

# project 110

faster  
more frequent  
more seats



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London **midland** 

# Project 110 – Faster, More Frequent, More Seats

## Why 'Project 110'?

London Midland's Class 350 'Desiro' is the mainstay of our services on the West Coast Main Line. Although currently limited to 100mph, the fleet is technically capable of 110mph operation. Subject to testing in Autumn 2011 to confirm that running at 110 mph is compatible with Network Rail's overhead line equipment and signalling 30 Class 350/1 trains will be modified to operate at up to 110 mph between Spring and Autumn 2012.



This allows us to:

- operate additional fast line trains by fitting two 110mph trains into the "path" currently occupied by one train at 100mph
- keep out of the way of other trains running at 125mph on the 'fast lines', allowing us to use the direct route from Milton Keynes to Rugby (not via Northampton) without reducing the frequency of services between London and Northampton

## Benefits

The benefits are huge and include:

- much faster journeys between London and Milton Keynes / Northampton / Rugby and Trent Valley stations, (journey times between Nuneaton and London Euston reduced by between 20 and 30 minutes).
- three additional services in the morning peak, two of which operate non-stop from Northampton to London reducing fastest peak journey times from 57 minutes to 48 minutes.
- five additional services in the evening peak from London to Northampton, allowing existing services to be accelerated and the fastest journey time to reduce from 57 minutes to 48 minutes.

- An increase in the number of peak hour seats into/out of London Euston of 1,396 in the morning peak and 2,736 in the evening peak. These are made possible by a combination of improved availability of the Class 350 fleet from December 2012 and the delivery of additional EMU trains in Spring 2014.
- More efficient capacity utilisation of the West Coast Mainline between Euston and Rugby without any significant impact on other operators' services.

Note: the peak enhancements are subject to agreement on funding with the Department for Transport, these discussions are expected to be concluded by the end of this calendar year.

### Programme of Timetable Changes

The table below shows how Project 110 fits into our programme of timetable changes on the West Coast Main Line. There are two phases of Project 110:

- off-peak services from December 2012, and
- peak services from May 2014. The peak phase requires additional rolling stock to be built which is planned for delivery in the Spring of 2014

Phase	Proposed Start	Description	Status
0	September 2011	Increase in through Birmingham/London services via Coventry, Rugby, Northampton and Milton Keynes Central.	Implemented
1	Late 2012	Improved Crewe/London "Trent Valley" services on weekday evenings.	Access rights approved
2a	December 2012	Project 110 off-peak timetable.	<b>Subject of this consultation</b>
2b	May 2014	Project 110 peak timetable.	<b>Subject of this consultation</b>

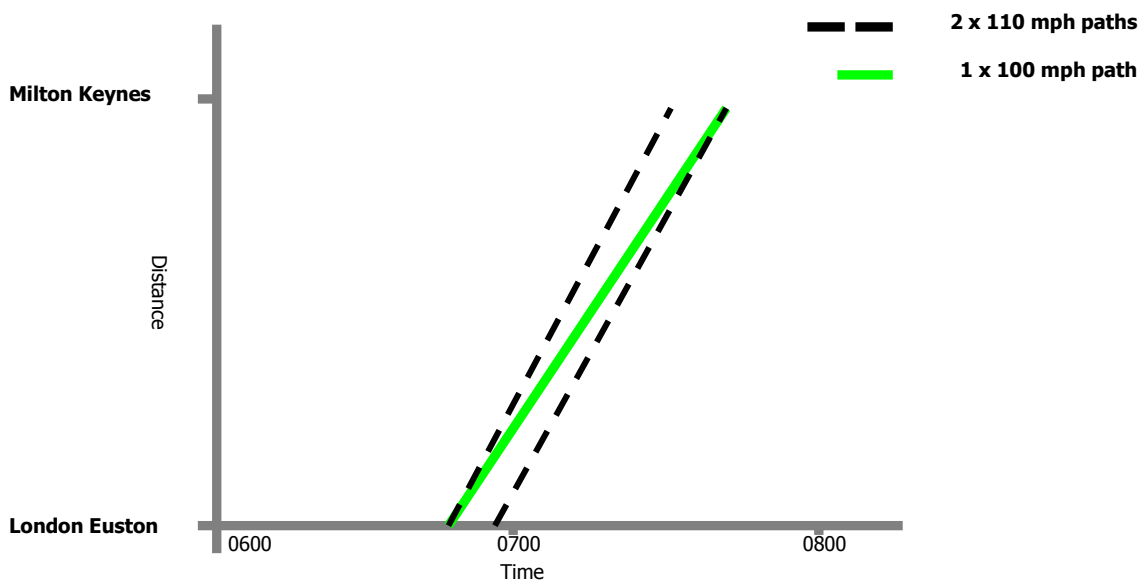
## Outline of the Proposal

### How Does it Work?

Project 110 would change the peak and off-peak service pattern of London Midland services operating between London, Northampton, Birmingham and Crewe.

By modifying the Class 350 fleet to operate at 110 mph maximum instead of 100 mph it is possible to create two 110 mph fast line paths within the same footprint as one 100 mph fast line path between Euston and Milton Keynes. This is illustrated in the diagram below (timings are indicative).

110 mph paths vs 100 mph path



The diagram illustrates that two 110 mph trains can fit in the path of one 100 mph train because the departure slot from London Euston immediately following the 100 mph path cannot be used by a 125 mph train as it would catch the 100 mph train. This proposal therefore utilise previously underutilised capacity which would otherwise be wasted in the 'shadow' of the 100 mph path.

This creates an additional 'Fast line' path in each direction between Milton Keynes and Euston in the standard off-peak hour and up to two extra Fast line paths in the am and pm peak hours. In the off-peak the additional services can be provided by using trains which are otherwise spare because they are only used in the peaks, or by splitting an existing 8-car 100mph train into two 4-car 110mph trains.

We propose to accelerate the Euston-Crewe service which can run direct between Milton Keynes and Rugby via the Weedon route. At 110 mph this can be achieved without impacting on other operators' services. The extra path is then used between Euston and Milton Keynes in order to maintain the three trains per hour pattern between Euston and Northampton.

### **Off Peak Service (from December 2012) - applies Monday to Saturday**

We currently operate two trains per hour on the fast lines from London Euston at the following times each hour (trains operate in the mirror image towards London):

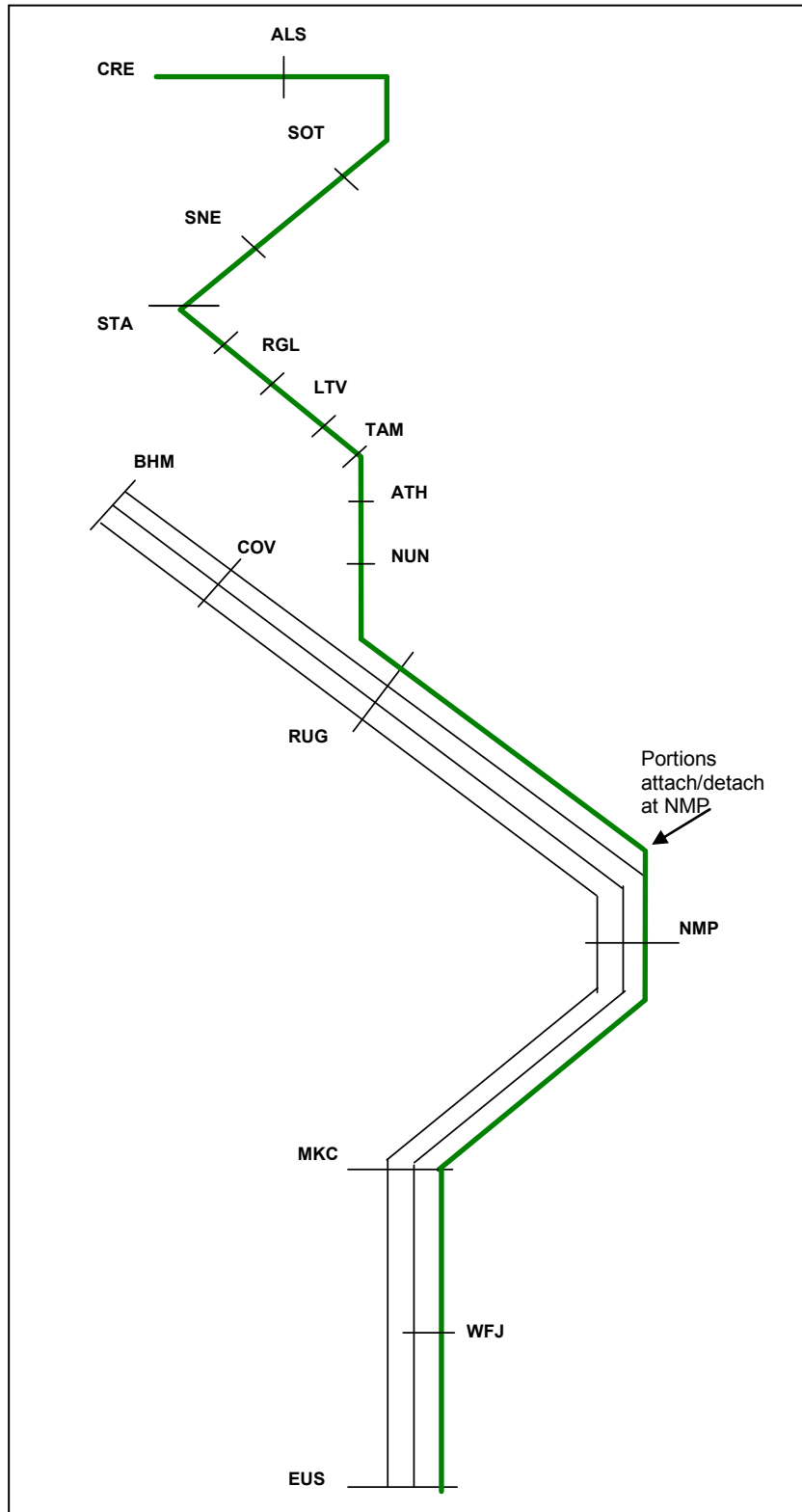
- xx.46 from London to Crewe and Birmingham, calling at Watford Junction, Milton Keynes Central, then Northampton where the train divides for:
  - Rugby and stations to Crewe via the Trent Valley, or
  - Long Buckby, Rugby and stations via Coventry to Birmingham New Street.
- xx.13 from London to Birmingham, running on the fast lines to Ledburn Junction before crossing to the slow lines, then calling at Leighton Buzzard and stations to Birmingham New Street.

The proposal is that:

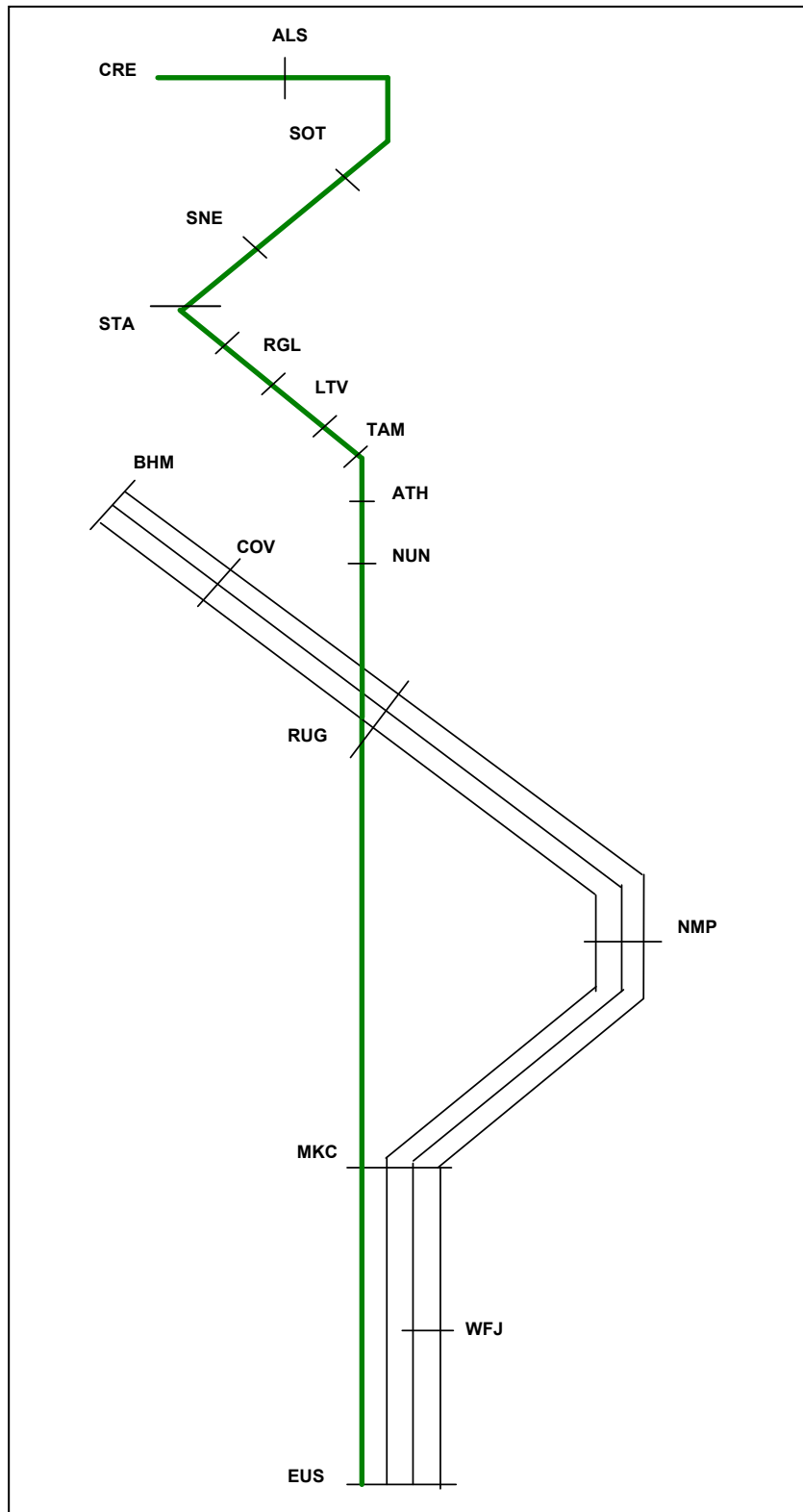
- The xx.46 service will cease to call at Watford Junction, and will run "fast" (i.e. non-stop) via the direct line from Milton Keynes Central to Rugby, then calling as previously.
- A new service will depart Euston at xx.49 calling at Watford Junction, Milton Keynes Central, Northampton, Long Buckby, Rugby and stations via Coventry to Birmingham New Street.
- The xx.13 service will remain unchanged.

A similar service pattern will operate in the reverse direction to London. Slow line services to Tring, Milton Keynes and Northampton are unaltered. Changes are illustrated in the diagrams below.

The diagram below shows the **current** hourly structure of trains operating between Euston and Northampton, (i.e. it excludes the Tring and Milton Keynes services):



The diagram below shows the **proposed** hourly structure of trains operating between Euston and Northampton, (i.e. it excludes the Tring and Milton Keynes services):



**Peak Service (from May 2014) - applies Monday to Friday**

At present London Midland operates the following fast line services in the peak periods (07.00 to 10.00 and 16.00 to 19.00 at Euston).

