3	20	18
load		69	127	145	76	162	87	62	46	
off	BRISTOL TEMPLE MEADS	69	90	95	46	131	87	62	46	78

Sunday - 08/08/2010		0900 Wsb-W	0914 B-W	1424 Wsb-W	1744 B-W	2050 B-W	Average
on	BRISTOL TEMPLE MEADS		33		73	53	53
load			33		73	53	
on + off	KEYNSHAM		1		5	2	3
load			32		70	51	
on + off	OLDFIELD PARK		17		11	11	13
load			48		59	42	
on + off	BATH SPA		36		75	16	42
load			74		112	46	
on + off	FRESHFORD		1		4	1	2
load			73		108	45	
on + off	AVONCLIFF		1		0	1	1
load			72		108	44	
on + off	BRADFORD ON AVON		3		14	4	7
load			71		98	44	
on + off	TROWBRIDGE		35		9	19	21
load			106		95	31	
on + off	WESTBURY	26	8	67	12	19	27
load		26	102	67	99	32	
on + off	FROME	19	31	18	20	14	21
load		45	131	59	87	18	
on + off	BRUTON	2	9	7	30	0	12
load		43	132	60	77	18	
on + off	CASTLE CARY	12	20	10	28	12	18
load		55	144	56	55	26	
on + off	YEOVIL PEN MILL	16	34	30	15	9	22
load		71	162	50	48	19	
on + off	THORNFORD	0	0	0	0	1	0
load		71	162	50	48	18	
on + off	YETMINSTER	0	3	3	0	1	2
load		71	165	53	48	17	
on + off	CHETNOLE	0	0	0	4	1	1
load		71	165	53	48	16	
on + off	MAIDEN NEWTON	0	5	0	2	1	2
load		71	160	53	46	15	
on + off	DORCHESTER WEST	2	7	13	14	9	11
load		73	157	46	36	7	
on + off	UPWEY	2	12	4	0	0	4
load		73	145	42	36	7	
off	WEYMOUTH	73	145	42	36	7	58

Sunday - 08/08/2010		1114 W-Wsb	1412 W-B	1610 W-B	1756 W-B	2009 W-Wsb	Average
on	WEYMOUTH	30	47	83	121	39	64
load		30	47	83	121	39	
on + off	UPWEY	3	12	2	3	2	4
load		33	59	81	124	41	
on + off	DORCHESTER WEST	12	18	10	17	7	13
load		37	61	81	141	42	
on + off	MAIDEN NEWTON	3	8	4	6	2	5
load		40	67	79	143	42	
on + off	CHETNOLE	1	1	1	1	0	1
load		41	66	80	142	42	
on + off	YETMINSTER	1	0	2	1	2	1
load		40	66	80	141	42	
on + off	THORNFORD	1	0	2	0	0	1
load		41	66	78	141	42	
on + off	YEOVIL PEN MILL	24	29	30	30	12	25
load		55	55	86	133	32	
on + off	CASTLE CARY	16	14	4	20	8	12
load		49	45	84	119	26	
on + off	BRUTON	11	3	7	15	0	7
load		60	48	85	124	26	
on + off	FROME	30	18	17	25	12	20
load		84	60	78	105	22	
on + off	WESTBURY	84	11	10	21	22	30
load			55	74	100		
on + off	TROWBRIDGE		18	23	19		20
load			69	89	83		
on + off	BRADFORD ON AVON		13	34	26		24
load			76	115	83		
on + off	AVONCLIFF		3	14	0		6
load			75	109	83		
on + off	FRESHFORD		1	2	2		2
load			76	111	85		
on + off	BATH SPA		100	116	19		78
load			114	197	74		
on + off	OLDFIELD PARK		4	8	17		10
load			116	199	57		
on + off	KEYNSHAM		18	45	9		24
load			110	162	52		
off	BRISTOL TEMPLE MEADS		110	131	52		98

APPENDIX 4: Line of Route Data

4a: Rail and road distances

Rail miles (left / bottom scale) versus Road miles (fastest route, right / top scale)

	WEY	DCW	YVP	CLC	FRO	WSB	TRO	BOA	BTH	KYN	BRI
WEY		8.3	28.4	41.2	55.4	58.7	64.4	65.6	70.7	67.7	70.1
DCW	7.0		20.4	33.1	47.3	50.7	56.4	57.5	62.3	59.6	62.0
YVP	27.5	20.5		13.0	27.2	37.5	41.5	42.5	38.9	39.5	41.9
CLC	39.2	32.2	11.7		14.6	26.3	24.7	26.7	25.4	26.0	28.4
FRO	53.6	46.6	26.1	14.4		8.8	9.3	10.2	14.0	18.1	24.4
WSB	59.3	52.3	31.8	20.1	5.8		5.7	8.2	18.5	25.5	30.6
TRO	63.3	56.3	35.9	24.1	9.8	4.0		3.7	11.9	18.6	30.7
BOA	66.6	59.6	39.1	27.4	13.1	7.3	3.3		8.2	14.8	27.0
BTH	75.1	69.1	48.6	36.9	22.5	16.8	12.7	9.4		7.8	13.0
KYN	83.0	76.0	55.5	43.8	29.4	23.7	19.6	16.3	6.9		5.3
BRI	87.6	80.6	60.1	48.4	34.0	28.3	24.2	21.0	11.5	4.6	

Source: <http://www.freemaptools.com/how-far-is-it-between.htm>

4b: Population.

STATION	WARD	DISTRICT	2009	2003	Change
Upwey	Littlemoor	Weymouth and Portland	3,548	3,590	
Weymouth	Melcombe Regis	Weymouth and Portland	5,643	5,769	
	Preston	Weymouth and Portland	4,866	4,964	
Weymouth	Radipole	Weymouth and Portland	3,697	3,663	
	Tophill East	Weymouth and Portland	3,741	3,735	
	Tophill West	Weymouth and Portland	4,958	4,879	
	Underhill	Weymouth and Portland	3,995	4,288	
Upwey	Upwey and Broadwey	Weymouth and Portland	3,501	3,670	
Weymouth	Westham East	Weymouth and Portland	3,678	3,563	
Weymouth	Westham North	Weymouth and Portland	5,178	5,103	
Weymouth	Westham West	Weymouth and Portland	3,425	3,405	
Upwey	Wey Valley	Weymouth and Portland	3,405	3,452	
Weymouth	Weymouth East	Weymouth and Portland	3,329	3,492	
Weymouth	Weymouth West	Weymouth and Portland	5,178	5,301	
Weymouth	Wyke Regis	Weymouth and Portland	5,490	5,452	
			63,632	64,326	-1.1%
		Weymouth	35,618	35,748	-0.4%
		Upwey	10,454	10,712	-2.4%
Thornford	Beaminster	West Dorset	4,045	3,959	
	Bradford Abbas	West Dorset	1,924	1,981	
	Bradpole	West Dorset	2,104	2,098	
	Bridport North	West Dorset	4,242	4,215	
	Bridport South and Bothenhampton	West Dorset	5,606	5,429	
	Broadmayne	West Dorset	1,847	1,858	
	Broadwindsor	West Dorset	1,605	1,608	
	Burton Bradstock	West Dorset	1,874	1,856	
	Cam Vale	West Dorset	1,991	2,074	
	Charminster and Cerne Valley	West Dorset	4,774	4,187	
	Charmouth	West Dorset	1,713	1,721	
	Chesil Bank	West Dorset	2,079	2,170	
	Chickerell	West Dorset	5,336	5,368	
	Chideock and Symondsburry	West Dorset	1,671	1,706	
Dorchester West	Dorchester East	West Dorset	4,618	4,699	
Dorchester West	Dorchester North	West Dorset	4,827	3,716	
Dorchester West	Dorchester South	West Dorset	4,039	4,129	
Dorchester West	Dorchester West	West Dorset	4,451	4,436	
	Frome Valley	West Dorset	2,225	2,046	
	Halstock	West Dorset	1,796	1,807	
	Loders	West Dorset	1,744	1,831	
	Lyme Regis	West Dorset	3,493	3,457	
Maiden Newton	Maiden Newton	West Dorset	1,906	1,836	
	Marshwood Vale	West Dorset	1,691	1,703	
	Netherbury	West Dorset	1,965	1,891	
	Owermoigne	West Dorset	3,533	3,506	
	Piddle Valley	West Dorset	1,987	2,026	
	Puddletown	West Dorset	2,335	2,219	
	Queen Thorne	West Dorset	2,023	1,981	
	Sherborne East	West Dorset	4,236	4,096	
	Sherborne West	West Dorset	5,280	5,303	
	Winterborne St Martin	West Dorset	1,983	2,032	
Yetminster, Chetnole	Yetminster	West Dorset	1,517	1,581	
			96,460	94,525	2.0%
		Dorchester West	17,935	16,980	5.6%
		Maiden Newton	1,906	1,836	3.8%
		Yetminster, Chetnole	1,517	1,581	-4.0%
		Thornford	1,924	1,981	-2.9%
Bruton	Blackdown	South Somerset	2,224	2,256	
	Blackmoor Vale	South Somerset	5,364	5,069	
	Bruton	South Somerset	2,977	2,922	
	Brympton	South Somerset	6,903	5,727	
	Burrow Hill	South Somerset	2,194	2,207	
	Camelot	South Somerset	2,696	2,543	
Castle Cary	Cary	South Somerset	5,433	5,312	
	Chard Avishayes	South Somerset	2,777	2,472	
	Chard Combe	South Somerset	2,242	2,052	
	Chard Crimchard	South Somerset	2,604	2,814	
	Chard Holyrood	South Somerset	3,105	2,662	
	Chard Jocelyn	South Somerset	2,346	2,328	
	Coker	South Somerset	5,260	5,259	
	Crewkerne	South Somerset	7,707	7,509	
	Curry Rivel	South Somerset	2,557	2,561	
	Eggwood	South Somerset	2,453	2,392	

	Hamdon	South Somerset	2,891	2,818	
	Ilminster	South Somerset	5,704	5,206	
	Islemoor	South Somerset	2,731	2,782	
	Ivelchester	South Somerset	3,997	4,170	
	Langport and Huish	South Somerset	2,733	2,748	
	Martock	South Somerset	5,677	5,484	
	Milborne Port	South Somerset	2,694	2,606	
	Neroche	South Somerset	2,447	2,376	
	Northstone	South Somerset	2,965	2,917	
	Parrett	South Somerset	2,378	2,373	
	St Michael's	South Somerset	2,239	2,237	
	South Petherton	South Somerset	4,737	4,628	
	Tatworth and Forton	South Somerset	2,660	2,645	
	Tower	South Somerset	2,475	2,361	
	Turn Hill	South Somerset	2,659	2,523	
	Wessex	South Somerset	5,352	5,180	
	Wincanton	South Somerset	5,009	4,736	
	Windwhistle	South Somerset	2,323	2,243	
Yeovil PM	Yeovil Central	South Somerset	7,733	7,321	
Yeovil PM	Yeovil East	South Somerset	7,529	7,271	
Yeovil PM	Yeovil South	South Somerset	8,563	7,921	
Yeovil PM	Yeovil West	South Somerset	7,358	7,291	
Yeovil PM	Yeovil Without	South Somerset	6,876	7,198	
			158,572	153,120	3.6%
		Yeovil PM	38,059	37,002	2.9%
		Castle Cary	5,433	5,312	2.3%
		Bruton	2,977	2,922	1.9%
	Ammerdown	Mendip	2,384	~	
	Ashwick, Chilcompton and Stratton	Mendip	4,858	~	
	Beckington and Selwood	Mendip	2,130	~	
	Butleigh and Baltonsborough	Mendip	2,123	~	
	Chewton Mendip and Ston Easton	Mendip	2,281	~	
	Coleford and Holcombe	Mendip	4,811	~	
	Cranmore, Doultling and Nunney	Mendip	2,334	~	
	Creech	Mendip	2,166	~	
	Croscombe and Pilton	Mendip	2,196	~	
Frome	Frome Berkley Down	Mendip	4,458	5,024	
Frome	Frome College (Welshmill)	Mendip	4,273	3,915	
Frome	Frome Keyford	Mendip	4,740	5,423	
Frome	Frome Market	Mendip	4,971	4,977	
Frome	Frome Oakfield	Mendip	2,682	5,588	
Frome	Frome Park	Mendip	4,615	0	
	Glastonbury St Benedict's	Mendip	2,574	~	
	Glastonbury St Edmund's	Mendip	2,318	~	
	Glastonbury St John's	Mendip	2,033	~	
	Glastonbury St Mary's	Mendip	2,183	~	
	Moor	Mendip	2,614	~	
	Postlebury	Mendip	2,127	~	
	Rode and Norton St Philip	Mendip	2,102	~	
	Rodney and Westbury	Mendip	2,206	~	
	St Cuthbert Out North	Mendip	2,358	~	
	Shepton East	Mendip	5,464	~	
	Shepton West	Mendip	4,779	~	
	Street North	Mendip	4,005	~	
	Street South	Mendip	5,470	~	
	Street West	Mendip	2,090	~	
	The Pennards and Ditchat	Mendip	2,342	~	
	Wells Central	Mendip	1,978	~	
	Wells St Cuthbert's	Mendip	4,183	~	
	Wells St Thomas'	Mendip	4,347	~	
	Wookey and St Cuthbert Out West	Mendip	2,469	~	
			108,664	105,347	3.1%
		Frome	25,739	24,927	3.3%
	Avonside	West Wiltshire	9,001	~	
Bradford-on-Avon	Bradford-on-Avon North	West Wiltshire	5,466	4,502	
Bradford-on-Avon	Bradford-on-Avon South	West Wiltshire	5,690	4,949	
	Dilton	West Wiltshire	2,906	~	
	Ethandune	West Wiltshire	3,276	~	
Freshford, Avoncliff	Manor Vale	West Wiltshire	3,087	4,831	
	Melksham East	West Wiltshire	6,091	~	
	Melksham Spa	West Wiltshire	6,246	~	
	Melksham Without	West Wiltshire	7,588	~	
	Mid Wylve Valley	West Wiltshire	2,796	~	