There are 3 fast line trains per hour in the morning (including the West Coast Trains service from Northampton\*) giving 9 Euston arrivals in the 3-hour peak, arriving at Euston at the following times:

<b>Depart Northampton</b>	<b>Arrive London</b>	<b>Stops</b>
06.17	07.22	calls at Leighton Buzzard then Watford Junction
06.42	07.30*	non-stop from Northampton
06.38	07.40	non-stop from Leighton Buzzard
07.00	08.02	non-stop from Leighton Buzzard
07.13	08.11	non-stop from Leighton Buzzard
07.39	08.39	non-stop from Leighton Buzzard
08.05	09.10	non-stop from Leighton Buzzard
08.25	09.27	non-stop from Leighton Buzzard
08.47	09.44	calls at Milton Keynes Central then Watford Junction

Under 'Project 110' there would be fast line trains from Northampton at the following times (changes in **bold**):

<b>Depart Northampton</b>	<b>Arrive London</b>	<b>Stops</b>
06.17	07.22	calls at Leighton Buzzard then Watford Junction
06.42	07.30*	non-stop from Northampton
06.38	07.40	non-stop from Leighton Buzzard
07.00	08.02	non-stop from Leighton Buzzard
07.13	08.11	non-stop from Leighton Buzzard
<b>07.17</b>	<b>08.03</b>	<b>non-stop from Northampton</b>
07.39	08.39	non-stop from Leighton Buzzard
<b>07.42</b>	<b>08.28</b>	<b>non-stop from Northampton</b>
08.05	09.10	non-stop from Leighton Buzzard
08.25	09.27	non-stop from Leighton Buzzard
08.47	09.44	calls at Milton Keynes Central then Watford Junction

In the evening peak there are currently only 2 fast line trains per hour, i.e. 6 departures in the 3-hour peak, at the following times from London:

<b>Depart London</b>	<b>Arrive Northampton</b>	<b>Stops</b>
16.13	17.12	non-stop to Leighton Buzzard
16.48	17.46	non-stop to Leighton Buzzard
17.13	18.10	non-stop to Leighton Buzzard
17.46	18.49	non-stop to Leighton Buzzard
18.13	19.10	non-stop to Leighton Buzzard
18.49	19.48	non-stop to Leighton Buzzard

'Project 110' would give additional fast line trains and acceleration of the current services as follows (changes in **bold**):

<b>Depart London</b>	<b>Arrive Northampton</b>	<b>Stops</b>
16.13	17.13	non-stop to Leighton Buzzard
<b>16.46</b>	<b>Does not call at NMP</b>	<b>non-stop to Milton Keynes Central (17.20) then Rugby</b>
<b>16.52</b>	<b>17.47</b>	<b>non-stop to Leighton Buzzard</b>
17.13	<b>18.05</b>	<b>non-stop to Milton Keynes</b>
<b>17.16</b>	<b>18.12</b>	<b>non-stop to Leighton Buzzard</b>
17.46	<b>Does not call at NMP</b>	<b>non-stop to Milton Keynes Central (18.20) then Rugby</b>
<b>17.52</b>	<b>18.50</b>	<b>non-stop to Leighton Buzzard</b>
18.13	<b>19.01</b>	<b>non-stop to Milton Keynes</b>
<b>18.16</b>	<b>19.13</b>	<b>non-stop to Leighton Buzzard</b>
18.49	<b>19.40</b>	<b>non-stop to Milton Keynes</b>
<b>18.52</b>	<b>19.50</b>	<b>non-stop to Leighton Buzzard</b>

There will then be a total of 11 fast line trains in each 3-hour peak, morning and evening. Slow line services are unaltered.

## Capacity Benefits

The impact on 3-hour peak seats of this proposal is as follows:

Number of Seats To/From	Morning peak arrivals in London		Evening peak departures from London	
	Present	Proposed	Present	Proposed
Northampton	5,200	5,460	6,178	7,150
Milton Keynes	8,108	7,568	8,798	10,288
Tring	7,108	8,016	7,528	8,486
Hemel Hempstead	7,878	8,826	7,430	8,216
Watford Junction	10,246	11,194	9,528	10,646
London Total	14,176	15,574	13,608	16,344

(3-hour peak is defined as arrivals in London between 0700 and 1000, and departures between 1600 and 1900)

The reduction in seats between Milton Keynes and London in the morning peak reflects the two additional morning non-stop Northampton to Euston services which will significantly reduce loads on Northampton services calling at Milton Keynes.

## Consequences

The consequences are:

1. No direct London Midland service would be provided between Watford Junction and stations between Nuneaton and Crewe inclusive (except on Sundays). It should be noted, however, that a number of these journeys are currently quicker (or as quick) by using West Coast Trains' services and making one change.
2. Direct London Midland services would only be provided between Northampton and stations from Nuneaton to Crewe inclusive during the mornings (northbound) and evenings (southbound); this will facilitate business journeys between Northampton and the north. All services would also continue to call at Northampton on Sundays. At other times it is proposed that connections will be offered at Rugby to minimise the journey time impact of changing trains.

## **Impacts**

We have assessed the impact of the proposal using passenger journeys' data in the Lennon database:

- Passenger journeys between Northampton / Watford Junction and Trent Valley stations (increase in journey time in the proposal) – 73,156 journeys per annum, 1,407 journeys per week
- Passenger journeys between London Euston / Milton Keynes Central and Rugby or Trent Valley stations (reduction in journey time in the proposal) – 685,000 journeys per annum, 13,173 journeys per week.

## **Service Level Commitment (SLC)**

The SLC sets out the minimum level of service which London Midland will provide as part of its franchise agreement. Project 110 requires changes to the SLC, which we are now consulting on.

The principal changes are to the following routes:

- Route G:
- Route I:
- Route Q:

A marked up version of the SLC is included at Appendix C.

## **Appendices**

The following are appended to this document:

Appendix A – Summary of changes in journey times

Appendix B – Sample timetable

Appendix C – Proposed changes to the Service Level Commitment

# Appendix A

## Appendix A – Summary of Changes in Journey Times

**Trent Valley Off-Peak**

**Journey times in minutes**

08:33 CRE-EUS

**Southbound**

**May-11**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	129	151	178	196
Alsager	121	143	170	188
Kidsgrove	116	138	165	183
Stoke on Trent	108	130	157	175
Stone	100	122	149	167
Stafford	81	103	130	148
Rugeley Trent Valley	69	91	118	136
Lichfield Trent Valley	62	84	111	129
Tamworth	55	77	104	122
Nuneaton	40	62	89	107
Rugby	22	44	71	89

08:33 CRE-EUS

**Dec-12**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	141	137	179	175
Alsager	133	129	171	167
Kidsgrove	128	124	166	162
Stoke on Trent	120	116	158	154
Stone	112	108	150	146
Stafford	93	89	131	127
Rugeley Trent Valley	81	77	119	115
Lichfield Trent Valley	74	70	112	108
Tamworth	67	63	105	101
Nuneaton	52	48	90	86
Rugby	21	31	73	69

Change at Rugby

Change at Milton Keynes

**Difference**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	12	-14	1	-21
Alsager	12	-14	1	-21
Kidsgrove	12	-14	1	-21
Stoke on Trent	12	-14	1	-21
Stone	12	-14	1	-21
Stafford	12	-14	1	-21
Rugeley Trent Valley	12	-14	1	-21
Lichfield Trent Valley	12	-14	1	-21
Tamworth	12	-14	1	-21
Nuneaton	12	-14	1	-21
Rugby	-1	-13	2	-20

Change at Rugby

Change at Milton Keynes

**Trent Valley Off-Peak**

**Journey times in minutes**

08:46 EUS-CRE

**Northbound**

**May-11**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	113	133	157	172
Alsager	101	121	145	160
Kidsgrove	96	116	140	155
Stoke on Trent	88	108	132	147
Stone	80	100	124	139
Stafford	68	88	112	127
Rugeley Trent Valley	58	78	102	117
Lichfield Trent Valley	52	72	96	111
Tamworth	46	66	90	105
Nuneaton	32	52	76	91
Rugby	19	39	63	78

08:46 EUS-CRE

**Dec-12**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	128	124	184	158
Alsager	118	114	174	148
Kidsgrove	114	110	170	144
Stoke on Trent	106	102	162	136
Stone	95	91	151	125
Stafford	84	80	140	114
Rugeley Trent Valley	64	60	120	94
Lichfield Trent Valley	57	53	113	87
Tamworth	51	47	107	81
Nuneaton	37	33	93	67
Rugby	21	22	74	56

Change at Rugby

Change at Milton Keynes

**Difference**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	15	-9	27	-14
Alsager	17	-7	29	-12
Kidsgrove	18	-6	30	-11
Stoke on Trent	18	-6	30	-11
Stone	15	-9	27	-14
Stafford	16	-8	28	-13
Rugeley Trent Valley	6	-18	18	-23
Lichfield Trent Valley	5	-19	17	-24
Tamworth	5	-19	17	-24
Nuneaton	5	-19	17	-24
Rugby	2	-17	11	-22

Change at Rugby

Change at Milton Keynes

**Trent Valley Peak**

**Journey times in minutes**

06:35 CRE-EUS

**Southbound**

**May-11**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	126	146	172	189
Alsager	117	137	163	180
Kidsgrove	113	133	159	176
Stoke on Trent	103	123	149	166
Stone	95	115	141	158
Stafford	77	97	123	140
Rugeley Trent Valley	68	88	114	131
Lichfield Trent Valley	61	81	107	124
Tamworth	54	74	100	117
Nuneaton	39	59	85	102
Rugby	21	41	67	84

06:35 CRE-EUS

**May-14**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	113	135	171	173
Alsager	132	126	162	164
Kidsgrove	128	122	158	160
Stoke on Trent	118	112	148	150
Stone	110	104	140	142
Stafford	95	89	125	127
Rugeley Trent Valley	83	77	113	115
Lichfield Trent Valley	76	70	106	108
Tamworth	69	63	99	101
Nuneaton	54	48	84	86
Rugby	21	31	67	69

Change at Rugby

Change at Milton Keynes

**Difference**

From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
Crewe	-13	-11	-1	-16
Alsager	15	-11	-1	-16
Kidsgrove	15	-11	-1	-16
Stoke on Trent	15	-11	-1	-16
Stone	15	-11	-1	-16
Stafford	18	-8	2	-13
Rugeley Trent Valley	15	-11	-1	-16
Lichfield Trent Valley	15	-11	-1	-16
Tamworth	15	-11	-1	-16
Nuneaton	15	-11	-1	-16
Rugby	0	-10	0	-15

Change at Rugby

Change at Milton Keynes

**Trent Valley Peak**

**Journey times in minutes**

18:29 EUS-CRE

**Northbound**

**May-11**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	102	124	160	178
Alsager	93	115	151	169
Kidsgrove	88	110	146	164
Stoke on Trent	79	101	137	155
Stone				
Stafford				
Rugeley Trent Valley	58	79	115	134
Lichfield Trent Valley	52	73	109	128
Tamworth	46	67	103	122
Nuneaton	32	53	89	108
Rugby	19	41	77	95

17:46 EUS-CRE

**May-14**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	133	129	182	163
Alsager	123	119	172	153
Kidsgrove	119	115	168	149
Stoke on Trent	111	107	160	141
Stone	103	99	152	133
Stafford	92	88	141	122
Rugeley Trent Valley	70	66	119	100
Lichfield Trent Valley	64	60	113	94
Tamworth	58	54	107	88
Nuneaton	44	40	93	74
Rugby	21	22	75	56

Change at Rugby

Change at Milton Keynes

**Difference**

To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
Crewe	31	5	22	-15
Alsager	30	4	21	-16
Kidsgrove	31	5	22	-15
Stoke on Trent	32	6	23	-14
Stone				
Stafford				
Rugeley Trent Valley	12	-13	4	-34
Lichfield Trent Valley	12	-13	4	-34
Tamworth	12	-13	4	-34
Nuneaton	12	-13	4	-34
Rugby	2	-19	-2	-39

Change at Rugby

Change at Milton Keynes

No peak journey possible in 2011 to Stafford or Stone.

**Northampton - Euston**

**Off-Peak**

**Journey times in minutes**

10:46 EUS-CRE / 09:50 NMP-EUS

**May-11**

From	To	To Milton	To Watford	To Euston
	Northampton	Keynes	Junction	
Northampton		15	41	59
Milton Keynes	15		26	44
Watford Junction	39	24		18
Euston	54	39	15	

**Dec-12**

From	To	To Milton	To Watford	To Euston
	Northampton	Keynes	Junction	
Northampton		14	43	59
Milton Keynes	15		29	38
Watford Junction	38	23		18
Euston	52	34	14	

**Difference**

From	To	To Milton	To Watford	To Euston
	Northampton	Keynes	Junction	
Northampton	0	-1	2	0
Milton Keynes	0	0	3	-6
Watford Junction	-1	-1	0	0
Euston	-2	-5	-1	0

**Northampton - Euston  
AM Peak**

**Journey times in minutes**

<b>May-11</b>	To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
	Northampton		13	39	54
Milton Keynes	14		24	39	
Watford Junction	41	27		15	
Euston	57	41	16		

<b>May-14</b>	To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
	Northampton		15	38	52
Milton Keynes	14		23	34	
Watford Junction	39	25		14	
Euston	46	38	16		

<b>Difference</b>	To	From Northampton	From Milton Keynes	From Watford Junction	From Euston
	Northampton		2	-1	-2
Milton Keynes	0		-1	-5	
Watford Junction	-2	-2		-1	
Euston	-11	-3	0		

**Northampton - Euston  
PM Peak**

**Journey times in minutes**

<b>May-11</b>	From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
	Northampton		17	48	58
	Milton Keynes	18		31	41
	Watford Junction	38	24		14
	Euston	58	41	15	

<b>May-14</b>	From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
	Northampton		14	43	60
	Milton Keynes	14		29	38
	Watford Junction	38	23		18
	Euston	48	34	14	

<b>Difference</b>	From	To Northampton	To Milton Keynes	To Watford Junction	To Euston
	Northampton		-3	-5	2
	Milton Keynes	-4		-2	-3
	Watford Junction	0	-1		4
	Euston	-10	-7	-1	

# Appendix B

## **Appendix B:**

### **TIMETABLE FOR LONDON - NORTHAMPTON - CREWE and BIRMINGHAM**

The attached timetable shows all trains proposed to serve Northampton and Rugby.

Please note that all trains that currently terminate or start from stations south of Northampton remain unaltered under this proposal.

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Northampton and Rugby													
		1	2	3	4	5	6	7	8	9	10	11	12
Train ID		2N99	2N01	2Y51	1U21	2Y53	2Y55	1U23	2Y01	2Y57	2U23	2Y59	2Y03
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols					*						*		
Catering Symbols													
Departs													
From													
Days Run		[MSX]	[MSX]										
London Euston	Dep	00.04	00.34	..	..	..	..	..	05.30	..	06.24	..	06.53
Wembley Central		....	00.46	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		00.16	00.51	..	..	..	..	..	05.43	..	..	..	..
Bushey		....	00.56	....	....	....	....	....	....	....	....	....	....
Watford Junction		00.23	00.59	..	..	..	..	..	05.50	..	06.41	..	07.10
Kings Langley		....	01.04	....	....	....	....	....	05.55	....	....	....	....
Apsley		..	01.07	..	..	..	..	..	05.58	..	..	..	..
Hemel Hempstead		00.31	01.10	....	....	....	....	....	06.01	....	06.48	....	07.17
Berkhamsted		00.35	01.15	..	..	..	..	..	06.06	..	06.53	..	07.22
Tring		00.40	01.20	....	....	....	....	....	06.13	....	06.59	....	....
Cheddington		..	01.25	..	..	..	..	..	06.18	..	07.05	..	..
Leighton Buzzard		00.50	01.32	....	....	....	....	....	06.23	....	07.10	....	07.35
Bletchley		00.58	01.39	..	05.17	..	..	..	06.31	..	07.17	..	07.43
Milton Keynes Centrl		01.07	01.48	....	05.21	....	....	....	06.37	....	07.23	....	07.49
Wolverton		01.10	01.52	..	05.25	..	..	..	06.40	..	07.26	..	07.53
Northampton	Arr	01.25	02.06	....	05.37	....	....	....	06.54	....	07.39	....	08.06
	Dep	..	..	05.16	05.42	05.55	06.16	06.41	06.55	07.16	07.45	07.55	..
Long Buckby		....	....	05.27	....	06.06	06.27	....	07.06	07.27	....	08.06	....
Rugby		..	..	05.38	06.05	06.17	06.37	07.00	07.17	07.38	08.04	08.17	..
Coventry		....	....	05.50	....	06.30	06.49	....	07.30	07.50	....	08.30	....
Canley		..	..	..	..	06.33	..	..	07.33	..	..	08.33	..
Tile Hill		....	....	05.55	....	06.37	06.54	....	07.37	07.55	....	08.37	....
Berkswell		..	..	..	..	06.40	..	..	07.40	..	..	08.40	..
Hampton-in-Arden		....	....	06.01	....	....	07.00	....	....	08.01	....	....	....
Birmingham Interntnl		..	..	06.04	..	06.46	07.04	..	07.46	08.05	..	08.46	..
Marston Green		....	....	06.07	....	06.49	07.07	....	07.49	08.08	....	08.49	....
Lea Hall		..	..	..	..	06.52	..	..	07.52	..	..	08.52	..
Stechford		....	....	....	....	06.55	....	....	07.55	....	....	08.55	....
Adderley Park		..	..	..	..	..	..	..	07.58	..	..	..	..
Birmingham New Stret	Arr	....	....	06.16	....	07.01	07.16	....	08.03	08.16	....	09.01	....
Nuneaton		..	..	..	06.17	..	..	07.12	..	..	08.17	..	..
Atherstone		....	....	....	06.23	....	....	07.18	....	....	08.23	....	....
Polesworth		..	..	..	..	..	..	07.23	..	..	..	..	..
Tamworth Low Level		....	....	....	06.31	....	....	07.29	....	....	08.31	....	....
Lichfield Trent Villy		..	..	..	06.37	..	..	07.35	..	..	08.37	..	..
Rugeley Trent Valley		....	....	....	06.44	....	....	07.42	....	....	08.43	....	....
Stafford		..	..	..	06.58	..	..	07.54	..	..	08.54	..	..
Stone		....	....	....	07.18	....	....	08.05	....	....	09.05	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	....	....	07.26	....	....	08.13	....	....	09.13	....	....
Kidsgrove		..	..	..	07.34	..	..	08.21	..	..	09.21	..	..
Alsager		....	....	....	07.39	....	....	08.26	....	....	09.26	....	....
Crewe	Arr	..	..	..	07.49	..	..	08.38	..	..	09.38	..	..
To				Walsall			Walsall						