	Shearwater	West Wiltshire	2,941	~	
	Summerham	West Wiltshire	2,808	~	
Trowbridge	Trowbridge and North Bradley	West Wiltshire	2,861	5,300	
Trowbridge	Trowbridge and Southwick	West Wiltshire	3,078	5,464	
Trowbridge	Trowbridge Central	West Wiltshire	6,357	6,615	
Trowbridge	Trowbridge East	West Wiltshire	7,922	5,567	
Trowbridge	Trowbridge North East	West Wiltshire	5,898	6,776	
Trowbridge	Trowbridge North West	West Wiltshire	2,705	~	
Trowbridge	Trowbridge South West	West Wiltshire	5,918	~	
	Warminster East	West Wiltshire	8,779	~	
	Warminster West	West Wiltshire	8,504	~	
Westbury	Westbury Ham	West Wiltshire	8,652	7,292	
Westbury	Westbury Laverton	West Wiltshire	5,410	5,085	
			123,980	121,950	1.7%
		Westbury	14,062	12,377	13.6%
		Trowbridge	34,739	29,722	16.9%
		Bradford-on-Avon	11,156	9,451	18.0%
		Avoncliff	3,087	4,831	-36.1%
Bath Spa	Abbey	Bath and North East Somers	5,543	5,407	
	Bathavon North	Bath and North East Somers	7,216	7,179	
Freshford	Bathavon South	Bath and North East Somers	2,956	2,895	
	Bathavon West	Bath and North East Somers	2,624	2,591	
Bath Spa	Bathwick	Bath and North East Somers	4,910	4,215	
	Chew Valley North	Bath and North East Somers	2,275	2,336	
	Chew Valley South	Bath and North East Somers	2,506	2,363	
	Clutton	Bath and North East Somers	2,505	2,483	
Bath Spa	Combe Down	Bath and North East Somers	5,600	5,413	
	Farmborough	Bath and North East Somers	2,572	2,602	
	High Littleton	Bath and North East Somers	3,035	2,944	
Keynsham	Keynsham East	Bath and North East Somers	5,474	5,630	
Keynsham	Keynsham North	Bath and North East Somers	5,078	5,068	
Keynsham	Keynsham South	Bath and North East Somers	5,042	4,995	
Bath Spa	Kingsmead	Bath and North East Somers	5,730	5,391	
Bath Spa	Lambridge	Bath and North East Somers	5,480	5,162	
Bath Spa	Lansdown	Bath and North East Somers	4,537	4,694	
Bath Spa	Lyncombe	Bath and North East Somers	5,534	5,278	
	Mendip	Bath and North East Somers	2,745	2,772	
	Midsomer Norton North	Bath and North East Somers	5,818	5,468	
	Midsomer Norton Redfield	Bath and North East Somers	5,155	5,114	
Bath Spa	Newbridge	Bath and North East Somers	5,957	5,666	
Bath Spa	Odd Down	Bath and North East Somers	5,789	5,236	
Oldfield Park	Oldfield	Bath and North East Somers	6,339	5,679	
	Paulton	Bath and North East Somers	5,170	4,980	
	Peasedown	Bath and North East Somers	6,599	6,518	
	Publow and Whitchurch	Bath and North East Somers	2,387	2,425	
	Radstock	Bath and North East Somers	5,734	5,339	
	Salford	Bath and North East Somers	4,087	4,114	
Bath Spa	Southdown	Bath and North East Somers	5,759	5,767	
	Timsbury	Bath and North East Somers	2,643	2,602	
Bath Spa	Twerton	Bath and North East Somers	5,586	5,437	
Bath Spa	Walcot	Bath and North East Somers	5,994	5,742	
	Westfield	Bath and North East Somers	5,662	5,609	
Oldfield Park	Westmoreland	Bath and North East Somers	6,306	5,193	
Bath Spa	Weston	Bath and North East Somers	5,214	5,267	
Bath Spa	Widcombe	Bath and North East Somers	6,177	5,447	
			177,738	171,021	3.9%
		Freshford	2,956	2,895	2.1%
		Bath Spa	77,810	74,122	5.0%
		Oldfield Park	12,645	10,872	16.3%
		Keynsham	15,594	15,693	-0.6%
	Ashley	Bristol	16,022	13,883	
	Avonmouth	Bristol	12,800	12,158	
	Bedminster	Bristol	12,032	10,619	
	Bishopston	Bristol	14,125	12,376	
	Bishopsworth	Bristol	11,854	11,506	
	Brislington East	Bristol	11,952	11,371	
	Brislington West	Bristol	11,669	10,672	
	Cabot	Bristol	14,024	11,046	
	Clifton	Bristol	12,118	10,868	
	Clifton East	Bristol	10,720	9,798	
	Cotham	Bristol	12,739	10,883	
	Easton	Bristol	13,799	12,033	
	Eastville	Bristol	12,784	11,179	

Filwood	Bristol	12,251	11,608	
Frome Vale	Bristol	11,859	10,802	
Hartcliffe	Bristol	11,777	11,256	
Henbury	Bristol	10,380	9,549	
Hengrove	Bristol	11,907	11,440	
Henleaze	Bristol	10,716	10,405	
Hillfields	Bristol	13,703	12,401	
Horfield	Bristol	13,218	11,437	
Kingsweston	Bristol	11,183	10,892	
Knowle	Bristol	11,545	11,012	
Lawrence Hill	Bristol	18,107	13,847	
Lockleaze	Bristol	11,726	11,098	
Redland	Bristol	12,355	10,941	
St George East	Bristol	12,583	11,210	
St George West	Bristol	12,042	10,881	
Southmead	Bristol	12,215	10,974	
Southville	Bristol	12,246	10,495	
Stockwood	Bristol	11,032	10,858	
Stoke Bishop	Bristol	10,243	9,754	
Westbury-on-Trym	Bristol	10,817	10,313	
Whitchurch Park	Bristol	11,306	11,014	
Windmill Hill	Bristol	13,238	12,137	
		433,087	392,716	10.3%
	(Bristol TM)	433,087	392,716	10.3%

Source: Office for National Statistics, based on extrapolations of 2001 census
<http://www.statistics.gov.uk/statbase/Product.asp?vlnk=13893>

Households and adult population estimates, 2006:

Location	Households	Pop 15-34	Pop 35-54	Pop 55+	Total pop
Bristol	210671	174173	123805	108455	406433
Keynsham	8990	4530	5472	7236	17238
Bath	47300	38040	26700	29895	94635
Bradford-on-Avon	5787	2253	3743	5098	11094
Trowbridge	20464	10921	13692	14178	38791
Westbury	8648	4388	6776	6234	16398
Frome	14576	7446	9906	10302	27654
Castle Cary & Bruton	3177	1680	2011	2675	6336
Yeovil	19833	11533	12470	13627	37630
Yeovil Rural	6060	3344	3856	4661	11861
Dorchester	8188	3398	4662	6363	14423
Dorchester Rural	10634	3837	6890	9646	20373
Weymouth	27150	12156	16125	22034	50315

Source: NS database (www.nsdatabase.co.uk)

4c: Projected increase in the 21 regional SSCTs.

SSCT - strategically significant cities and towns.

SSCT	Jobs	Dwellings	Population
Barnstaple	8300	4800	9600
Bath	18000 – 20000	7500	15000
Bournemouth	18100 – 23000	15600	31200
Bridgwater	18500	6200	12400
Bristol	73000 – 93000	64000	128000
Cheltenham	8000 – 10800	12500	25000
Chippenham	8300	4500	9000
Cornwall Towns*	18500	13800	27600
Dorchester	7300 – 9500	4000	8000
Exeter	22300 – 28500	18500	37000
Gloucester	9300 – 12700	17500	35000
Plymouth	42000	31500	63000
Poole	14700 – 18,900	10000	20000
Salisbury	10800 – 13800	5000	10000
Swindon	26000 – 32000	35000	70000
Taunton	18500	14000	28000
Torbay*	11700	10000	20000
Trowbridge	11700	5000	10000
Weston-super-Mare	8500 – 10000	12000	24000
Weymouth	7300 – 9500	5000	10000
Yeovil	9100	6400	12800
Total	336100 – 394100	302800	605600

Source: South West Regional Spatial Strategy, as cited in the NR Great Western RUS (p114).