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Northampton and Rugby													
		13	14	15	16	17	18	19	20	21	22	23	24
Train ID		1Y03	1U25	1Y25	2Y05	1Y05	1U27	2C08	1Y27	2Y07	1Y07	1U29	2C10
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols				*					*				
Catering Symbols													
Departs													
From													
Days Run													
London Euston	Dep	07.13	07.46	07.49	07.54	08.13	08.46	..	08.49	08.54	09.13	09.46	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		..	..	08.03	08.11	..	..	..	09.03	09.11	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Hemel Hempstead		....	....	....	08.19	....	....	....	....	09.18	....	....	....
Berkhamsted		..	..	..	08.23	..	..	..	..	09.23	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Leighton Buzzard		07.42	....	....	08.36	08.42	....	....	....	09.36	09.42	....	....
Bletchley		07.50	..	..	08.44	08.50	..	..	..	09.43	09.50	..	..
Milton Keynes Centrl		07.55	08.20	08.26	08.50	08.55	09.20	....	09.26	09.49	09.55	10.20	....
Wolverton		07.59	..	..	08.53	08.59	..	..	..	09.53	09.59	..	..
Northampton	Arr	08.12	....	08.41	09.08	09.12	....	....	09.41	10.06	10.12	....	....
	Dep	08.16	..	08.55	..	09.16	..	09.25	09.55	..	10.16	..	10.25
Long Buckby		08.27	....	09.06	....	09.27	....	09.36	10.06	....	10.27	....	10.36
Rugby		08.37	08.42	09.17	..	09.37	09.42	09.48	10.16	..	10.37	10.42	10.48
Coventry		08.49	....	09.30	....	09.49	....	10.11	10.29	....	10.49	....	11.11
Canley		..	..	09.33	..	..	..	10.14	10.32	..	..	..	11.14
Tile Hill		08.54	....	09.37	....	09.54	....	10.18	10.36	....	10.54	....	11.18
Berkswell		..	..	09.40	..	..	..	10.21	10.39	..	..	..	11.21
Hampton-in-Arden		09.00	....	....	....	10.00	....	10.25	....	....	11.00	....	11.25
Birmingham Interntnl		09.04	..	09.46	..	10.04	..	10.29	10.45	..	11.04	..	11.29
Marston Green		09.07	....	09.49	....	10.07	....	10.32	10.48	....	11.07	....	11.32
Lea Hall		..	..	09.52	..	..	..	..	10.51	..	..	..	..
Stechford		....	....	09.55	....	....	....	....	10.54	....	....	....	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	09.16	....	10.01	....	10.16	....	10.42	11.01	....	11.16	....	11.42
Nuneaton		..	08.53	..	..	..	09.53	..	..	..	..	10.53	..
Atherstone		....	08.59	....	....	....	09.59	....	....	....	....	10.59	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	09.07	....	....	....	10.07	....	....	....	....	11.07	....
Lichfield Trent Villy		..	09.13	..	..	..	10.13	..	..	..	..	11.13	..
Rugeley Trent Valley		....	09.20	....	....	....	10.20	....	....	....	....	11.20	....
Stafford		..	09.40	..	..	..	10.40	..	..	..	..	11.40	..
Stone		....	09.51	....	....	....	10.51	....	....	....	....	11.51	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	10.02	....	....	....	11.02	....	....	....	....	12.02	....
Kidsgrove		..	10.10	..	..	..	11.10	..	..	..	..	12.10	..
Alsager		....	10.14	....	....	....	11.14	....	....	....	....	12.14	....
Crewe	Arr	..	10.24	..	..	..	11.24	..	..	..	..	12.24	..
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Northampton and Rugby													
		25	26	27	28	29	30	31	32	33	34	35	36
Train ID		1Y29	2Y09	1Y09	1U31	2C12	1Y31	2Y11	1Y11	1U33	2C14	1Y33	2Y13
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols		*					*					*	
Catering Symbols													
Departs													
From													
Days Run													
London Euston	Dep	09.49	09.54	10.13	10.46	..	10.49	10.54	11.13	11.46	..	11.49	11.54
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		10.03	10.11	..	..	..	11.03	11.11	..	..	..	12.03	12.11
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Hemel Hempstead		....	10.18	....	....	....	....	11.18	....	....	....	....	12.18
Berkhamsted		..	10.23	..	..	..	..	11.23	..	..	..	..	12.23
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Leighton Buzzard		....	10.38	10.43	....	....	....	11.36	11.42	....	....	....	12.36
Bletchley		..	10.46	10.52	..	..	..	11.43	11.50	..	..	..	12.43
Milton Keynes Centrl		10.26	10.52	10.57	11.20	....	11.26	11.49	11.55	12.20	....	12.26	12.49
Wolverton		..	10.55	11.01	..	..	..	11.53	11.59	..	..	..	12.53
Northampton	Arr	10.41	11.09	11.14	....	....	11.41	12.06	12.12	....	....	12.41	13.06
	Dep	10.55	..	11.18	..	11.25	11.55	..	12.16	..	12.25	12.55	..
Long Buckby		11.06	....	11.29	....	11.36	12.06	....	12.27	....	12.36	13.06	....
Rugby		11.16	..	11.39	11.42	11.48	12.16	..	12.37	12.42	12.48	13.16	..
Coventry		11.29	....	11.51	....	12.11	12.29	....	12.49	....	13.11	13.29	....
Canley		11.32	..	..	..	12.14	12.32	..	..	..	13.14	13.32	..
Tile Hill		11.36	....	11.56	....	12.18	12.36	....	12.54	....	13.18	13.36	....
Berkswell		11.39	..	..	..	12.21	12.39	..	..	..	13.21	13.39	..
Hampton-in-Arden		....	....	12.02	....	12.25	....	....	13.00	....	13.25	....	....
Birmingham Interntnl		11.45	..	12.06	..	12.29	12.45	..	13.04	..	13.29	13.45	..
Marston Green		11.48	....	12.09	....	12.32	12.48	....	13.07	....	13.32	13.48	....
Lea Hall		11.51	..	..	..	..	12.51	..	..	..	..	13.51	..
Stechford		11.54	....	....	....	....	12.54	....	....	....	....	13.54	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	12.01	....	12.18	....	12.42	13.01	....	13.16	....	13.42	14.01	....
Nuneaton		..	..	..	11.53	..	..	..	..	12.53	..	..	..
Atherstone		....	....	....	11.59	....	....	....	....	12.59	....	....	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	....	....	12.07	....	....	....	....	13.07	....	....	....
Lichfield Trent Villy		..	..	..	12.13	..	..	..	..	13.13	..	..	..
Rugeley Trent Valley		....	....	....	12.20	....	....	....	....	13.20	....	....	....
Stafford		..	..	..	12.40	..	..	..	..	13.40	..	..	..
Stone		....	....	....	12.51	....	....	....	....	13.51	....	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	....	....	13.02	....	....	....	....	14.02	....	....	....
Kidsgrove		..	..	..	13.10	..	..	..	..	14.10	..	..	..
Alsager		....	....	....	13.14	....	....	....	....	14.14	....	....	....
Crewe	Arr	..	..	..	13.24	..	..	..	..	14.24	..	..	..
To													

London Midland Journey Opportunities											Monday-Friday (110 Project)		
All services at Northampton and Rugby													
		37	38	39	40	41	42	43	44	45	46	47	48
Train ID		1Y13	1U35	2C16	1Y35	2Y15	1Y15	1U37	2C18	1Y37	2Y17	1Y17	1U39
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols					*					*			
Catering Symbols													
Departs													
From													
Days Run													
London Euston	Dep	12.13	12.46	..	12.49	12.54	13.13	13.46	..	13.49	13.54	14.13	14.46
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		..	..	..	13.03	13.11	..	..	..	14.03	14.11	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Hemel Hempstead		....	....	....	....	13.18	....	....	....	....	14.18	....	....
Berkhamsted		..	..	..	..	13.23	..	..	..	..	14.23	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Leighton Buzzard		12.42	....	....	....	13.36	13.42	....	....	....	14.37	14.42	....
Bletchley		12.50	..	..	..	13.43	13.50	..	..	..	14.44	14.50	..
Milton Keynes Centrl		12.55	13.20	....	13.26	13.49	13.55	14.20	....	14.26	14.50	14.55	15.20
Wolverton		12.59	..	..	..	13.53	13.59	..	..	..	14.54	14.59	..
Northampton	Arr	13.12	....	....	13.41	14.08	14.12	....	....	14.41	15.08	15.12	....
	Dep	13.16	..	13.25	13.55	..	14.16	..	14.25	14.55	..	15.16	..
Long Buckby		13.27	....	13.36	14.06	....	14.27	....	14.36	15.06	....	15.27	....
Rugby		13.37	13.42	13.48	14.16	..	14.37	14.42	14.48	15.16	..	15.37	15.42
Coventry		13.49	....	14.11	14.29	....	14.49	....	15.11	15.29	....	15.49	....
Canley		..	..	14.14	14.32	..	..	..	15.14	15.32	..	..	..
Tile Hill		13.54	....	14.18	14.36	....	14.54	....	15.18	15.36	....	15.54	....
Berkswell		..	..	14.21	14.39	..	..	..	15.21	15.39	..	..	..
Hampton-in-Arden		14.00	....	14.25	....	....	15.00	....	15.25	....	....	16.00	....
Birmingham Interntnl		14.04	..	14.29	14.45	..	15.04	..	15.29	15.45	..	16.04	..
Marston Green		14.07	....	14.32	14.48	....	15.07	....	15.32	15.48	....	16.07	....
Lea Hall		..	..	..	14.51	..	..	..	..	15.51	..	..	..
Stechford		....	....	....	14.54	....	....	....	....	15.54	....	....	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	14.16	....	14.42	15.01	....	15.16	....	15.42	16.01	....	16.16	....
Nuneaton		..	13.53	..	..	..	..	14.53	..	..	..	..	15.53
Atherstone		....	13.59	....	....	....	....	14.59	....	....	....	....	15.59
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	14.07	....	....	....	....	15.07	....	....	....	....	16.07
Lichfield Trent Villy		..	14.13	..	..	..	..	15.13	..	..	..	..	16.13
Rugeley Trent Valley		....	14.20	....	....	....	....	15.20	....	....	....	....	16.20
Stafford		..	14.40	..	..	..	..	15.40	..	..	..	..	16.40
Stone		....	14.51	....	....	....	....	15.51	....	....	....	....	16.51
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	15.02	....	....	....	....	16.02	....	....	....	....	17.02
Kidsgrove		..	15.10	..	..	..	..	16.10	..	..	..	..	17.10
Alsager		....	15.14	....	....	....	....	16.14	....	....	....	....	17.14
Crewe	Arr	..	15.24	..	..	..	..	16.24	..	..	..	..	17.24
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Northampton and Rugby													
		49	50	51	52	53	54	55	56	57	58	59	60
Train ID		2C20	1Y39	2Y19	1Y19	1U41	1Y41	2Y21	1Y21	1U43	1W91	1Y23	1N04
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols			*				*						
Catering Symbols													
Departs													
From													
Days Run													
London Euston	Dep	..	14.49	14.54	15.13	15.46	15.49	15.54	16.13	16.46	16.52	17.13	17.16
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		..	15.03	15.11	..	..	16.03	16.11	..	..	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Hemel Hempstead		....	....	15.18	....	....	....	16.18	....	....	....	....	....
Berkhamsted		..	..	15.23	..	..	..	16.23	..	..	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Leighton Buzzard		....	....	15.36	15.42	....	....	16.36	16.42	....	17.20	....	17.43
Bletchley		..	..	15.43	15.50	..	..	16.43	16.50	..	17.27	..	..
Milton Keynes Centrl		....	15.26	15.49	15.55	16.20	16.26	16.49	16.54	17.20	17.32	17.50	17.54
Wolverton		..	..	15.53	15.59	..	..	16.53	16.58	..	17.36	..	17.58
Northampton	Arr	....	15.41	16.06	16.12	....	16.41	17.06	17.12	....	17.48	18.05	18.12
	Dep	15.25	15.55	..	16.16	..	16.55	..	17.16	..	17.55	18.16	..
Long Buckby		15.36	16.06	....	16.27	....	17.06	....	17.27	....	18.06	18.27	....
Rugby		15.48	16.16	..	16.37	16.42	17.16	..	17.37	17.42	18.17	18.37	..
Coventry		16.11	16.29	....	16.49	....	17.29	....	17.49	....	18.30	18.49	....
Canley		16.14	16.32	..	..	..	17.32	..	..	..	18.33	..	..
Tile Hill		16.18	16.36	....	16.54	....	17.36	....	17.54	....	18.37	18.54	....
Berkswell		16.21	16.39	..	..	..	17.39	..	..	..	18.40	..	..
Hampton-in-Arden		16.25	....	....	17.00	....	....	....	18.00	....	....	19.00	....
Birmingham Interntnl		16.29	16.45	..	17.04	..	17.45	..	18.04	..	18.46	19.04	..
Marston Green		16.32	16.48	....	17.07	....	17.48	....	18.07	....	18.49	19.07	....
Lea Hall		..	16.51	..	..	..	17.51	..	..	..	18.52	..	..
Stechford		....	16.54	....	....	....	17.54	....	....	....	18.55	....	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	16.42	17.01	....	17.16	....	18.01	....	18.16	....	19.01	19.17	....
Nuneaton		..	..	..	..	16.53	..	..	..	18.00	..	..	..
Atherstone		....	....	....	....	16.59	....	....	....	18.06	....	....	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	....	....	....	17.07	....	....	....	18.14	....	....	....
Lichfield Trent Villy		..	..	..	..	17.13	..	..	..	18.20	..	..	..
Rugeley Trent Valley		....	....	....	....	17.20	....	....	....	18.26	....	....	....
Stafford		..	..	..	..	17.40	..	..	..	18.48	..	..	..
Stone		....	....	....	....	17.51	....	....	....	18.59	....	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	....	....	....	18.02	....	....	....	19.07	....	....	....
Kidsgrove		..	..	..	..	18.10	..	..	..	19.15	..	..	..
Alsager		....	....	....	....	18.14	....	....	....	19.19	....	....	....
Crewe	Arr	..	..	..	..	18.24	..	..	..	19.29	..	..	..
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Northampton and Rugby													
		61	62	63	64	65	66	67	68	69	70	71	72
Train ID		2W93	1U45	2N21	1Y93	2N23	1Y25	1N25	2W91	1U47	1W95	1Y27	1Y87
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols									*				
Catering Symbols													
Departs													
From													
Days Run													
London Euston	Dep	17.24	17.46	17.51	17.52	18.05	18.13	18.16	18.29	18.49	18.52	19.13	19.46
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	18.03	..	18.18	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		17.43	..	18.11	..	18.25	..	..	18.46	..	..	..	..
Kings Langley		....	....	....	....	18.30	....	....	....	....	....	....	....
Apsley		..	..	..	..	18.33	..	..	18.52	..	..	..	..
Hemel Hempstead		17.50	....	18.18	....	....	....	....	....	....	....	....	....
Berkhamsted		17.55	..	18.22	..	..	..	..	18.58	..	..	..	..
Tring		....	....	....	....	18.43	....	....	....	....	....	....	....
Cheddington		..	..	..	..	18.48	..	..	19.09	..	..	..	..
Leighton Buzzard		18.08	....	....	18.19	18.53	....	18.43	....	....	19.21	19.42	20.20
Bletchley		18.15	..	18.39	18.26	19.01	..	..	19.19	..	19.28	..	..
Milton Keynes Centrl		18.21	18.20	18.50	18.32	19.07	18.47	18.56	19.28	19.24	19.33	19.56	20.30
Wolverton		..	..	18.53	18.36	19.10	..	19.00	19.32	..	19.37	20.00	20.34
Northampton	Arr	18.37	....	19.07	18.50	19.25	19.01	19.13	19.45	19.40	19.50	20.13	20.47
	Dep	18.40	..	..	18.55	..	19.16	..	..	19.45	19.55	20.17	20.55
Long Buckby		18.50	....	....	19.06	....	19.27	....	....	....	20.06	20.28	21.06
Rugby		19.02	18.42	..	19.17	..	19.37	..	..	20.03	20.16	20.38	21.17
Coventry		....	....	....	19.30	....	19.49	....	....	....	20.29	20.50	21.29
Canley		..	..	..	19.33	..	..	..	..	..	20.32	..	21.32
Tile Hill		....	....	....	19.37	....	19.54	....	....	....	20.36	20.55	21.36
Berkswell		..	..	..	19.40	..	..	..	..	..	20.39	..	21.39
Hampton-in-Arden		....	....	....	....	....	20.00	....	....	....	....	21.01	....
Birmingham Interntnl		..	..	..	19.46	..	20.04	..	..	..	20.45	21.05	21.45
Marston Green		....	....	....	19.49	....	20.07	....	....	....	20.48	21.08	21.48
Lea Hall		..	..	..	19.52	..	..	..	..	..	20.51	..	21.51
Stechford		....	....	....	19.55	....	....	....	....	....	20.54	....	21.54
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	....	....	....	20.01	....	20.16	....	....	....	21.01	21.17	22.01
Nuneaton		..	19.00	..	..	..	..	..	..	20.18	..	..	..
Atherstone		....	19.06	....	....	....	....	....	....	20.24	....	....	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	19.14	....	....	....	....	....	....	20.32	....	....	....
Lichfield Trent Villy		..	19.20	..	..	..	..	..	..	20.38	..	..	..
Rugeley Trent Valley		....	19.26	....	....	....	....	....	....	20.44	....	....	....
Stafford		..	19.48	..	..	..	..	..	..	20.54	..	..	..
Stone		....	19.59	....	....	....	....	....	....	21.05	....	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	20.07	....	....	....	....	....	....	21.13	....	....	....
Kidsgrove		..	20.15	..	..	..	..	..	..	21.22	..	..	..
Alsager		....	20.19	....	....	....	....	....	....	21.26	....	....	....
Crewe	Arr	..	20.29	..	..	..	..	..	..	21.35	..	..	..
To													

**London Midland Journey Opportunities**

**Monday-Friday (110 Project)**

**All services at Northampton and Rugby**

		73	74	75	76	77	78	79	80	81	82
Train ID		2Y25	1U51	1Y27	2N25	1Y29	1Y31	2N33	2N35	2N39	2N41
Accom Symbols		*	*	*	*	*	*	*	*	*	*
Resvtn Symbols											
Catering Symbols											
Departs											
From											
Days Run											
London Euston	Dep	19.54	20.13	20.46	20.54	21.13	21.46	21.54	22.24	22.54	23.24
Wembley Central		....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..
Bushey		....	....	....	....	....	....	....	....	....	....
Watford Junction		20.11	..	..	21.11	..	..	22.11	22.41	23.10	23.41
Kings Langley		....	....	....	....	....	....	....	....	23.14	....
Apsley		..	..	..	..	..	..	..	..	23.18	..
Hemel Hempstead		20.18	....	....	21.18	....	....	22.18	22.48	23.21	23.48
Berkhamsted		20.23	..	..	21.23	..	..	22.23	22.53	23.26	23.53
Tring		....	....	....	....	....	....	22.30	....	23.33	....
Cheddington		..	..	..	..	..	..	..	..	..	..
Leighton Buzzard		20.36	20.42	21.20	21.36	21.45	22.19	22.41	23.07	23.40	00.06
Bletchley		20.43	20.50	..	21.43	21.53	..	22.48	23.16	23.47	00.13
Milton Keynes Centrl		20.49	20.55	21.32	21.49	21.58	22.32	22.57	23.31	23.55	00.22
Wolverton		20.53	20.59	21.36	21.53	22.02	22.36	23.01	23.34	23.59	00.26
Northampton	Arr	21.06	21.13	21.50	22.06	22.15	22.51	23.16	23.51	00.12	00.40
	Dep	21.14	21.21	21.55	..	22.16	22.56	..	..	..	..
Long Buckby		21.25	....	22.06	....	22.27	23.07	....	....	....	....
Rugby		21.37	21.39	22.16	..	22.39	23.18	..	..	..	..
Coventry		21.49	....	22.29	....	22.50	23.30	....	....	....	....
Canley		..	..	22.32	..	..	23.33	..	..	..	..
Tile Hill		21.54	....	22.36	....	22.55	23.37	....	....	....	....
Berkswell		..	..	22.39	..	..	23.40	..	..	..	..
Hampton-in-Arden		22.00	....	....	....	23.02	23.45	....	....	....	....
Birmingham Interntnl		22.04	..	22.45	..	23.06	23.48	..	..	..	..
Marston Green		22.07	....	22.48	....	23.09	23.51	....	....	....	....
Lea Hall		..	..	22.51	..	..	23.55	..	..	..	..
Stechford		....	....	22.54	....	....	23.57	....	....	....	....
Adderley Park		..	..	..	..	..	..	..	..	..	..
Birmingham New Stret	Arr	22.16	....	23.03	....	23.19	00.04	....	....	....	....
Nuneaton		..	21.52	..	..	..	..	..	..	..	..
Atherstone		....	21.58	....	....	....	....	....	....	....	....
Polesworth		..	..	..	..	..	..	..	..	..	..
Tamworth Low Level		....	22.06	....	....	....	....	....	....	....	....
Lichfield Trent Villy		..	22.12	..	..	..	..	..	..	..	..
Rugeley Trent Valley		....	22.18	....	....	....	....	....	....	....	....
Stafford		..	22.36	..	..	..	..	..	..	..	..
Stone		....	....	....	....	....	....	....	....	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	....	....	....	....	....	....	....	....	....
Kidsgrove		..	..	..	..	..	..	..	..	..	..
Alsager		....	....	....	....	....	....	....	....	....	....
Crewe	Arr	..	23.00	..	..	..	..	..	..	..	..
To											