4d: Projected benefits of linespeed improvements.

Route Section	Benefits calculated between:	Infrastructure cost which could be supported for each minute of journey time saving – BCR of 2
Paddington – Reading	Paddington – Acton, Main Line only	£129m
Reading – Swindon	Swindon – Didcot	£54m
Reading – Oxford	Oxford – Radley	£30m
Reading – Taunton (Westbury)	Reading West – Theale	£24m
Swindon – Bristol Temple Meads	Swindon – Chippenham	£23m
Bristol Parkway – Newport	Filning – Patchway	£22m
Swindon – Bristol Parkway	Swindon – Bristol Parkway	£21m
Taunton – Exeter	Taunton – Tiverton Parkway	£18m
Bristol Temple Meads – Taunton	Nailsea & Blackwell – Yatton	£15m
Cheltenham – Bristol Parkway	Yate and Cam & Dursley	£13m
Reading – Basingstoke	Reading West – Mortimer	£12m
Westbury – Taunton	Castle Cary – Taunton	£12m
Bristol Temple Meads – Taunton	Bridgwater – Highbridge & Burnham	£11m
Exeter – Plymouth	Totnes – Ivybridge	£9m
Bristol Temple Meads – Westbury	Avoncliff – Freshford	£7m
Plymouth – Penzance	St Germans – Menheniot	£8m
Cardiff Central – Birmingham New Street	Cardiff Central – Newport	£8m
Swindon – Cheltenham	Swindon – Kemble	£5m
Oxford – Worcester	Oxford – Hanborough	£5m
Westbury – Salisbury	Dilton Marsh – Warminster	£4m
Exmouth – Exeter	Polsloe Bridge – St Jame's Park	£3.6m
Gloucester to Severn Tunnel Jn	Gloucester – Severn Tunnel	£2.4m
Barnstaple – Exeter	Exeter St Davids – Newton St Cyres	£1.1m
Castle Cary – Dorchester	Castle Cary – Yeovil Pen Mill	£1m
Par – Newquay	Newquay – Qunitrel Downs	£0.3m
Westbury – Chippenham	Melksham – Trowbridge	£0.1m

Source: South NR Great Western RUS (p249).

APPENDIX 5: Survey and postcode data

5a: Questionnaire form.

HEART OF WESSEX LINE - STUDY OF RAIL SERVICE IMPROVEMENT OPTIONS

The Heart of Wessex Rail Partnership has commissioned a study into ways in which the train service between **Weymouth and Bristol** (the 'Heart of Wessex') line could be improved. This short questionnaire will help us understand the views of key employers and stakeholders along the rail corridor. If you prefer, the study leader, Andrew Griffiths, will telephone at a suitable time to discuss the issues with you (he can be contacted at andrew@imagerail.com or 01768 800208). A response by **3 November** would be much appreciated. Thankyou for your help.

1. Name and postcode of the organisation you represent.	
2. Your nearest Heart of Wessex Line station	
3. What do you feel are the main weaknesses (if any) of the current service, both in general and in terms of journey options / local travel needs?	
4. If the service could be improved what in your view would be most important developments?	
5. On a scale of 0 (irrelevant) to 10 (essential) please score the following aspirations: <ul style="list-style-type: none"> - more frequent weekday services - a Sunday morning service year-round - a special 'sand & cycle' summer service to Weymouth - services geared around key commuting times - services on a standard pattern or 'clockface' timings. - speed of journey. - all services call at all stations. - reliability of the train service. - comfort and quality of the rolling stock. - good connections at Westbury (or Castle Cary) for London and the Westcountry. - Other (which?) 	<i>Number 0-10</i>
6. What are your views on having more frequent services south of Westbury if it has to mean that in off-peak times passengers have to change at Westbury in order to get to (or from) e.g. Trowbridge, Bath and Bristol?	
7. Are you aware of many major local trends or developments locally (positive or negative) that might affect the number of people using the rail service in your area over the next 5 years or so?	
8. Would you be prepared to discuss these issues in more detail? If yes, please give a phone number and a convenient time to call.	

5b: Survey responses.

Total - 12 responses.

Main weaknesses of the current service:

- Overcrowding at peak times; 3-hour gap in early/mid afternoon for down trains.
- Arrival and departure times at Yeovil do not support commuting by train into Yeovil.
- Arrival and departure times [at Yeovil] are not meeting the needs of students or staff.
- Lack of frequency of service; poor connections.
- Infrequent service limits opportunities for day trips and commuting; Sunday day trips in Winter impossible.
- The poor frequency of service: because of the length of most journeys customers cannot travel from A to B and return within a reasonable timescale on the same day.
- More frequent service is needed particularly at weekends and especially on Sunday; too many trains run late due mainly to the single line; more carriages needed Easter to the start of the Summer Holidays, and in September.
- Frequency; lack of Sunday morning service; capacity in Summer.
- Frequency; connections with HST poor; Sunday service; disability access.
- Long gaps in frequency; no Sunday morning [service] to Weymouth.

Most important desired improvements:

- Longer trains.
- Develop a commuter service and associated bus connections (train and cycle usage must be incorporated into any review).
- A journey which arrives at Yeovil between 0800-0845 and departs between 1645-1730.
- More capacity.
- A regular hourly clockface timetable.
- Regular service provision and greater capacity per train.
- Frequency of services.
- Frequency.
- Encouraging commuters.
- Improved frequency especially Sunday morning.

Aspirations on a scale of 0 (irrelevant) to 10 (essential):	Average	Range
- more frequent weekday services.	9.0	6-10
- a Sunday morning service year-round.	7.1	0-10
- a special 'sand & cycle' summer service to Weymouth.	6.6	0-10
- services geared around key commuting times	8.6	0-10
- services on a standard pattern or 'clockface' timings.	7.4	2-10
- speed of journey.	6.6	4-10
- all services call at all stations.	8.2	6-10
- reliability of the train service.	9.4	8-10
- comfort and quality of the rolling stock.	7.0	5-10
- good connections for London and the Westcountry.	7.7	5-10

- Other:

- Customer information screens.
- Greater provision for cycles on board.
- Longer trains.
- Some services longer trains.
- Length of trains, i.e. more capacity.
- Last train later in both directions.
- More capacity for cycles.

Views on a more frequent services south of Westbury with a trade off of fewer through journeys:

- Strongly support hourly service from Westbury south.
- Strongly oppose having to change at Westbury.
- Supportive if this would allow commuting [to Yeovil] to take place.
- Our main concern is for a journey into Yeovil around [working] times, more frequent services do not meet our requirements.
- Although there is a strong customer resistance to changing, generally in favour if it means more options for travel, but connection times must work - the change must be guaranteed, with a max 30 minute gap.
- Most services need to do the full journey at all times but a few shuttle trains from Westbury could be possible.
- A very important interim measure and improvement.
- Passengers would be prepared to change trains if it meant more services available to, say, Bath and Bristol; the connections would need to be improved and the reliability would need to be improved.
- Don't think this is a problem, customers happy to change at Westbury; Sunday morning connecting service Weymouth to Westbury needed.
- Yes please - and how to provide a more frequent service to Taunton.
- Agree to more frequent service south of Westbury but am concerned that whatever soundbites are said, connections at Westbury will not be guaranteed, and [they] need to be cross platform.