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		1	2	3	4	5	6	7	8	9	10	11	12
Train ID		2N04	2N06	2N08	1W76	1W78	1W80	1W82	1W84	1N83	2W59	1W90	1N90
Accom Symbols		*	*	*	*		*	*	*	*	*	*	*
Resvtn Symbols													
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	..	..	..	..	05.18	..	..	..	..
Alsager		....	....	....	....	....	....	....	....	....	....	....	....
Kidsgrove		..	..	..	..	..	..	..	..	..	..	..	..
Stoke-on-Trent		....	....	....	....	....	....	....	....	....	....	....	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	....	....	....	....	....	....	....	....	....
Stafford		..	..	..	..	..	..	..	..	..	..	..	..
Rugeley Trent Valley		....	....	....	....	....	....	....	06.05	....	....	....	....
Lichfield Trent Villy		..	..	..	..	..	..	..	06.12	..	..	..	..
Tamworth Low Level		....	....	....	....	....	....	....	06.19	....	....	....	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	....	....	....	....	06.28	....	....	....	....
Nuneaton		..	..	..	..	..	..	..	06.34	..	..	..	..
Birmingham New Stret	Dep	....	....	....	....	....	....	05.53	....	....	....	06.33	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	....	....	....	....	....	....	....	....	....	....	....
Lea Hall		..	..	..	..	..	..	..	..	..	..	..	..
Marston Green		....	....	....	....	....	....	06.01	....	....	....	06.41	....
Birmingham Interntnl		..	..	..	..	..	..	06.05	..	..	..	06.45	..
Hampton-in-Arden		....	....	....	....	....	....	....	....	....	....	06.48	....
Berkswell		..	..	..	..	..	..	06.11	..	..	..	..	..
Tile Hill		....	....	....	....	....	....	06.14	....	....	....	06.55	....
Canley		..	..	..	..	..	..	06.17	..	..	..	..	..
Coventry		....	....	....	....	....	....	06.21	....	....	....	07.01	....
Rugby		..	..	..	05.20	..	06.08	06.32	06.50	..	..	07.12	..
Long Buckby		....	....	....	05.30	....	06.18	06.42	07.00	....	....	07.22	....
Northampton	Arr	..	..	..	05.41	..	06.33	06.54	07.11	..	..	07.34	..
	Dep	04.15	04.48	05.05	05.45	06.17	06.37	07.00	07.17	07.13	07.32	07.42	07.39
Wolverton		04.27	05.00	05.17	05.57	06.29	06.49	07.12	..	07.25	..	..	07.51
Milton Keynes Centrl		04.31	05.04	05.21	06.02	06.34	06.55	07.16	....	07.30	07.46	....	07.55
Bletchley		04.36	05.09	05.26	06.07	06.39	07.00	..	..	..	07.51	..	..
Leighton Buzzard		04.42	05.15	05.32	06.14	06.46	07.07	07.25	....	07.39	07.58	....	08.05
Cheddington		..	05.20	..	..	..	..	..	..	..	08.04	..	..
Tring		04.54	05.29	....	....	....	....	....	....	....	08.10	....	....
Berkhamsted		04.59	05.34	05.47	..	..	..	..	..	..	08.15	..	..
Hemel Hempstead		05.03	05.38	05.52	....	....	....	....	....	....	08.19	....	....
Apsley		..	05.41	..	..	..	..	..	..	..	..	..	..
Kings Langley		....	05.45	....	....	....	....	....	....	....	....	....	....
Watford Junction		05.11	05.50	05.59	06.33	07.05	..	..	..	..	08.27	..	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		05.17	05.56	..	..	..	..	..	..	..	08.33	..	..
Wembley Central		05.21	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	05.35	06.10	06.19	06.50	07.22	07.43	08.00	08.03	08.16	08.49	08.28	08.39
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		13	14	15	16	17	18	19	20	21	22	23	24
Train ID		1W86	1N20	1Y20	1U20	2Y00	1N70	1Y22	1U22	2Y02	1Y72	1Y24	1U24
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols								*				*	
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	06.35	..	..	..	07.33	..	..	..	08.33
Alsager		....	....	....	06.44	....	....	....	07.41	....	....	....	08.41
Kidsgrove		..	..	..	06.48	..	..	..	07.46	..	..	..	08.46
Stoke-on-Trent		....	....	....	06.58	....	....	....	07.54	....	....	....	08.54
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	07.06	....	....	....	08.02	....	....	....	09.02
Stafford		..	..	..	07.21	..	..	..	08.21	..	..	..	09.21
Rugeley Trent Valley		....	....	....	07.33	....	....	....	08.33	....	....	....	09.33
Lichfield Trent Villy		..	..	..	07.40	..	..	..	08.40	..	..	..	09.40
Tamworth Low Level		....	....	....	07.47	....	....	....	08.47	....	....	....	09.47
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	07.56	....	....	....	08.56	....	....	....	09.56
Nuneaton		..	..	..	08.02	..	..	..	09.02	..	..	..	10.02
Birmingham New Stret	Dep	06.53	....	07.33	....	07.53	....	08.33	....	08.53	09.13	09.33	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	....	....	....	....	....	....	....	....	09.20	....	....
Lea Hall		..	..	..	..	..	..	..	..	..	09.23	..	..
Marston Green		07.01	....	07.41	....	08.01	....	08.41	....	09.01	09.26	09.41	....
Birmingham Interntnl		07.05	..	07.45	..	08.05	..	08.45	..	09.05	09.29	09.45	..
Hampton-in-Arden		07.08	....	07.48	....	....	....	08.48	....	....	09.32	09.48	....
Berkswell		07.13	..	..	..	08.11	..	..	..	09.11	09.37	..	..
Tile Hill		....	....	07.55	....	08.14	....	08.55	....	09.14	09.40	09.55	....
Canley		07.18	..	07.58	..	08.17	..	..	..	09.17	09.43	..	..
Coventry		07.21	....	08.03	....	08.21	....	09.01	....	09.21	09.47	10.01	....
Rugby		07.32	..	08.14	08.19	08.32	..	09.12	09.19	09.32	09.58	10.12	10.19
Long Buckby		07.42	....	08.23	....	08.42	....	09.21	....	09.42	10.07	10.21	....
Northampton	Arr	07.54	..	08.37	..	08.56	..	09.33	..	09.54	10.19	10.33	..
	Dep	08.05	08.25	08.47	....	09.05	09.25	09.49	....	10.05	10.25	10.49	....
Wolverton		08.17	08.37	..	..	09.17	09.37	..	..	10.17	10.37	..	..
Milton Keynes Centrl		08.21	08.41	09.01	08.50	09.21	09.41	10.03	09.50	10.21	10.41	11.03	10.50
Bletchley		08.27	08.46	..	..	09.26	09.46	..	..	10.26	10.46	..	..
Leighton Buzzard		08.34	08.53	....	....	09.32	09.53	....	....	10.32	10.53	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Berkhamsted		..	..	..	..	09.45	..	..	..	10.45	..	..	..
Hemel Hempstead		....	....	....	....	09.50	....	....	....	10.50	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		..	..	09.26	..	09.57	..	10.32	..	10.57	..	11.32	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	09.10	09.25	09.42	09.28	10.20	10.25	10.50	10.28	11.18	11.25	11.50	11.28
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		25	26	27	28	29	30	31	32	33	34	35	36
Train ID		2Y04	1Y74	1Y26	1U26	2Y06	1Y76	1Y28	1U28	2Y08	1Y78	1Y30	1U30
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols				*				*				*	
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	09.33	..	..	..	10.33	..	..	..	11.33
Alsager		....	....	....	09.42	....	....	....	10.41	....	....	....	11.42
Kidsgrove		..	..	..	09.47	..	..	..	10.46	..	..	..	11.47
Stoke-on-Trent		....	....	....	09.55	....	....	....	10.54	....	....	....	11.55
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	10.03	....	....	....	11.02	....	....	....	12.03
Stafford		..	..	..	10.21	..	..	..	11.21	..	..	..	12.21
Rugeley Trent Valley		....	....	....	10.33	....	....	....	11.33	....	....	....	12.33
Lichfield Trent Villy		..	..	..	10.40	..	..	..	11.40	..	..	..	12.40
Tamworth Low Level		....	....	....	10.47	....	....	....	11.47	....	....	....	12.47
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	10.56	....	....	....	11.56	....	....	....	12.56
Nuneaton		..	..	..	11.02	..	..	..	12.02	..	..	..	13.02
Birmingham New Stret	Dep	09.53	10.13	10.33	....	10.53	11.13	11.33	....	11.53	12.13	12.33	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	10.20	....	....	....	11.20	....	....	....	12.20	....	....
Lea Hall		..	10.23	..	..	..	11.23	..	..	..	12.23	..	..
Marston Green		10.01	10.26	10.41	....	11.01	11.26	11.41	....	12.01	12.26	12.41	....
Birmingham Interntnl		10.05	10.29	10.45	..	11.05	11.29	11.45	..	12.05	12.29	12.45	..
Hampton-in-Arden		....	10.32	10.48	....	....	11.32	11.48	....	....	12.32	12.48	....
Berkswell		10.11	10.37	..	..	11.11	11.37	..	..	12.11	12.37	..	..
Tile Hill		10.14	10.40	10.55	....	11.14	11.40	11.55	....	12.14	12.40	12.55	....
Canley		10.17	10.43	..	..	11.17	11.43	..	..	12.17	12.43	..	..
Coventry		10.21	10.47	11.01	....	11.21	11.47	12.01	....	12.21	12.47	13.01	....
Rugby		10.32	10.58	11.12	11.19	11.32	11.58	12.12	12.19	12.32	12.58	13.12	13.19
Long Buckby		10.42	11.07	11.21	....	11.42	12.07	12.21	....	12.42	13.07	13.21	....
Northampton	Arr	10.54	11.19	11.33	..	11.54	12.19	12.33	..	12.54	13.19	13.33	..
	Dep	11.05	11.25	11.49	....	12.05	12.25	12.49	....	13.05	13.25	13.49	....
Wolverton		11.17	11.37	..	..	12.17	12.37	..	..	13.17	13.37	..	..
Milton Keynes Centrl		11.21	11.41	12.03	11.50	12.21	12.41	13.03	12.50	13.21	13.41	14.03	13.50
Bletchley		11.26	11.46	..	..	12.26	12.46	..	..	13.26	13.46	..	..
Leighton Buzzard		11.32	11.53	....	....	12.32	12.53	....	....	13.32	13.53	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Berkhamsted		11.45	..	..	..	12.45	..	..	..	13.45	..	..	..
Hemel Hempstead		11.50	....	....	....	12.50	....	....	....	13.50	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		11.57	..	12.32	..	12.57	..	13.32	..	13.57	..	14.32	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	12.18	12.25	12.50	12.28	13.18	13.25	13.50	13.28	14.18	14.25	14.50	14.28
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		37	38	39	40	41	42	43	44	45	46	47	48
Train ID		2Y10	1Y80	1Y32	1U32	2Y12	1Y82	1Y34	1U34	2Y14	1Y84	1Y36	1U36
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols				*				*				*	
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	12.33	..	..	..	13.33	..	..	..	14.33
Alsager		....	....	....	12.41	....	....	....	13.41	....	....	....	14.41
Kidsgrove		..	..	..	12.46	..	..	..	13.46	..	..	..	14.46
Stoke-on-Trent		....	....	....	12.54	....	....	....	13.54	....	....	....	14.54
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	13.02	....	....	....	14.02	....	....	....	15.02
Stafford		..	..	..	13.21	..	..	..	14.21	..	..	..	15.21
Rugeley Trent Valley		....	....	....	13.33	....	....	....	14.33	....	....	....	15.33
Lichfield Trent Villy		..	..	..	13.40	..	..	..	14.40	..	..	..	15.40
Tamworth Low Level		....	....	....	13.47	....	....	....	14.47	....	....	....	15.47
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	13.56	....	....	....	14.56	....	....	....	15.56
Nuneaton		..	..	..	14.02	..	..	..	15.02	..	..	..	16.02
Birmingham New Stret	Dep	12.53	13.13	13.33	....	13.53	14.13	14.33	....	14.53	15.13	15.33	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	13.20	....	....	....	14.20	....	....	....	15.20	....	....
Lea Hall		..	13.23	..	..	..	14.23	..	..	..	15.23	..	..
Marston Green		13.01	13.26	13.41	....	14.01	14.26	14.41	....	15.01	15.26	15.41	....
Birmingham Interntnl		13.05	13.29	13.45	..	14.05	14.29	14.45	..	15.05	15.29	15.45	..
Hampton-in-Arden		....	13.32	13.48	....	....	14.32	14.48	....	....	15.32	15.48	....
Berkswell		13.11	13.37	..	..	14.11	14.37	..	..	15.11	15.37	..	..
Tile Hill		13.14	13.40	13.55	....	14.14	14.40	14.55	....	15.14	15.40	15.55	....
Canley		13.17	13.43	..	..	14.17	14.43	..	..	15.17	15.43	..	..
Coventry		13.21	13.47	14.01	....	14.21	14.47	15.01	....	15.21	15.47	16.01	....
Rugby		13.32	13.58	14.12	14.19	14.32	14.58	15.12	15.19	15.32	15.58	16.12	16.19
Long Buckby		13.42	14.07	14.21	....	14.42	15.07	15.21	....	15.42	16.07	16.21	....
Northampton	Arr	13.54	14.19	14.33	..	14.54	15.19	15.33	..	15.54	16.19	16.33	..
	Dep	14.05	14.25	14.49	....	15.05	15.25	15.49	....	16.05	16.25	16.49	....
Wolverton		14.17	14.37	..	..	15.17	15.37	..	..	16.17	16.37	..	..
Milton Keynes Centrl		14.21	14.41	15.03	14.50	15.21	15.41	16.03	15.50	16.21	16.41	17.03	16.50
Bletchley		14.26	14.46	..	..	15.26	15.46	..	..	16.26	16.46	..	..
Leighton Buzzard		14.32	14.53	....	....	15.32	15.53	....	....	16.32	16.53	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Berkhamsted		14.45	..	..	..	15.45	..	..	..	16.45	..	..	..
Hemel Hempstead		14.50	....	....	....	15.50	....	....	....	16.50	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		14.57	..	15.32	..	15.57	..	16.32	..	16.57	..	17.32	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	15.17	15.25	15.50	15.28	16.18	16.25	16.50	16.28	17.19	17.25	17.50	17.28
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		49	50	51	52	53	54	55	56	57	58	59	60
Train ID		2Y16	1N86	1Y38	1U38	2Y18	1Y18	1Y40	1U40	2Y20	1N90	1Y42	1U42
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols				*				*				*	
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	15.33	..	..	..	16.33	..	..	..	17.33
Alsager		....	....	....	15.41	....	....	....	16.41	....	....	....	17.41
Kidsgrove		..	..	..	15.46	..	..	..	16.46	..	..	..	17.46
Stoke-on-Trent		....	....	....	15.54	....	....	....	16.54	....	....	....	17.54
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	16.02	....	....	....	17.02	....	....	....	18.02
Stafford		..	..	..	16.21	..	..	..	17.21	..	..	..	18.21
Rugeley Trent Valley		....	....	....	16.33	....	....	....	17.33	....	....	....	18.33
Lichfield Trent Villy		..	..	..	16.40	..	..	..	17.40	..	..	..	18.40
Tamworth Low Level		....	....	....	16.47	....	....	....	17.47	....	....	....	18.47
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	16.56	....	....	....	17.56	....	....	....	18.56
Nuneaton		..	..	..	17.02	..	..	..	18.02	..	..	..	19.02
Birmingham New Stret	Dep	15.53	....	16.33	....	16.53	17.13	17.33	....	17.53	....	18.33	....
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	....	....	....	....	17.20	....	....	....	....	....	....
Lea Hall		..	..	..	..	..	..	..	..	..	..	..	..
Marston Green		16.01	....	16.41	....	17.01	....	17.41	....	18.01	....	18.41	....
Birmingham Interntnl		16.05	..	16.45	..	17.05	17.27	17.45	..	18.05	..	18.45	..
Hampton-in-Arden		....	....	16.48	....	....	....	17.48	....	....	....	18.48	....
Berkswell		16.11	..	..	..	17.11	..	..	..	18.11	..	..	..
Tile Hill		16.14	....	16.55	....	17.14	17.35	17.55	....	18.14	....	18.55	....
Canley		16.17	..	..	..	17.17	17.39	..	..	18.17	..	..	..
Coventry		16.21	....	17.01	....	17.21	17.43	18.01	....	18.21	....	19.01	....
Rugby		16.32	..	17.12	17.19	17.32	17.54	18.12	18.19	18.32	..	19.12	19.19
Long Buckby		16.42	....	17.21	....	17.42	18.04	18.21	....	18.42	....	19.21	....
Northampton	Arr	16.54	..	17.33	..	17.54	18.17	18.33	..	18.54	..	19.33	..
	Dep	17.05	17.25	17.49	....	18.05	18.25	18.49	....	19.05	19.25	19.49	....
Wolverton		17.17	17.37	..	..	18.17	18.37	..	..	19.17	19.37	..	..
Milton Keynes Centrl		17.21	17.41	18.03	17.50	18.21	18.41	19.03	18.50	19.21	19.41	20.03	19.50
Bletchley		17.26	17.46	..	..	18.26	18.46	..	..	19.26	19.46	..	..
Leighton Buzzard		17.32	17.53	....	....	18.32	18.53	....	....	19.32	19.53	....	....
Cheddington		..	..	..	..	..	..	..	..	..	..	..	..
Tring		....	....	....	....	....	....	....	....	....	....	....	....
Berkhamsted		17.45	..	..	..	18.45	..	..	..	19.45	..	..	..
Hemel Hempstead		17.50	....	....	....	18.50	....	....	....	19.50	....	....	....
Apsley		..	..	..	..	..	..	..	..	..	..	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	....	....	....
Watford Junction		17.57	..	18.32	..	18.57	..	19.32	..	19.59	..	20.32	..
Bushey		....	....	....	....	....	....	....	....	....	....	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	..	..	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	18.20	18.25	18.50	18.28	19.18	19.25	19.50	19.28	20.20	20.25	20.50	20.28
To													

London Midland Journey Opportunities										Monday-Friday (110 Project)			
All services at Rugby and Northampton													
		61	62	63	64	65	66	67	68	69	70	71	72
Train ID		2Y22	1N92	2Y78	1N99	2Y24	2N94	2Y80	1N98	2Y26	2Y28	1N97	2Y82
Accom Symbols		*	*	*	*	*	*	*	*	*	*	*	*
Resvtn Symbols													
Catering Symbols													
Departs													
From													
Days Run													
Crewe	Dep	..	..	..	18.33	..	..	..	19.33	..	..	20.39	..
Alsager		....	....	....	18.41	....	....	....	19.41	....	....	20.47	....
Kidsgrove		..	..	..	18.46	..	..	..	19.46	..	..	20.51	..
Stoke-on-Trent		....	....	....	18.54	....	....	....	19.54	....	....	21.00	....
Barlaston		..	..	..	..	..	..	..	..	..	..	..	..
Stone		....	....	....	19.02	....	....	....	20.02	....	....	21.08	....
Stafford		..	..	..	19.21	..	..	..	20.21	..	..	21.18	..
Rugeley Trent Valley		....	....	....	19.33	....	....	....	20.33	....	....	21.27	....
Lichfield Trent Villy		..	..	..	19.40	..	..	..	20.40	..	..	21.34	..
Tamworth Low Level		....	....	....	19.47	....	....	....	20.47	....	....	21.41	....
Polesworth		..	..	..	..	..	..	..	..	..	..	..	..
Atherstone		....	....	....	19.56	....	....	....	20.56	....	....	21.50	....
Nuneaton		..	..	..	20.02	..	..	..	21.02	..	..	21.56	..
Birmingham New Stret	Dep	18.53	....	19.33	....	19.53	....	20.33	....	20.53	21.33	....	21.53
Adderley Park		..	..	..	..	..	..	..	..	..	..	..	..
Stechford		....	....	....	....	....	....	....	....	....	....	....	....
Lea Hall		..	..	..	..	..	..	..	..	..	..	..	..
Marston Green		19.01	....	19.41	....	20.01	....	20.41	....	21.01	21.41	....	22.01
Birmingham Interntnl		19.05	..	19.45	..	20.05	..	20.45	..	21.05	21.45	..	22.05
Hampton-in-Arden		....	....	19.48	....	....	....	20.48	....	....	21.48	....	....
Berkswell		19.11	..	..	..	20.11	..	..	..	21.11	..	..	22.11
Tile Hill		19.14	....	19.55	....	20.14	....	20.55	....	21.14	21.55	....	22.14
Canley		19.17	..	..	..	20.17	..	..	..	21.17	..	..	22.17
Coventry		19.21	....	20.01	....	20.21	....	21.01	....	21.21	22.01	....	22.21
Rugby		19.32	..	20.12	20.19	20.32	..	21.12	21.19	21.32	22.12	22.16	22.32
Long Buckby		19.42	....	20.22	....	20.42	....	21.22	....	21.42	22.22	....	22.42
Northampton	Arr	19.55	..	20.34	20.43	20.54	..	21.34	21.38	21.54	22.34	22.38	22.55
	Dep	20.05	20.25	....	20.50	21.05	21.32	....	....	22.05	22.55	....	....
Wolverton		20.17	20.37	..	..	21.17	21.44	..	..	22.18	23.07	..	..
Milton Keynes Centrl		20.21	20.41	....	21.04	21.21	21.48	....	....	22.22	23.13	....	....
Bletchley		20.26	20.46	..	..	21.26	21.53	..	..	22.27	23.18	..	..
Leighton Buzzard		20.32	20.53	....	....	21.32	21.59	....	....	22.34	23.24	....	....
Cheddington		..	..	..	..	..	22.05	..	..	..	23.29	..	..
Tring		....	....	....	....	....	22.11	....	....	....	23.38	....	....
Berkhamsted		20.45	..	..	..	21.45	22.16	..	..	22.49	23.43	..	..
Hemel Hempstead		20.50	....	....	....	21.50	22.20	....	....	22.53	23.47	....	....
Apsley		..	..	..	..	..	..	..	..	..	23.50	..	..
Kings Langley		....	....	....	....	....	....	....	....	....	23.53	....	....
Watford Junction		20.57	..	..	21.29	21.57	22.31	..	..	23.01	23.58	..	..
Bushey		....	....	....	....	....	....	....	....	....	00.01	....	....
Harrow & Wealdstone		..	..	..	..	..	..	..	..	..	00.06	..	..
Wembley Central		....	....	....	....	....	....	....	....	....	....	....	....
London Euston	Arr	21.18	21.25	..	21.49	22.20	22.52	..	..	23.25	00.20	..	..
To													

**London Midland Journey Opportunities**  
**All services at Rugby and Northampton**

**Monday-Friday (110 Project)**

		73	74
Train ID		2N30	2Y84
Accom Symbols		* *	* *
Resvtn Symbols			
Catering Symbols			
Departs			
From			
Days Run			
Crewe	Dep	..	..
Alsager		....	....
Kidsgrove		..	..
Stoke-on-Trent		....	....
Barlaston		..	..
Stone		....	....
Stafford		..	..
Rugeley Trent Valley		....	....
Lichfield Trent Villy		..	..
Tamworth Low Level		....	....
Polesworth		..	..
Atherstone		....	....
Nuneaton		..	..
Birmingham New Stret	Dep	....	22.53
Adderley Park		..	..
Stechford		....	....
Lea Hall		..	..
Marston Green		....	23.01
Birmingham Interntnl		..	23.05
Hampton-in-Arden		....	....
Berkswell		..	23.11
Tile Hill		....	23.14
Canley		..	23.17
Coventry		....	23.21
Rugby		..	23.32
Long Buckby		....	23.42
Northampton	Arr	..	23.54
	Dep	23.46	....
Wolverton		23.58	..
Milton Keynes Centrl		00.04	....
Bletchley		00.09	..
Leighton Buzzard		00.15	....
Cheddington		00.24	..
Tring		00.29	....
Berkhamsted		00.34	..
Hemel Hempstead		00.38	....
Apsley		..	..
Kings Langley		....	....
Watford Junction		00.46	..
Bushey		....	....
Harrow & Wealdstone		00.52	..
Wembley Central		00.56	....
London Euston	Arr	01.08	..
To			

# Appendix C

## **Appendix C - Proposed Changes to the Service Level Commitment (SLC)**

The SLC sets out the minimum level of service which London Midland will provide as part of its franchise agreement. Project 110 requires changes to the SLC, which we are now consulting on.

The principal changes are to the following routes:

- Route G:
- Route I:
- Route Q:

The following pages show the proposed changes to each route in turn. A commentary is also provided for Route G to explain the proposed changes.

## Current Route G with Commentary

**Route G (LONDON EUSTON) - NORTHAMPTON - RUGBY - NUNEATON – STAFFORD – STONE – STOKE-ON-TRENT - CREWE**

### 1. Route Definition

- 1.1 Services shall be provided between Northampton and Crewe, calling at Long Buckby, Rugby, Nuneaton, Atherstone, Tamworth, Lichfield Trent Valley, Rugeley Trent Valley, Stafford, Stone, Stoke-on-Trent, Kidsgrove and Alsager.
- 1.2 Services in Route G shall be linked to services specified in Route Q (London-Northampton), calling at Watford Junction and Milton Keynes Central between London Euston and Northampton, to provide through services between London Euston, Northampton and the Trent Valley, as specified below.
- 1.3 Limited Stops shall be provided at Leighton Buzzard, Bletchley, Wolverton and Polesworth.

### 2. Service Pattern – Mondays to Fridays and Saturdays

#### Mondays to Fridays - Northbound

- 2.1 Between the Early and Late Services, services shall be provided from Northampton to Crewe at hourly intervals, calling at the stations specified in Paragraph 1.1.
- 2.2 Services specified in Paragraph 2.1 shall be extended to depart from London Euston between 0615 and 1600, calling additionally at Watford Junction and Milton Keynes Central. One interval between such services may be extended to one hour 30 minutes between 0615 and 0800. Services in this Paragraph shall be scheduled with services in Route Q (London Euston – Northampton), to provide a half-hourly fast service from London Euston to Northampton, calling at Milton Keynes Central.
- 2.3 Between 1730 and 2100, four additional services shall be provided from Northampton to Rugby at hourly intervals, calling at Long Buckby. These services shall originate from London Euston, calling at Watford Junction and Milton Keynes Central. Services on Route G departing from London Euston between 1630 and 1830 need not call at Watford Junction, provided that a half-hourly service from London Euston to Northampton calling at Watford Junction is provided by services on Route Q.

**Comment:** Changes made here to the additional service provision in conjunction with changes to section 4 (Early & Late services) to reflect altered service pattern

**Comment:** All EUS-NMP service requirements for SX & SO now covered by Route Q

**Comment:** All these trains now specified in Route I clause 2.8

- 2.4 One additional service shall be provided from Rugby to Stafford between 1745 and 1845, calling at all intermediate stations. This service may start from Northampton.

#### **Mondays to Fridays - Southbound**

- 2.5 Between 0500 and 0630, two additional services shall be provided from Rugby to Northampton, calling at Long Buckby. The interval between these services shall be at least 45 minutes. These services shall be extended to London Euston, calling at Milton Keynes Central and Watford Junction.
- 2.6 Between the Early and Late Services, services shall be provided from Crewe to Northampton at hourly intervals, calling at the stations specified in Paragraph 1.1.
- 2.7 Services specified in Paragraph 2.6 shall be extended to London Euston, departing from Northampton between 0830 and 2000, calling additionally at Milton Keynes Central and Watford Junction. Services in this Paragraph shall be scheduled with services in Route Q (Northampton - London Euston), to provide a half-hourly fast service from Northampton to London Euston, calling at Milton Keynes Central.
- 2.8 Between 1815 and 1845, one additional service shall be provided from Crewe to Northampton, calling at the stations specified in Paragraph 1.1.

**Comment:** All these trains now covered by Route I clause 2.18

**Comment:** All NMP-EUS service requirements for SX & SO now covered by Route Q

#### **Saturdays - Northbound**

- 2.9 Between 0630 and 0700, one additional service shall be provided from Northampton to Crewe, calling at the stations specified in Paragraph 1.1.
- 2.10 Between the Early and Late Services, services shall be provided from Northampton to Crewe at hourly intervals, calling at the stations specified in Paragraph 1.1. One interval between such services may be extended to one hour 30 minutes, if utilised in Paragraph 2.11.
- 2.11 Services specified in Paragraph 2.1 shall originate from London Euston between 0615 and 1600, calling additionally at Watford Junction and Milton Keynes Central. One interval between such services may be extended to one hour 30 minutes, between 0615 and 0800, provided that the service affected calls additionally at Hemel Hempstead, Berkhamsted, Tring, Cheddington, Leighton Buzzard, Bletchley and Wolverton. Services in this Paragraph shall be scheduled with services in Route Q (London Euston – Northampton), to provide a half-hourly fast service from London Euston to Northampton, calling at Milton Keynes Central.

#### **Saturdays – Southbound**

- 2.12 Between the Early and Late Services, services shall be provided from Crewe to Northampton at hourly intervals, calling at the stations specified in Paragraph 1.1.

2.13 Services specified in Paragraph 2.12 shall be extended to London Euston, departing from Northampton between 0830 and 1900, calling additionally at Milton Keynes Central and Watford Junction. Services in this Paragraph shall be scheduled with services in Route Q (Northampton - London Euston), to provide a half-hourly fast service from Northampton to London Euston, calling at Milton Keynes Central.

2.14 Between 1815 and 1845, one additional service shall be provided from Crewe to Northampton, calling at the stations specified in Paragraph 1.1.

### **3. Service Pattern – Sundays**

#### **Northbound**

3.1 Between the Early and the Late Services, four services shall be provided from London Euston to Crewe at two-hourly intervals, calling at the stations specified in Paragraphs 1.1 and 1.2.

3.2 Between 1330 and 2100, five additional services shall be provided from London Euston and Rugby at two-hourly intervals, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby. These services shall be scheduled with services specified in Paragraph 3.1, to provide an hourly service from London Euston to Rugby, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby.

#### **Southbound**

3.3 Between the Early and the Late Services, four services shall be provided from Crewe to London Euston at two-hourly intervals, calling at the stations specified in Paragraphs 1.1 and 1.2.

3.4 Between 1200 and 2000, five additional services shall be provided between Rugby and London Euston at two-hourly intervals, calling at Long Buckby, Northampton, Milton Keynes Central and Watford Junction. These services shall be scheduled with services specified in Paragraph 3.3, to provide an hourly service from Rugby to London Euston, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby.

### **4. Limited Stops**

#### **4.1 Leighton Buzzard, Bletchley and Wolverton**

Leighton Buzzard, Bletchley and Wolverton shall be served as follows:

- (a) On Mondays to Fridays, these stations shall be served by the four services between London Euston and Rugby specified in Paragraph 2.3. These services are linked to the fast services from London Euston to Northampton specified in Route Q.
- (b) On Mondays to Fridays these stations shall be served by the two services

between Rugby and London Euston specified in Paragraph 2.5.

- (c) On Saturdays, these stations shall be served by the service subject to the extended interval of 1 hour 30 minutes specified in Paragraph 2.11.
- (d) On Sundays, all services shall call at Leighton Buzzard.

**Comment:** BLY & WOL requirements now transferred to Route I extensions

#### 4.2 Polesworth

- (a) Polesworth shall be served by one service per day in one direction, observing the calling pattern specified in Paragraph 1.1.

#### 5. Early and Late Services

**Comment:** Changes made here together with additional service specifications to reflect new service patterns

<i>Early Service arrives at destination no later than:</i>			
<b>Route</b>	<b><i>Monday - Friday</i></b>	<b><i>Saturday</i></b>	<b><i>Sunday</i></b>
London Euston - Northampton - Crewe	0745 *	0845 *	1545
Crewe – Northampton – London Euston	0700 *	1000	1400

\* from Rugby/Northampton

<i>Late Service departs no earlier than:</i>			
<b>Route</b>	<b><i>Monday - Friday</i></b>	<b><i>Saturday</i></b>	<b><i>Sunday</i></b>
London Euston - Northampton - Crewe	1940 *	1740 *	2040 *
Crewe – Northampton – London Euston	1820 +	1820 +	1820\$

\* service shall terminate at Rugby

+ service shall terminate at Northampton

\$ service may terminate at Northampton

#### 6. Maximum Journey Times

<b>Route</b>	<b><i>Monday - Friday</i></b>	<b><i>Saturday</i></b>	<b><i>Sunday</i></b>
Northampton - Crewe	1 hour 57 minutes	1 hour 57 minutes	1 hour 57 minutes
Crewe - Northampton	2 hours 8 minutes	2 hours 8 minutes	2 hours 8 minutes

## Proposed Route G with Mark-Up

**Route G (LONDON EUSTON) - NORTHAMPTON - RUGBY - NUNEATON – STAFFORD – STONE – STOKE-ON-TRENT - CREWE**

### 1. Route Definition

1.1 Services shall be provided between Rugby and Crewe, calling at Rugby ~~Deleted:~~ Northampton  
Nuneaton, Atherstone, Tamworth, Lichfield Trent Valley, Rugeley Trent Valley, Stafford, Stone, Stoke-on-Trent, Kidsgrove and Alsager. ~~Deleted:~~ Long Buckby,

1.2 Services in Route G shall be extended to or from London Euston as an incremental service calling at Milton Keynes Central. In the event that this incremental service extension is withdrawn, then services in Route G specified to be extended to or from London Euston shall be extended instead to or from Northampton and linked to services specified in Route Q (London-Northampton) paragraph 1.1(b), to ensure that through services are provided between London Euston and the Trent Valley. ~~Deleted:~~ calling at Watford Junction and Milton Keynes Central between London Euston and Northampton,

1.3 Limited Stops shall be provided at Leighton Buzzard, and Polesworth. ~~Deleted:~~ provide

### 2. Service Pattern – Mondays to Fridays and Saturdays

#### Mondays to Fridays - Northbound

2.1 Between the Early and Late Services, services shall be provided from Rugby to Crewe at hourly intervals, calling at the stations specified in Paragraph 1.1. ~~Deleted:~~ Northampton  
~~Deleted:~~ 6  
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2.2 Services specified in Paragraph 2.1 shall be extended to depart from London Euston between 0745 and 1600, calling additionally at Milton Keynes Central ~~Deleted:~~ Watford Junction and  
~~Deleted:~~ One interval between such services may be extended to one hour 30 minutes between 0615 and 0800. Services in this Paragraph shall be scheduled with services in Route Q (London Euston – Northampton), to provide a half-hourly fast service from London Euston to Northampton, calling at Milton Keynes Central.

2.3 Between 0600 and 0810 three additional services shall be provided from Rugby to Crewe at hourly intervals calling at the stations specified in paragraph 1.1. All shall be extended to start from Northampton and the last of these shall be further extended to depart from London Euston between 0615 and 0645 and call additionally at Watford Jn, Hemel Hempstead, Berkhamsted, Tring, Cheddington, Leighton Buzzard, Bletchley, Milton Keynes Central, Wolverton and Northampton. ~~Deleted:~~ 1730 and 2100, four additional services shall be provided from Northampton to Rugby at hourly intervals, calling at Long Buckby. These services shall originate from London Euston, calling at Watford Junction and Milton Keynes Central. Services on Route G departing from London Euston between 1630 and 1830 need not call at Watford Junction, provided that a half-hourly service from London Euston to Northampton calling at Watford Junction is provided by services on Route Q.

2.4 One additional service shall be provided from Rugby to Stafford between 1745 and 1845, calling at all intermediate stations. ~~Deleted:~~ This service may start from Northampton.

**Mondays to Fridays - Southbound**

- 2.5 Between the Early and Late Services, services shall be provided from Crewe to Rugby at hourly intervals, calling at the stations specified in Paragraph 1.1.
- 2.6 Services specified in Paragraph 2.5 shall be extended to London Euston departing from Rugby between 0815 and 1930, calling additionally at Milton Keynes Central.
- 2.7 Between 1815 and 1845, one additional service shall be provided from Crewe to Rugby and extended to Northampton, calling at the stations specified in Paragraph 1.1.

**Saturdays - Northbound**

- 2.8 Between 0600 and 0810, three additional services shall be provided from Rugby to Crewe at hourly intervals, calling at the stations specified in Paragraph 1.1. All shall be extended to start from Northampton and the last of these shall be further extended to depart from London Euston between 0615 and 0645 and call additionally at Watford Jn, Hemel Hempstead, Berkhamsted, Tring, Cheddington, Leighton Buzzard, Bletchley, Milton Keynes Central, Wolverton and Northampton.
- 2.9 Between the Early and Late Services, services shall be provided from Rugby to Crewe at hourly intervals, calling at the stations specified in Paragraph 1.1.
- 2.10 Services specified in Paragraph 2.9 shall originate from London Euston between 0745 and 1600, calling additionally at Milton Keynes Central.

**Saturdays – Southbound**

- 2.11 Between the Early and Late Services, services shall be provided from Crewe to Rugby at hourly intervals, calling at the stations specified in Paragraph 1.1.
- 2.12 Services specified in Paragraph 2.11 shall be extended to London Euston departing from Rugby between 0815 and 1830, calling additionally at Milton Keynes Central.
- 2.13 Between 1715 and 1845, two additional services shall be provided from Crewe to Rugby, calling at the stations specified in Paragraph 1.1. These shall be extended to Northampton.

**3. Service Pattern – Sundays**

**Northbound**

- 3.1 Between the Early and the Late Services, four services shall be provided from London Euston to Crewe at two-hourly intervals, calling at the stations specified in Paragraphs 1.1 and 3.2 (below).

**Deleted:** Between 0500 and 0630, two additional services shall be provided from Rugby to Northampton, calling at Long Buckby. The interval between these services shall be at least 45 minutes. These services shall be extended to London Euston, calling at Milton Keynes Central and Watford Junction.

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**Deleted:** and Watford Junction. Services in this Paragraph shall be scheduled with services in Route Q (Northampton - London Euston), to provide a half-hourly fast service from Northampton to London Euston, calling at Milton Keynes Central.

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3.2 Between 1330 and 2100, five additional services shall be provided from London Euston and Rugby at two-hourly intervals, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby. These services shall be scheduled with services specified in Paragraph 3.1, to provide an hourly service from London Euston to Rugby, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby.

### Southbound

3.3 Between the Early and the Late Services, four services shall be provided from Crewe to London Euston at two-hourly intervals, calling at the stations specified in Paragraphs 1.1 and 3.4 (below).

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3.4 Between 1200 and 2000, five additional services shall be provided between Rugby and London Euston at two-hourly intervals, calling at Long Buckby, Northampton, Milton Keynes Central and Watford Junction. These services shall be scheduled with services specified in Paragraph 3.3, to provide an hourly service from Rugby to London Euston, calling at Watford Junction, Milton Keynes Central, Northampton and Long Buckby.

## 4. Limited Stops

### 4.1 Leighton Buzzard

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Leighton Buzzard be served as follows:

**Deleted:** , Bletchley and Wolverton shall

(a) On Sundays, all services shall call at Leighton Buzzard.

**Deleted:** On Mondays to Fridays, these stations shall be served by the four services between London Euston and Rugby specified in Paragraph 2.3. These services are linked to the fast services from London Euston to Northampton specified in Route Q. ¶  
<#>On Mondays to Fridays these stations shall be served by the two services between Rugby and London Euston specified in Paragraph 2.5. ¶  
<#>On Saturdays, these stations shall be served by the service subject to the extended interval of 1 hour 30 minutes specified in Paragraph 2.11. ¶

### 4.2 Polesworth

(a) Polesworth shall be served by one service per day in one direction, observing the calling pattern specified in Paragraph 1.1.

5. Early and Late Services

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<i>Early Service arrives at destination no later than:</i>			
<b>Route</b>	<b>Monday - Friday</b>	<b>Saturday</b>	<b>Sunday</b>
London Euston - <u>Rugby</u> - Crewe	<u>1030</u>	<u>1030</u>	1545
Crewe - <u>Rugby</u> - London Euston	<u>0930</u>	<u>0930</u>	1400

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<i>Late Service departs no earlier than:</i>			
<b>Route</b>	<b>Monday - Friday</b>	<b>Saturday</b>	<b>Sunday</b>
London Euston - <u>Rugby</u> - Crewe	<u>1540</u>	<u>1640</u>	2040 *
Crewe - <u>Rugby</u> - London Euston	<u>1730</u>	<u>1630</u> +	1820\$

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\* service shall terminate at Rugby

\$ service may terminate at Northampton

6. Maximum Journey Times

<b>Route</b>	<b>Monday - Friday</b>	<b>Saturday</b>	<b>Sunday</b>
<u>London Euston - Crewe</u>	<u>2 hours 40 minutes</u>	<u>2 hours 40 minutes</u>	<u>N/A</u>
<u>Crewe - London Euston</u>	<u>2 hours 55 minutes</u>	<u>2 hours 55 minutes</u>	<u>N/A</u>
Northampton - Crewe	1 hour 57 minutes	1 hour 57 minutes	1 hour 57 minutes
Crewe - Northampton	2 hours 8 minutes	2 hours 8 minutes	2 hours 8 minutes

## ***Proposed Route I with Mark-Up***

### **Route I      NORTHAMPTON - RUGBY - BIRMINGHAM NEW STREET**

**NOTE: Route I now incorporates the former Route J1 Coventry-Birmingham New Street and has been rewritten to be consistent with the revised West Coast Main Line Timetable structures applicable from December 2008.**

#### **1.      Route Definition**

- 1.1 Services shall be provided between Northampton and Birmingham New Street calling at stations in accordance with the directional calling patterns specified below.
- 1.2 Services shall be provided between Coventry and Birmingham New Street, calling at:  
  
**Towards Birmingham:** Canley, Tile Hill, Berkswell, Hampton-in-Arden, Birmingham International and Marston Green.  
**From Birmingham:** Stechford, Lea Hall, Marston Green, Birmingham International, Hampton-in-Arden, Berkswell, Tile Hill and Canley.
- 1.3 Services shall be provided between Birmingham International and Birmingham New Street, calling at Lea Hall, Stechford and Adderley Park
- 1.4 Services in Route I can be combined at Birmingham New Street with services in Route P (Birmingham New Street – Liverpool), to provide cross-Birmingham inter-urban journey opportunities, provided that the SLC 2 service requirements specified below for Route I are met.
- 1.5 Services in Route I can be combined at Northampton with services in Route Q (London Euston-Northampton), to provide cross-Northampton inter-urban journey opportunities, provided that the SLC 2 service requirements specified below for Route I are met.
- 1.6 Services specified in Paragraph 1.3 may be combined with services specified in Routes H, I or J2.