Major local trends that might affect rail patronage:

- Nearly 5,000 homes to be built in Yeovil by 2026 (which may or may not increase the volume of commuters into Yeovil).
- The raising of the school leaving age to 18 will mean more young people will require transportation to their chosen establishment / course.
- Growth in travel to Portland Port as a legacy of the Olympics.
- Major business developments and housing in Yeovil; a bus link from Pen Mill to Lysander Road main business area is needed for commuting.
- Olympics at Weymouth; Yeovil Rail Study.
- Olympics 2012 - sailing in Weymouth / Portland, short period where major increase in passengers is probable.
- Olympics in Portland.
- Completion of new housing estate in Bruton.
- Yeovil population expanding.

5c: Postcode sectors of residence of people at major Yeovil establishment.

Postcode sector	Count
BA21 3	514
BA20 2	399
BA22 8	247
BA21 5	235
BA21 4	187
BA22 9	136
TA12 6	127
DT9 6	104
TA14 6	66
TA18 8	65
TA11 6	64
BA20 1	61
TA19 0	55
TA18 7	53
DT9 5	45
TA19 9	45
DT9 4	44
TA13 5	44
TA10 9	39
BA22 7	38
TA16 5	31
DT10 2	27
DT4 9	26
BA16 0	25
BA7 7	24
DT8 3	24
TA20 1	24
DT9 3	23
TA11 7	22
DT1 2	21
BA9 9	20
TA10 0	19
TA20 2	17
DT2 9	16
DT2 0	15
BA6 8	14
BA8 0	12
DT3 5	12
SP8 4	12
TA1 2	12
TA15 6	12
BA4 5	10
DT3 4	10

APPENDIX 6: Timetable Options

6a: Insertion of additional unit to existing timetable

Option A: FGW January 2010.

Southbound.

Departs From				06.47 Worcester	08.46 Bristol	08.42 Gloucester	10.42 Gloucester	12.51 Great	14.42 Gloucester	14.51 Great	16.42 Gloucester	18.51 Great
				Shrub	Parkway			Malvern		Malvern		Malvern
BRISTOL TEMPLE MEADS	Dep	.....	.....	08.40	09.05	09.49	11.49	14.49	15.43	16.49	17.49	20.49
Keynsham		..	..	08.47	..	09.56	11.56	14.56	15.50	16.56	17.56	20.56
Oldfield Park		.....	.....	08.54	09.17	10.03	12.03	15.03	15.57	17.03	18.03	21.03
BATH SPA	Arr	..	..	08.56	09.19	10.05	12.05	15.05	15.59	17.06	18.06	21.06
	Dep	.....	.....	08.58	09.21	10.07	12.07	15.07	16.01	17.07	18.07	21.07
Freshford		..	..	09.07	..	10.16	12.16	15.16	16.10	17.16	18.16	21.16
Avoncliff		.....	.....	09x09	.....	10x18	12x18	15x18	16x12	17x18	18x18	21x18
Bradford-on-Avon		..	..	09.13	09.33	10.22	12.22	15.22	16.16	17.22	18.22	21.22
Trowbridge		.....	.....	09.19	09.39	10.28	12.28	15.28	16.22	17.28	18.28	21.28
WESTBURY	Arr	..	..	09.27	09.48	10.36	12.36	15.36	16.29	17.36	18.36	21.36
	Dep	05.40	06.47	09.31	09.54	10.37	12.37	15.37	16.45	17.38	18.39	21.38
Frome		..	06.56	09.40	10.03	10.46	12.47	15.47	16.54	17.47	18.49	21.49
Bruton		05.54	07.08	09.52	10.15	10.58	12.57	15.58	17.06	17.59	19.00	22.01
CASTLE CARY	Arr	05.59	07.13	09.57	10.20	11.03	13.03	16.04	17.11	18.04	19.05	22.06
	Dep	06.00	07.14	09.58	10.21	11.03	13.04	16.09	17.12	18.05	19.06	22.06
YEOVIL PEN MILL	Arr	06.12	07.29	10.10	10.33	11.16	13.16	16.22	17.24	18.19	19.18	22.19
	Dep	06.14	07.35	10.12	10.35	11.17	13.17	16.24	17.25	18.21	19.19	22.20
Thornford		..	07x39	10x16	10x40	11x22	13x22	16x28	17x30	18x26	19x24	22x25
Yetminster		.....	07x42	10x19	10x43	11x25	13x25	16x31	17x33	18x29	19x27	22x28
Chetnole		..	07x46	10x23	10x47	11x29	13x29	16x35	17x37	18x33	19x31	22x32
MAIDEN NEWTON	Arr	06.31	07.57	10.35	10.57	11.39	13.40	16.46	17.47	18.43	19.42	22.42
	Dep	06.38	08.03	10.35	10.58	11.41	13.41	16.47	17.55	18.44	19.43	22.44
DORCHESTER WEST	Arr	06.48	08.13	10.45	11.08	11.51	13.51	16.57	18.05	18.55	19.53	22.54
	Dep	06.48	08.14	10.46	11.09	11.54	13.54	16.58	18.06	18.58	19.54	22.54
Upwey		06.56	08.22	10.54	11.20	12.02	14.02	..	18.14	19.06	20.01	23.02
WEYMOUTH	Arr	07.03	08.29	11.02	11.26	12.08	14.08	17.09	18.25	19.13	20.08	23.09

Northbound.

WEYMOUTH	Dep	05.31	06.42	07.35	08.50	11.10	13.10	14.10	15.08	17.30	19.12	20.21
Upwey		05.35	06.47	07.40	08.55	11.15	13.15	14.15	15.13	17.35	19.17	20.26
DORCHESTER WEST	Arr	05.42	06.54	07.47	09.02	11.22	13.22	14.22	15.20	17.42	19.24	20.33
	Dep	05.43	06.55	07.48	09.03	11.23	13.23	14.23	15.21	17.43	19.25	20.34
MAIDEN NEWTON	Arr	05.54	07.05	08.00	09.13	11.34	13.33	14.33	15.31	17.53	19.35	20.44
	Dep	05.55	07.07	08.05	09.15	11.43	13.43	14.35	15.33	17.54	19.47	20.45
Chetnole		06x04	07x15	08x13	09x23	11x50	13x51	14x43	15x42	18x03	19x55	20x54
Yetminster		06x06	07x18	08x16	09x26	11x53	13x54	14x46	15x45	18x06	19x58	20x57
Thornford		06x08	07x20	08x18	09x28	11x56	13x56	14x48	15x47	18x08	20x00	20x59
YEOVIL PEN MILL	Arr	06.17	07.28	08.26	09.36	12.05	14.04	14.56	15.54	18.16	20.06	21.07
	Dep	06.20	07.30	08.27	09.38	12.05	14.06	14.58	15.56	18.23	20.07	21.09
CASTLE CARY	Arr	06.33	07.43	08.40	09.51	12.19	14.19	15.11	16.09	18.36	20.20	21.22
	Dep	06.45	07.44	08.42	09.52	12.22	14.20	15.12	16.10	18.37	20.25	21.23
Bruton		06.51	07.49	08.47	09.58	12.27	14.26	15.18	16.16	18.43	20.31	21.29
Frome		07.04	08.02	09.00	10.15	12.39	14.39	15.30	16.29	19.05	20.42	21.42
WESTBURY	Arr	07.12	08.13	09.09	10.24	12.48	14.48	15.41	16.38	19.17	20.51	21.51
	Dep	07.18	08.17	.....	10.38	12.49	14.48	.....	16.38	19.17	.....	21.55
Trowbridge		07.24	08.23	.....	10.44	12.55	14.54	.....	16.44	19.23	.....	22.01
Bradford-on-Avon		07.30	08.29	..	10.50	13.01	15.00	.....	16.50	19.29	..	22.07
Avoncliff		07x32	08x31	.....	10x52	13x03	15x02	.....	16x53	19x31	.....	22x09
Freshford		07.36	08.34	..	10.55	13.05	15.06	.....	16.55	19.35	..	22.13
BATH SPA	Arr	07.47	08.45	.....	11.06	13.17	15.17	.....	17.06	19.46	.....	22.24
	Dep	07.48	08.47	..	11.08	13.19	15.18	.....	17.08	19.47	..	22.26
Oldfield Park		07.51	08.49	.....	11.10	13.21	15.21	.....	17.10	19.50	.....	22.28
Keynsham		07.58	08.57	..	11.17	13.28	15.28	.....	17.17	19.58	..	22.35
BRISTOL TEMPLE MEADS	Arr	08.06	09.04	.....	11.29	13.36	15.36	.....	17.29	20.05	.....	22.44
To		Bristol	Bristol		Gloucester	Gloucester	Gloucester		Gloucester			
Arrives		Parkway 08.29	Parkway 09.28		12.31	14.32	16.32		18.32			

Option B: FGW January 2010.

Southbound.

Departs From				06.47 Worcester Shrub	08.42 Gloucester	10.42 Gloucester		12.51 Great Malvern	14.51 Great Malvern	16.42 Gloucester	17.30 Chelten'm	18.51 Great Malvern
BRISTOL TEMPLE MEADS	Dep	....	06.44	08.40	09.49	11.49	....	14.49	16.49	17.49	18.49	20.49
Keynsham		..	06.51	08.47	09.56	11.56	..	14.56	16.56	17.56	18.56	20.56
Oldfield Park		....	06.58	08.54	10.03	12.03	....	15.03	17.03	18.03	19.03	21.03
BATH SPA	Arr	..	07.00	08.56	10.05	12.05	..	15.05	17.06	18.06	19.06	21.06
	Dep	....	07.02	08.58	10.07	12.07	....	15.07	17.07	18.07	19.07	21.07
Freshford		..	07.12	09.07	10.16	12.16	..	15.16	17.16	18.16	19.16	21.16
Avoncliff		....	07x14	09x09	10x18	12x18	....	15x18	17x18	18x18	19x18	21x18
Bradford-on-Avon		..	07.18	09.13	10.22	12.22	..	15.22	17.22	18.22	19.22	21.22
Trowbridge		....	07.24	09.19	10.28	12.28	....	15.28	17.28	18.28	19.28	21.28
WESTBURY	Arr	..	07.33	09.27	10.36	12.36	..	15.36	17.36	18.36	19.36	21.36
	Dep	06.47	07.35	09.31	10.37	12.37	13.43	15.36	17.38	18.39	19.37	21.38
Frome		06.56	07.44	09.40	10.46	12.47	13.52	15.46	17.47	18.49	19.46	21.49
Bruton		07.08	07.56	09.52	10.58	12.57	14.04	15.57	17.59	19.00	19.58	22.01
CASTLE CARY	Arr	07.13	08.01	09.57	11.03	13.03	14.09	16.03	18.04	19.05	20.03	22.06
	Dep	07.14	08.02	09.58	11.03	13.04	14.20	16.09	18.05	19.06	20.04	22.06
YEOVIL PEN MILL	Arr	07.29	08.14	10.10	11.16	13.16	14.33	16.22	18.19	19.18	20.17	22.19
	Dep	07.35	08.15	10.12	11.17	13.17	14.34	16.24	18.21	19.19	20.18	22.20
Thornford		07x39	08x20	10x16	11x22	13x22	14x38	16x28	18x26	19x24	20x23	22x25
Yetminster		07x42	08x23	10x19	11x25	13x25	14x41	16x31	18x29	19x27	20x26	22x28
Chetnole		07x46	08x27	10x23	11x29	13x29	14x45	16x35	18x33	19x31	20x30	22x32
MAIDEN NEWTON	Arr	07.57	08.37	10.35	11.39	13.40	14.55	16.46	18.43	19.42	20.40	22.42
	Dep	07.58	08.39	10.37	11.41	13.41	14.56	16.47	18.44	19.43	20.46	22.44
DORCHESTER WEST	Arr	08.08	08.49	10.47	11.51	13.51	15.06	16.57	18.55	19.53	20.56	22.54
	Dep	08.09	08.50	10.48	11.54	13.54	15.07	16.58	18.58	19.54	20.57	22.54
Upwey		08.17	08.57	10.56	12.02	14.02	15.17	..	19.06	20.01	21.07	23.02
WEYMOUTH	Arr	08.24	09.02	11.01	12.08	14.08	15.23	17.09	19.13	20.08	21.15	23.09

Northbound.

WEYMOUTH	Dep	05.33	06.40	08.50	10.10	11.10	13.10	15.08	16.52	17.30	20.18	21.30
Upwey		05.37	06.45	08.55	10.15	11.15	13.15	15.13	16.57	17.35	20.23	21.35
DORCHESTER WEST	Arr	05.44	06.52	09.02	10.22	11.22	13.22	15.20	17.04	17.42	20.30	21.42
	Dep	05.45	06.53	09.03	10.23	11.23	13.23	15.21	17.05	17.43	20.31	21.43
MAIDEN NEWTON	Arr	05.56	07.03	09.13	10.34	11.34	13.33	15.31	17.15	17.53	20.41	21.53
	Dep	05.57	07.05	09.15	10.43	11.43	13.43	15.33	17.17	17.54	20.45	21.55
Chetnole		06x06	07x13	09x23	10x51	11x50	13x51	15x42	17x25	18x03	20x54	22x03
Yetminster		06x08	07x16	09x26	10x54	11x53	13x54	15x45	17x28	18x06	20x57	22x05
Thornford		06x10	07x18	09x28	10x56	11x56	13x56	15x47	17x30	18x08	20x59	22x07
YEOVIL PEN MILL	Arr	06.19	07.26	09.36	11.04	12.05	14.04	15.54	17.38	18.16	21.07	22.15
	Dep	06.20	07.30	09.38	11.18	12.05	14.06	15.56	17.40	18.23	21.09	22.22
CASTLE CARY	Arr	06.33	07.43	09.51	11.31	12.19	14.19	16.09	17.53	18.36	21.22	22.35
	Dep	06.45	07.44	09.52	11.32	12.22	14.20	16.10	17.56	18.37	21.23	22.36
Bruton		06.51	07.49	09.58	11.38	12.27	14.26	16.16	18.02	18.43	21.29	22.42
Frome		07.04	08.02	10.15	11.49	12.39	14.39	16.29	18.15	19.05	21.42	22.55
WESTBURY	Arr	07.12	08.13	10.24	11.59	12.48	14.48	16.38	18.23	19.17	21.51	23.05
	Dep	07.18	08.17	10.38		12.49	14.48	16.38	18.38	19.17	21.55	
Trowbridge		07.24	08.23	10.44		12.55	14.54	16.44	18.44	19.23	22.01	
Bradford-on-Avon		07.30	08.29	10.50		13.01	15.00	16.50	18.50	19.29	22.07	
Avoncliff		07x32	08x31	10x52		13x03	15x02	16x53	18x52	19x31	22x09	
Freshford		07.36	08.34	10.55		13.05	15.06	16.55	18.55	19.35	22.13	
BATH SPA	Arr	07.47	08.45	11.06		13.17	15.17	17.06	19.06	19.46	22.24	
	Dep	07.48	08.47	11.08		13.19	15.18	17.08	19.08	19.47	22.26	
Oldfield Park		07.51	08.49	11.10		13.21	15.21	17.10	19.10	19.50	22.28	
Keynsham		07.58	08.57	11.17		13.28	15.28	17.17	19.17	19.58	22.35	
BRISTOL TEMPLE MEADS	Arr	08.06	09.04	11.29		13.36	15.36	17.29	19.29	20.05	22.44	
To		Bristol	Bristol	Gloucester		Gloucester	Gloucester	Gloucester	Chelten'm			
Arrives		Parkway 08.29	Parkway 09.28	12.31		14.32	16.32	18.32	20.48			