#### **2.      Service Pattern – Mondays to Fridays and Saturdays**

##### **Towards Birmingham**

- 2.1 Services from Northampton to Birmingham New Street shall call at the stations specified in the directional calling pattern below:

**Service A:** Long Buckby, Rugby, Coventry, Canley, Tile Hill, Berkswell, Birmingham International, Marston Green, Lea Hall and Stechford.

**Service B:** Long Buckby, Rugby, Coventry, Tile Hill, Hampton-in-Arden, Birmingham International and Marston Green.

- 2.2 Between and including the Early and Late Services, one service per hour shall be provided from Northampton to Birmingham New Street, calling at the stations as specified for each of the directional calling patterns for Service A and Service B in Paragraph 2.1.
- 2.3 On Mondays to Fridays, one additional service shall be provided from Northampton to Birmingham New Street between 0500 and 0530, calling at Long Buckby, Rugby, Coventry, Tile Hill, Hampton-in-Arden, Birmingham International and Marston Green.
- 2.4 One additional service shall be provided from Northampton to Coventry between 2245 and 2315, calling at Long Buckby and Rugby.
- 2.5 Between and including the Early and Late Services, services shall be provided from Coventry to Birmingham New Street at hourly intervals, calling at the stations specified in Paragraph 1.2.
- 2.6 Between and including the Early and Late Services, services shall be provided from Birmingham International to Birmingham New Street at hourly intervals, calling at the stations specified in Paragraph 1.3.
- 2.7 Between 2245 and 2300, an additional service shall be provided from Coventry to Birmingham New Street, calling at the stations specified in Paragraph 1.2.
- 2.8 On Mondays - Fridays between 1730 and 2100, four services departing from Northampton to Rugby at hourly intervals shall be extended to start from London Euston as part of the service specified in Route Q paragraph 5.

### **From Birmingham**

- 2.9 Services from Northampton to Birmingham New Street shall call at the stations specified in the directional calling pattern below:

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**Service A:** Marston Green, Birmingham International, Berkswell, Tile Hill, Canley, Coventry, Rugby and Long Buckby..

**Service B:** Marston Green, Birmingham International, Hampton-in-Arden, Tile Hill, Coventry, Rugby and Long Buckby.

- 2.10 Between and including the Early and Late Services, one service per hour shall be provided from Birmingham New Street to Northampton, calling

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at the stations as specified for each of the directional calling patterns for Service A and Service B in Paragraph 2.8.

2.11 On Mondays to Fridays, before the Early Service, one additional service shall be provided between 0545 and 0615 from Birmingham New Street to Northampton, calling at Marston Green, Birmingham International, Berkswell, Tile Hill, Canley, Coventry, Rugby and Long Buckby.

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2.12 After the Late Service, two additional services shall be provided from Birmingham New Street to Northampton at hourly intervals, calling at the stations specified in Paragraph 2.9 (Service A calling pattern). The second service shall depart Birmingham New Street no earlier than 2240.

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2.13 Between and including the Early and Late Services, services shall be provided from Birmingham New Street to Coventry at hourly intervals, calling at the stations specified in Paragraph 1.2. One service departing from Birmingham New Street on Mondays to Fridays between 0700 and 0730 need not call at Hampton-in-Arden and Canley. One service departing from Birmingham New Street between 1700 and 1730 need only call at Stechford, Birmingham International, Tile Hill and Canley.

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2.14 Between and including the Early and Late Services, services shall be provided from Birmingham New Street to Birmingham International at hourly intervals, calling at the stations specified in Paragraph 1.3.

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2.15 On Mondays to Fridays between 1700 and 1730, one additional service shall be provided from Birmingham New Street to Coventry, calling at Adderley Park, Lea Hall, Marston Green, Birmingham International, Hampton-in-Arden and Berkswell.

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2.16 The Late Service from Birmingham New Street to Coventry shall also call at Adderley Park.

2.17 On Mondays to Fridays after the Late Service, one additional service shall be provided from Birmingham New Street to Coventry, calling at Marston Green and Birmingham International. This service shall depart Birmingham New Street no earlier than 2345.

2.18 On Mondays - Fridays between 0500 and 0630, two additional services shall be provided from Rugby to Northampton, calling at Long Buckby. The interval between these services shall be at least 45 minutes. These services shall be extended to London Euston as part of the service specified in Route Q paragraph 5.

### **3. Service Pattern – Sundays**

#### **Towards Birmingham**

- 3.1 Between 0830 and 0859, one additional service shall be provided from Coventry to Birmingham New Street, calling at Canley, Tile Hill, Berkswell, Hampton-in-Arden, Birmingham International and Marston Green. This service shall be timed to arrive at Birmingham New Street no later than 0915.
- 3.2 Between 0900 and 1059, two additional services shall be provided from Coventry to Birmingham New Street at an hourly interval, calling at Canley, Tile Hill, Berkswell, Hampton-in-Arden, Birmingham International and Marston Green. The first of these services shall be timed to arrive at Birmingham New Street no earlier than 30 minutes after the service specified in Paragraph 3.1.
- 3.3 Between 0845 and 0915, one additional service shall be provided from Birmingham International to Birmingham New Street, calling at Marston Green, Lea Hall, Stechford and Adderley Park.
- 3.4 Between and including the Early and Late Services, services shall be provided from Coventry to Birmingham New Street at hourly intervals, calling at Birmingham International, Marston Green, Lea Hall, Stechford and Adderley Park. Services departing Coventry between 1300 and 2115 shall also call at Tile Hill.
- 3.5 Between 0915 and 0945, one additional service shall be provided from Northampton to Birmingham New Street, calling at Long Buckby, Rugby, Coventry, Birmingham International, Marston Green, Lea Hall, Stechford and Adderley Park.
- 3.6 Between and including the Early and Late Services, services shall be provided from Northampton to Birmingham New Street at hourly intervals, calling at Long Buckby, Rugby, Coventry, Canley, Tile Hill, Berkswell, Hampton-in-Arden and Birmingham International.
- 3.7 After the Late Service from Northampton to Birmingham New Street, one additional service shall be provided from Northampton to Coventry, calling at Long Buckby and Rugby. This service shall depart from Northampton no earlier than 2320.

### **From Birmingham**

- 3.8 Between 0830 and 0900, one additional service shall be provided from Birmingham New Street to Birmingham International, calling at Adderley Park, Stechford, Lea Hall and Marston Green.
- 3.9 One additional service shall be provided one hour before the Early Service from Birmingham New Street to Coventry, calling at Marston Green, Birmingham International, Berkswell, Tile Hill and Canley. This service need not call at Hampton-in-Arden.
- 3.10 Between and including the Early and Late Services, services shall be provided from Birmingham New Street to Coventry at hourly intervals, calling at Adderley Park, Stechford, Lea Hall, Marston Green and Birmingham International. Services departing Birmingham New Street between 1215 and 2045 shall also call at Tile Hill.
- 3.11 Between and including the Early and Late Services, services shall be provided from Birmingham New Street to Northampton at hourly intervals, calling at Marston Green, Birmingham International, Hampton-in-Arden, Berkswell, Tile Hill, Canley, Coventry, Rugby and Long Buckby.
- 3.12 One additional service shall be provided from Birmingham New Street to Coventry one hour after the Late Service from Birmingham New Street to Northampton, calling at all stations.

#### **4. Limited Stops**

There is no requirement for Limited Stops in Route I.

5. Early and Late Services

<i>Early Service arrives at destination no later than:</i>			
<b>Route</b>	<b><i>Monday - Friday</i></b>	<b><i>Saturday</i></b>	<b><i>Sunday</i></b>
Northampton - Birmingham New Street <i>(Paragraph 2.1 calling pattern)</i>	0715	0715	1115 **
Birmingham New Street - Northampton <i>(Paragraph 2.2 calling pattern)</i>	0800	0800	1030 **
Coventry - Birmingham New Street <i>(Paragraph 1.2 calling pattern)</i>	0645	0645	1145 *
Birmingham New Street - Coventry <i>(Paragraph 1.2 calling pattern)</i>	0655	0655	1015 *
Birmingham International – Birmingham New Street <i>(Paragraph 1.3 calling pattern)</i>	0635	0635	N/A
Birmingham New Street – Birmingham International <i>(Paragraph 1.3 calling pattern)</i>	0700	0700	N/A

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\* Sundays - Paragraph 3.4 / 3.10 calling pattern

\*\* Sundays - Paragraph 3.6 / 3.11 calling pattern

<b>Late Service departs no earlier than:</b>			
<b>Route</b>	<b>Monday - Friday</b>	<b>Saturday</b>	<b>Sunday</b>
Northampton - Birmingham New Street <i>(Paragraph 2.1 calling pattern)</i>	2200	2045	2245 **
Birmingham New Street - Northampton <i>(Paragraph 2.2 calling pattern)</i>	2130	2130	2210 **
Coventry - Birmingham New Street <i>(Paragraph 1.2 calling pattern)</i>	2205	2205	2300 *
Birmingham New Street - Coventry <i>(Paragraph 1.2 calling pattern)</i>	2310	2310	2230 *
Birmingham International – Birmingham New Street <i>(Paragraph 1.3 calling pattern)</i>	2215	2215	N/A
Birmingham New Street – Birmingham International <i>(Paragraph 1.3 calling pattern)</i>	2135	2135	N/A

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\* Sundays - Paragraph 3.4 / 3.10 calling pattern

\*\* Sundays - Paragraph 3.6 / 3.11 calling pattern

## 6. Maximum Journey Times

<b><i>Route</i></b>	<b><i>Monday – Friday*</i></b>	<b><i>Saturday*</i></b>	<b><i>Sunday**</i></b>
Northampton - Birmingham New Street <i>(Paragraph 2.1 calling pattern)</i>	1 hour 7 minutes *	1 hour 7 minutes *	<b>1 hour 7 minutes *</b>
Birmingham New Street- Northampton <i>(Paragraph 2.8 calling pattern)</i>	1 hour 7 minutes *	1 hour 7 minutes*	<b>1 hour 4 minutes *</b>
Coventry - Birmingham New Street <i>(Paragraph 1.2 calling pattern)</i>	30 minutes	30 minutes. One service may take up to 32 minutes	<b>31 minutes **</b>
Birmingham New Street - Coventry <i>(Paragraph 1.2 calling pattern)</i>	35 minutes	35 minutes The Late Service may take up to 36 minutes	<b>31 minutes **</b>
Birmingham International – Birmingham New Street <i>(Paragraph 1.3 calling pattern)</i>	15 minutes	15 minutes	<b>N/A</b>
Birmingham New Street – Birmingham International <i>(Paragraph 1.3 calling pattern)</i>	16 minutes	16 minutes	<b>N/A</b>

\* *Includes allowance for Northampton-Birmingham services calling at other intermediate stations in Route I, between Coventry and Birmingham.  
Sundays - Paragraph 3.6 / 3.11 calling pattern*

\*\* *Sundays - Paragraph 3.4 / 3.10 calling pattern*

## **Proposed Route Q with Mark Up**

### **Route Q LONDON EUSTON – NORTHAMPTON**

#### **1. Route Definition**

1.1 Fast services shall be provided between London Euston and Northampton, calling at:

1.1(a) Leighton Buzzard, Bletchley, Milton Keynes Central and Wolverton, or:

1.1(b) Watford Junction and Milton Keynes Central.

Deleted:

1.2 Semi-fast services shall be provided between London Euston and Northampton, calling at Watford Junction, Hemel Hempstead, Berkhamsted, Leighton Buzzard, Bletchley, Milton Keynes Central and Wolverton.

1.3 Semi-fast services shall be provided between London Euston and Milton Keynes Central, calling at Watford Junction, Hemel Hempstead, Berkhamsted, Tring, Cheddington, Leighton Buzzard and Bletchley.

1.4 Stopping services shall be provided between London Euston and Tring, calling at Harrow & Wealdstone, Bushey, Watford Junction, Kings Langley, Apsley, Hemel Hempstead and Berkhamsted.

1.5 **(Sundays only, to 1200; also certain early morning and late evening services)** Services shall be provided between London Euston and Northampton, calling at Harrow & Wealdstone, Bushey, Watford Junction, Kings Langley, Apsley, Hemel Hempstead, Berkhamsted, Tring, Cheddington, Leighton Buzzard, Bletchley, Milton Keynes Central and Wolverton.

#### **2. Service Pattern – Summary**

The service pattern applicable to the Route Definitions (Paragraphs 1.1-1.5 inclusive) is defined in Paragraphs 3 to 8 and the total number of services provided to individual destinations shall be as follows:

Deleted: <#>Fast services specified in Paragraph 1.1 shall be scheduled with services in Route G ([London Euston] – Northampton – Crewe) to provide a half-hourly service between London Euston to Northampton on Mondays to Fridays and Saturdays, calling at Milton Keynes Central, as specified below.¶

## A. Services from London Euston

Route	Monday-Friday		Monday to Friday Peaks	Saturdays	Sundays
	Until 1559	From 1900			
<b>London Euston - Tring</b> <i>(Paragraph 1.4)</i>	<b>20</b>	<b>5</b>	<b>6</b>	<b>26</b>	<b>10</b>
<b>London Euston - Bletchley</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>London Euston - Milton Keynes Central</b> <i>(Paragraph 1.3)</i>	<b>9</b>	<b>6</b>	<b>5</b>	<b>16</b>	<b>10</b>
<b>London Euston - Northampton</b> <i>(Paragraphs 1.1, 1.2, 1.5)</i>	<b>30</b>	<b>13</b>	<b>9</b>	<b>43</b>	<b>35</b>

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**B. Services towards London Euston**

Route:	Monday-Friday		Monday to Friday Peaks	Saturdays	Sundays
	Until 0659	From 1000			
<b>Tring - London Euston</b> <i>(Paragraph 1.4)</i>	0	21	6	28	10
<b>Bletchley - London Euston</b>	0	0	2	0	0
<b>Milton Keynes Central to London Euston</b> <i>(Paragraph 1.3)</i>	2	13	5	12	10
<b>Northampton to London Euston</b> <i>(Paragraphs 1.1, 1.2, 1.5)</i>	4	38	9	42	31 <i>(includes route G service)</i>

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**3. Mondays to Fridays - London Euston to Tring**

*(Stopping Services, in Paragraph 1.4)*

- 3.1 Between and including the Early and Late Services, a half-hourly service shall be provided between London Euston and Tring, calling at all stations to Berkhamsted specified in Paragraph 1.4.
- 3.2 Between 2100 and the Late Service in each direction an hourly service shall be provided. These services shall be extended to or have originated from Milton Keynes Central.
- 3.3 Peak departures from London Euston and Peak arrivals at London Euston may omit to call at intermediate stations between Harrow and Wealdstone and Berkhamsted inclusive provided that a half hourly service is provided between London Euston and each such intermediate station.
- 3.4 Departures from London Euston before 0800, arrivals at London Euston before 0700 and the Late Service from London Euston may omit to call at Bushey.
- 3.5 The Early Service to London Euston and the Late Service from London Euston may omit to call at Apsley and Kings Langley.