6b: The 'Optimisation' Approach.

Service optimisation + Unit balanced

M-S dn	BPW	BRI	WSB	YVP	WEY	M-S up	WEY	YVP	WSB	BRI	BPW
			0540	0625	0715		0535	0625	0710	0800	0820
			0640	0725	0815		0635	0725	0810	0900	0920
	0630	0650	0740	0825	0915		0735	0825	0910	1000	1020
	0730	0750	0840	0925	1015		0835	0925	1010	1100	1120
	0830	0850	0940	1025	1115		0935	1025	1110		
	0950	0950	1040	1125	1215		1035	1125	1210		
			1140	1225	1315		1135	1225	1310		
			1240	1325	1415		1235	1325	1410		
			1340	1425	1515		1335	1425	1510	1600	1620
			1440	1525	1615		1435	1525	1610	1700	1720
	1430	1450	1540	1625	1715		1535	1625	1710	1800	1820
	1530	1550	1640	1725	1815		1635	1725	1810	1900	1920
	1630	1650	1740	1825	1915		1735	1825	1910		
	1730	1750	1840	1925	2015		1835	1925	2010		
			1940	2025	2115		1935	2025	2110		
			2140	2225	2315		2135	2225	2310		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0540	WSB	WSB	2010	Yes BPW 1020-1530
2	0640	WSB	WSB	2310	Yes BPW 1120-1430
3	0630	BPW	WEY	2315	No
4	0730	BPW	WEY	2015	No
5	0535	WEY	BPW	1820	No
6	0635	WEY	BPW	1920	No

SuO dn	BPW	BRI	WSB	YVP	WEY	SuO up	WEY	YVP	WSB	BRI	BPW
Summer		0850	0940	1025	1115	Summer	0935	1025	1110	1200	
			1140	1225	1315		1135	1225	1310		
			1340	1425	1515		1335	1525	1510		
			1540	1625	1715		1535	1625	1710	1800	
	1650		1740	1825	1915		1735	1825	1910		
			1940	2025	2115		1935	2025	2110		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	1800	No
2	0935	WEY	WSB	2110	Yes BRI 1200-1650
3	1140	WSB	WEY	2115	Yes WSB until 1140

SuO dn	BPW	BRI	WSB	YVP	WEY	SuO up	WEY	YVP	WSB	BRI	BPW
Winter		0850	0940	1025	1115	Winter	0935	1025	1110	1200	
			1340	1425	1515		1135	1225	1310		
	1450		1540	1625	1715		1535	1625	1710	1800	
			1940	2025	2115		1735	1825	1910		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	1805	No
2	0935	WEY	WEY	2120	Yes BRI 1200-1450

6c: The 'Minimisation' Approach.

Service minimisation + Unit interworking

M-S dn	BPW	BRI	WSB	YVP	WEY	M-S up	WEY	YVP	WSB	BRI	BPW
			0550 ECS	0620 ECS				0625	0710	0800	0820
			0640	0725	0815		0635	0725	0810	0900	0920
			0740	0825	0915		0735	0825	0910	1000	1020
			0840	0925	1015		0835	0925	1010	1100	1120
	0830	0850	0940	1025	1115		0935	1025	1110		
	0930	0950	1040	1125	1215		1035	1125	1210		
			1140	1225	1315		1135	1225	1310		
			1340	1425	1515		1335	1425	1510		
			1540	1625	1715		1535	1625	1710	1800	1820
	1530	1550	1640	1725	1815		1635	1725	1810	1900	1920
	1630	1650	1740	1825	1915		1735	1825	1910		
	1730	1750	1840	1925	2015		1835	1925	2010		
	1830	1850	1940	2025				2030 ECS	2100 ECS		
			2040	2125	2215		2035	2125	2210		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0550	WSB	WSB	2100	No
2	0640	WSB	WSB	2210	No
3	0635	WEY	BPW	1920	Yes WEY 1215-1635
4	0735	WEY	WSB	2010	No
5	0740	WSB	WEY	2215	No
6	0840	WSB	WSB	1210	Yes WSB from 1210
7	1630	BPW	WEY	1915	Yes BPW until 1630

SuO dn Summer	BPW	BRI	WSB	YVP	WEY	SuO up Summer	WEY	YVP	WSB	BRI	BPW
			0850	0940	1025	1115	0935	1030	1110	1200	
				1140	1225	1315	1135	1225	1310	1400	
			1250	1340	1425	1515	1335	1525	1510		
				1540	1625	1715	1535	1625	1710	1800	
			1650	1740	1825	1915	1735	1825	1910		
				1940	2025	2115	1935	2025	2110		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	2200	Yes BRI 1400-1650
2	0935	WEY	BRI	1800	No
3	1140	WSB	WEY	2115	Yes WSB until 1140

SuO dn Winter	BPW	BRI	WSB	YVP	WEY	SuO up Winter	WEY	YVP	WSB	BRI	BPW
			0850	0940	1025	1115	0935	1025	1110	1200	
				1340	1425	1515	1135	1225	1310		
			1450	1540	1625	1715	1535	1625	1710	1800	
				1940	2025	2115	1735	1825	1910		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	1800	No
2	0935	WEY	WEY	2115	Yes BRI 1200-1450

6d: The 'Attachments' Approach.

Attach / detach to CDF-PMH services at WSB

M-S dn	CDF	BRI	WSB	YVP	WEY	M-S up	WEY	YVP	WSB	BRI	CDF
			0610	0650	0740		0530	0620	0705	0755	0845
		0625	0710	0750	0840		0630	0720	0805	0855	0945
	0630	0725	0810	0850	0940		0730	0820	0905	0955	1045
	0730	0825	0910	0950	1040		0830	0920	1005	1055	1145
	0830	0925	1010	1050	1140		0930	1020	1105	1155	1245
	0930	1025	1110	1150	1240		1030	1120	1205	1255	1345
	1030	1125	1210	1250	1340		1130	1220	1305	1355	1445
	1130	1225	1310	1350	1440		1230	1320	1405	1455	1545
	1230	1325	1410	1450	1540		1330	1420	1505	1555	1645
	1330	1425	1510	1550	1640		1430	1520	1605	1655	1745
	1430	1525	1610	1650	1740		1530	1620	1705	1755	1845
	1530	1625	1710	1750	1840		1630	1720	1805	1855	1945
	1630	1725	1810	1850	1940		1730	1820	1905	1955	2045
	1730	1825	1910	1950	2040		1830	1920	2005	2055	
			2110	2150	2240		1930	2020	2105		
			2310	2350	0040		2130	2220	2305		

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0610	WSB	CDF	1945	No
2	0625	BRI	CDF	2045	No
3	0630	CDF	BRI	2055	No
4	0730	CDF	WEY	2240	No
5	0830	CDF	WEY	1940	No
6	0530	WEY	WEY	0040	No
7	0630	WEY	CDF	1745	CDF from 1745
8	0730	WEY	CDF	1845	No

SuO dn Summer	BRI	WSB	YVP	WEY	SuO up Summer	WEY	YVP	WSB	BRI
	0850	0940	1025	1115		0935	1025	1110	1200
		1140	1225	1315		1135	1225	1310	
		1340	1425	1515		1335	1525	1510	
		1540	1625	1715		1535	1625	1710	1800
	1650	1740	1825	1915		1735	1825	1910	
		1940	2025	2115		1935	2025	2110	

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	1800	No
2	0935	WEY	WSB	2110	Yes BRI 1200-1650
3	1140	WSB	WEY	2115	Yes WSB until 1140

SuO dn Winter	BRI	WSB	YVP	WEY	SuO up Winter	WEY	YVP	WSB	BRI
	0850	0940	1025	1115		0935	1025	1110	1200
		1340	1425	1515		1135	1225	1310	
	1450	1540	1625	1715		1535	1625	1710	1800
		1940	2025	2115		1735	1825	1910	

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0850	BRI	BRI	1805	No
2	0935	WEY	WEY	2120	Yes BRI 1200-1450

6e: The 'Connections' Approach.

Connect with CDF-PMH services at WSB

M-S dn	WSB	YVP	WEY	M-S up	WEY	YVP	WSB
	0610	0650	0740		0530	0620	0705
	0710	0750	0840		0630	0720	0805
	0810	0850	0940		0730	0820	0905
	0910	0950	1040		0830	0920	1005
	1010	1050	1140		0930	1020	1105
	1110	1150	1240		1030	1120	1205
	1210	1250	1340		1130	1220	1305
	1310	1350	1440		1230	1320	1405
	1410	1450	1540		1330	1420	1505
	1510	1550	1640		1430	1520	1605
	1610	1650	1740		1530	1620	1705
	1710	1750	1840		1630	1720	1805
	1810	1850	1940		1730	1820	1905
	1910	1950	2040		1830	1920	2005
	2110	2150	2240		1930	2020	2105
	2310	2350	0040		2130	2220	2305

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0610	WSB	WEY	1940	No
2	0530	WEY	WEY	0040	No
3	0630	WEY	WSB	2005	No
4	0730	WEY	WEY	2240	No

SuO dn	WSB	YVP	WEY	SuO up	WEY	YVP	WSB
	0940	1025	1115		0935	1025	1110
	1140	1225	1315		1135	1225	1310
	1340	1425	1515		1335	1525	1510
	1540	1625	1715		1535	1625	1710
	1740	1825	1915		1735	1825	1910
	1940	2025	2115		1935	2025	2110

Diagrams	Start time	From	To	End time	Available interpeak for non-HoWL work / servicing
1	0940	WSB	WSB	2110	No
3	0935	WEY	WEY	2115	No

6f: Estimated interchange journeys.

Origin Line	Bristol	Bristol 2	Cardiff	Exeter	HOWL	Reading	Salisbury	Swindon	Unallocated	Weymouth	Grand Total
Bristol					99,468						99,468
Bristol 2					14,820						14,820
Cardiff					11,520						11,520
Exeter					10,250						10,250
HOWL	238,727	15,746	28,981	11,975	135,926	21,869	7,615	17,347	45,308	3,817	527,311
Reading					23,980						23,980
Salisbury					9,435						9,435
Swindon					20,212						20,212
Unallocated					47,188						47,188
Weymouth					3,201						3,201
Grand Total	238,727	15,746	28,981	11,975	376,000	21,869	7,615	17,347	45,308	3,817	767,385

	Pax	Pax	Pax %
HOWL - local only	135,926	135,926	18%
Bristol extension (WSB-BTM)	338,194	338,194	44%
Bristol-TM (excl) to Cardiff	40,502	40,502	5%
Interchange: Bristol	30,565	48,205	6%
Interchange: Exeter	22,225	35,052	5%
Interchange: Reading/Swindon	83,408	131,546	17%
Interchange: Salisbury	17,051	26,891	4%
Interchange: Weymouth	7,018	11,069	1%
Unallocated	92,496		
	767,385	767,385	

6g: Carbon emissions.

Calculation / Timetable	Calculation	Base	Optimisation	Minimisation	Attachments	Connections
A HoWL distance (miles)		59.3	59.3	59.3	59.3	59.3
B HoWL distance (km)	= Ax1.069	95.4	95.4	95.4	95.4	95.4
C HoWL trips MS		16	32	26	32	32
D HoWL trips Su		8	10	10	10	12
E Annual timetabled trips	= Cx313 + Dx52	5424	10536	8658	10536	10640
F Average cancellation rate		99.8%	99.8%	99.8%	99.8%	99.8%
G Annual trips run	= ExF	5413	10515	8641	10515	10619
H Annual distance (km)	= BxG	516489	1003268	824440	1003268	1013171
I Fuel burnt (l/km)		0.862	0.862	0.862	0.862	0.862
J Carbon emitted (kg/l)		2.674	2.674	2.674	2.674	2.674
K Carbon emitted (kg/km)	= IxJ	2.305	2.305	2.305	2.305	2.305
L Total carbon emissions (kg)	= HxIxJ	1190501	2312521	1900323	2312521	2335348
M Seats / unit [cl.150]		140	140	140	140	140
N Annual seat km	= HxM	72308441	140457546	115421548	140457546	141843991
O Carbon per seat/km (kg)	= L/N	0.016	0.016	0.016	0.016	0.016
P Journeys		113952	208452	161952	207952	137952
Q Carbon per journey (kg)	= L/P	10.447	11.094	11.734	11.120	16.929

NB 'Journeys' includes factoring for additional Westbury-Bristol where appropriate

Growth is 5% p.a. for the base and 10% for the more attractive new timetable options:

Year 3

P Journeys		125632	228297	172032	227692	142992
Q Carbon per journey (kg)		9.476	10.129	11.046	10.156	16.332

Year 5

P Journeys		138509	252309	184229	251577	149090
Q Carbon per journey (kg)		8.595	9.165	10.315	9.192	15.664

Year 10

P Journeys		185616	359061	238452	357764	176202
Q Carbon per journey (kg)		6.414	6.440	7.969	6.464	13.254