**4. Mondays to Fridays - London Euston to Milton Keynes Central and Northampton** *(Semi-fast Services, in Paragraphs 1.2, 1.3)*

**Early Morning Service Variations**

- 4.1 Before the Early Service from Milton Keynes Central to London Euston, one additional service shall be provided from Milton Keynes Central to London Euston between 0315 and 0345, calling at the stations specified in Paragraph 1.3 and additionally at Harrow & Wealdstone and Wembley Central. This service need not call at Cheddington, Apsley and Kings Langley.

**Core Service Specification**

- 4.2 Between and including the Early and Late Services, a half-hourly service shall be provided between London Euston and Milton Keynes Central calling at Watford Junction, Hemel Hempstead, Berkhamsted, Leighton Buzzard and Bletchley.
  - (a) The Early Service from Milton Keynes Central shall originate from Northampton and shall call additionally at Wolverton and Wembley Central.

- 4.3 Of the half-hourly service specified in Paragraph 4.2, one service per hour shall be extended to Northampton calling at Wolverton, provided that for departures from London Euston before 0700, and for arrivals at London Euston between 0645 and 0959 and between 1730 and 1855 all services specified in Paragraph 4.1 shall be extended to Northampton calling at Wolverton.
- 4.4 Of the half-hourly service specified in Paragraph 4.2, one service per hour shall call additionally at Tring and Cheddington. Such calls shall be made by the Early and Late Services. The Early Service to London Euston and the Late Service to Milton Keynes Central may omit to call at Cheddington.

### **Morning and Afternoon Peaks, and Evening Service Variations**

#### **Northbound**

- 4.5 Departures from London Euston between 1600 and 2100, also Peak arrivals at London Euston between 0700 and 0959 need not call at intermediate stations between Watford Junction and Bletchley inclusive, provided that a half-hourly service is provided between London Euston and each such intermediate station.
- 4.6 The Late Service from London Euston to Milton Keynes Central shall call additionally at Wembley Central and Harrow & Wealdstone. The Late Service need not call at Cheddington.

#### **Southbound**

- 4.7 Between the Late Service from Milton Keynes Central and 2215 one additional service shall be provided from Milton Keynes Central to London Euston, calling at the stations in Paragraph 1.3 and Apsley, Kings Langley, Bushey and Harrow and Wealdstone.
- 4.8 Between 2215 up to and including the Late Service, services departing Northampton for London Euston shall call at the stations specified in Paragraph 1.5. The Late Service need not call at Kings Langley or Apsley.

**5. Mondays to Fridays - London Euston to Northampton** (*Fast Services, in Paragraph 1.1*)

5.1 Between 0700 and 2130 departure time from London Euston and between 0730 and 2145 arrival time at London Euston, an hourly service shall be provided between London Euston and Northampton, calling at the stations specified in Paragraph 1.1(a).

~~5.2 Between 0730 and 1600 departure time from London Euston and between 0930 and 2100 arrival time at London Euston, an hourly service shall be provided between London Euston and Northampton calling at the stations specified in Paragraph 1.1(b), providing (in conjunction with paragraph 5.1) a half-hourly service between London Euston and Northampton, calling at Milton Keynes Central.~~

~~5.3 All services specified in paragraph 5.2 shall be combined with services specified in either Route I or Route G to provide a through service between Rugby and London Euston calling at Northampton, Milton Keynes and Watford Jn.~~

~~5.4 After 1600, all services specified in Paragraph 5.1 shall call at Wolverton.~~

~~5.5 Three additional services shall be provided departing London Euston between 1645 and 1900 at hourly intervals calling at the stations specified in paragraph 1.1(a)~~

~~5.6 Four additional services shall be provided from Northampton to London Euston arriving between 0715 and 0915, calling at the stations specified in paragraph 1.1(a). Combined with the trains specified in paragraph 5.1, these trains shall arrive at London Euston at intervals of no less than 15 minutes.~~

~~5.7 Peak departures from London Euston may omit to call at Bletchley.~~

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**6. Saturdays - London Euston to Tring** (*Stopping Services, in Paragraph 1.4*)

6.1 Between and including the Early and Late Services, a half-hourly service shall be provided between London Euston and Tring, calling at all stations to Berkhamsted specified in Paragraph 1.4.

6.2 Departures from London Euston before 0800, arrivals at London Euston before 0700 and the Late Service from London Euston may omit to call at Bushey.

- 6.3 The Early Service to London Euston and the Late Service from London Euston may omit to call at Apsley and Kings Langley.
- 6.4 Between 2045 and 2115, one additional service shall be provided from London Euston to Tring, calling at the stations specified in Paragraph 1.4. This service shall be extended to Milton Keynes Central, calling at Cheddington, Leighton Buzzard and Bletchley.

**7. Saturdays - London Euston to Milton Keynes and Northampton**  
*(Semi-fast Services, in Paragraph 1.2, 1.3)*

**Early Morning Service Variations**

**Northbound**

- 7.1 Between 0515 and 0715, three additional services shall be provided from London Euston to Northampton, as follows:
- (a) The first of these services shall depart London Euston between 0515 and 0544. This service shall call at the stations specified in Paragraph 1.5 and need not call at Bushey.
  - (b) The second of these services shall depart London Euston between 0615 and 0644, one hour after the service specified in Paragraph 7.1(a). This service shall be provided by a service specified in Route G and call at the stations specified in Paragraph 1.3 and Wolverton.
  - (c) Between 0645 and 0715, one additional service shall be provided from London Euston to Northampton, calling at the stations in Paragraph 1.5.

**Southbound**

- 7.2 Between 0315 and 0445, two additional services shall be provided from Milton Keynes Central to London Euston at hourly intervals, calling at the stations specified in Paragraph 1.3 and additionally at Harrow & Wealdstone and Wembley Central. These services need not call at Cheddington, Apsley and Kings Langley.
- 7.3 Between 0500 and 0530, one additional service shall be provided from Northampton to London Euston, calling at the stations specified in Paragraph 1.5. This service shall be timed to arrive at London Euston not earlier than one hour after the second service in Paragraph 7.2.

### **Core Service Specification**

- 7.4 Between and including the Early and Late Services, a half-hourly service shall be provided between London Euston and Milton Keynes Central, calling at the stations specified in Paragraph 1.2.
- 7.5 Of the half-hourly service specified in Paragraph 7.4, one service per hour shall be extended to Northampton calling at Wolverton. All services specified in Paragraph 7.4 shall be extended to Northampton, calling at Wolverton, during the following time periods:
- (a) departures from London Euston before 1000;
  - (b) departures from Euston between 1900 and 2045;
  - (c) arrivals at London Euston before 0930;
  - (d) arrivals at London Euston between 1900 and 2100.
- 7.6 Of the half-hourly service specified in Paragraph 7.4, one service per hour shall call additionally at Tring and Cheddington. Such calls shall be made by the Early and Late Services. The Early Service to London Euston and the Late Service to Milton Keynes Central may omit to call at Cheddington.

### **Mid and Late Evening Service Variations**

#### **Northbound**

- 7.7 Between 2115 and 2145, one additional service shall be provided from London Euston to Milton Keynes Central, calling at the stations specified in Paragraph 1.2.
- 7.8 The Late Service from London Euston to Northampton shall call at the stations specified in Paragraph 1.5, **instead of Paragraph 1.2.**
- 7.9 Between 2215 and 2245, one additional service shall be provided from London Euston to Northampton, calling at the stations specified in Paragraph 1.2. This service need not call at Wolverton.
- 7.10 Between 2300 and 2359, two additional services shall be provided from London Euston to Northampton at an interval of at least 40 minutes, calling at the stations specified in Paragraph 1.5.
- 7.11 **Between 0015 and 0045 (on Sunday)** one additional service shall be provided from London Euston to Milton Keynes Central calling Wembley Central and all intermediate stations specified in Paragraph 1.5 This may be provided by means of alternative road transport.

7.12 **Between 0130 and 0230 (on Sunday)**, one additional service shall be provided from London Euston to Milton Keynes Central calling at Wembley Central and all intermediate stations specified in Paragraph 1.5, except Bushey, Kings Langley, Apsley and Cheddington. This may be provided by means of alternative road transport.

**Southbound**

7.13 Between 1915 and 2145, three additional services shall be provided at hourly intervals from Northampton to London Euston, calling at the stations specified in Paragraph 1.2.

7.14 Between 1930 and 2359, five additional services shall be provided at hourly intervals from Northampton to London Euston, calling at the stations specified in Paragraph 1.5. Services specified in this Paragraph departing Northampton before 2159 need not call at Wolverton. The last of these additional services shall not call at Apsley, Kings Langley and Bushey.

**8. Saturdays - London Euston to Northampton**  
*(Fast Services, in Paragraph 1.1)*

8.1 Between 0930 up to and including the Late Service departure time from London Euston and between 0830 and 1900 arrival time at London Euston, an hourly service shall be provided between London Euston and Northampton, calling at the stations specified in Paragraph 1.1(a).

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8.2 Between 0730 and 1900 departure time from London Euston and between 0945 and 2000 arrival time at London Euston, an hourly service shall be provided between London Euston and Northampton calling at the stations specified in Paragraph 1.1(b), providing (in conjunction with paragraph 8.1) a half-hourly service between London Euston and Northampton, calling at Milton Keynes Central.

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8.3 One additional service shall depart from Northampton calling at the stations specified in paragraph 1.1(a) to arrive at London Euston between 0830 and 0900. This service shall also call at Watford Junction.

8.4 All services specified in paragraph 8.2 shall be combined with services specified in either Route I or Route G to provide a through service between Rugby and London Euston calling at Northampton, Milton Keynes and Watford Jn.

**9. Sundays - London Euston to Northampton**  
*(Paragraphs 1.2, 1.3, 1.4, 1.5, also Route G)*

**Early Sunday Morning Service Variations**

9.1 Between and including 0700 and 1159, a half-hourly service shall be provided between London Euston and Northampton, calling at all stations specified in Paragraph 1.5, except Bushey. Certain stations shall be subject to an amended calling pattern between these times, as follows:

- (a) Apsley, Kings Langley, Tring and Cheddington need only be served by one train per hour.

Between 0700 and 0759, services between London Euston and Northampton may be provided by means of alternative road transport.

**Sunday - Core Service Specification**

9.2 Between 1200 and 2144, services shall be provided between London Euston and Northampton, as follows:

- (a) One fast service per hour between London Euston and Northampton, calling at Watford Junction, Leighton Buzzard and Milton Keynes Central. This may be provided by services specified in Route G (London Euston-Northampton-Rugby-Crewe).
- (b) One semi-fast service per hour between London Euston and Northampton, calling at stations specified in Paragraph 1.2.
- (c) One semi-fast service per hour between London Euston and Milton Keynes Central, calling at stations specified in Paragraph 1.3.
- (d) One stopping service per hour between London Euston and Tring, calling at stations specified in Paragraph 1.4.

**Late Sunday Evening Service Variations**

**Northbound**

9.3 Between 2145 up to and including the Late Service from London Euston to Northampton, four additional services shall be provided at half-hourly intervals, calling at the stations specified in Paragraph 1.5.

9.4 Between **0015 and 0045 (on Monday)**, one additional service shall be provided from London Euston to Northampton, calling at Wembley Central and all intermediate stations specified in Paragraph 1.5.

9.5 Between **0115 and 0145 (on Monday)**, one additional service shall be provided from London Euston to Milton Keynes Central calling at Wembley Central and all intermediate stations specified in Paragraph 1.5, except Bushey, Kings Langley, Apsley and Cheddington.

**Southbound**

9.6 Between 2145 up to and including the Late Service from Northampton to London Euston (paragraph 1.2 semi-fast services) three services shall be provided at hourly intervals, calling at the stations specified in Paragraph 1.5, except Bushey. The first of these services may call at stations specified in Paragraph 1.2.

**10. Early and Late Services**

Route	<i>Early Service arrives at destination no later than:</i>		
	<i>Monday – Friday</i>	<i>Saturday</i>	<i>Sunday</i>
London Euston – Northampton (Fast) <i>(Paragraph 1.1)</i>	0830	<del>0845</del>	1400 *
Northampton – London Euston (Fast) <i>(Paragraph 1.1)</i>	0730	<del>0930</del>	1400 *
London Euston – Northampton (Semi-Fast) <i>(Paragraph 1.2)</i>	0700	0915	0815 <i>(paragraph 1.5)</i>
Northampton – London Euston (Semi-Fast) <i>(Paragraph 1.2)</i>	0545	0730	0745 <i>(paragraph 1.5)</i>
London Euston - Milton Keynes Central (Semi-Fast) <i>(Paragraph 1.3)</i>	0830	0830	1330
Milton Keynes Central – London Euston (Semi-Fast) <i>(Paragraph 1.3)</i>	0615	0800	1400
London Euston – Tring (Stopping Service) <i>(Paragraph 1.4)</i>	0650	0830	1300
Tring - London Euston (Stopping Service) <i>(Paragraph 1.4)</i>	0715	0715	1315

\* provided by Route G services

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<b>Late Service departs no earlier than:</b>			
<b>Route</b>	<b>Monday – Friday</b>	<b>Saturday</b>	<b>Sunday</b>
London Euston – Northampton (Fast) <i>(Paragraph 1.1)</i>	2100	1910	2040 *
Northampton – London Euston (Fast) <i>(Paragraph 1.1)</i>	2015	1830	2045 *
London Euston – Northampton (Semi-Fast) <i>(Paragraph 1.2)</i>	0015 <i>(paragraph 1.5)</i>	2145 <i>(paragraph 1.5)</i>	2330 <i>(paragraph 1.5)</i>
Northampton – London Euston (Semi-Fast) <i>(Paragraph 1.2)</i>	2330	1900	2330 <i>(paragraph 1.5)</i>
London Euston - Milton Keynes Central (Semi-Fast) <i>(Paragraph 1.3)</i>	0115	2015	2130
Milton Keynes Central – London Euston (Semi-Fast) <i>(Paragraph 1.3)</i>	2030	1740	2200
London Euston – Tring (Stopping Service) <i>(Paragraph 1.4)</i>	2100	2000	2100
Tring - London Euston (Stopping Service) <i>(Paragraph 1.4)</i>	2115	1945	2115

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\* provided by Route G services

## 11. Maximum Journey Times

<b>Route</b>	<b>Monday - Friday</b>	<b>Saturday</b>	<b>Sunday</b>
London Euston – Northampton (Fast) <i>(Paragraph 1.1) *</i>	<b>* 1 hour 5 minutes,</b> provided that 45% of services complete the journey within 55 minutes.	<b>* 1 hour 5 minutes,</b> provided that 45% of services complete the journey within 55 minutes.	<b>* 55 minutes</b> (refers to Route G service)
Northampton – London Euston (Fast) <i>(Paragraph 1.1) *</i>	<b>* 1 hour 4 minutes,</b> provided that 45% of services complete the journey within 58 minutes.	<b>* 1 hour 4 minutes,</b> provided that 45% of services complete the journey within 58 minutes.	<b>* 55 minutes</b> (refers to Route G service)
London Euston – Northampton (Semi-Fast) <i>(Paragraph 1.2)</i>	<b>1 hour 27 minutes,</b> provided that 80% of services complete the journey within 1 hour 12 minutes	<b>1 hour 27 minutes,</b> provided that 80% of services complete the journey within 1 hour 12 minutes	<b>1 hour 33 minutes</b> <i>(paragraph 1.5)</i>
Northampton – London Euston (Semi-Fast) <i>(Paragraph 1.2)</i>	<b>1 hour 20 minutes,</b> provided that 70% of services complete the journey within 1 hour 11 minutes	<b>1 hour 20 minutes,</b> provided that 70% of services complete the journey within 1 hour 11 minutes	<b>1 hour 30 minutes</b> <i>(paragraph 1.5)</i>
London Euston - Milton Keynes Central (Semi-Fast) <i>(Paragraph 1.3)</i>	1 hour	1 hour	1 hour
Milton Keynes Central – London Euston (Semi-Fast) <i>(Paragraph 1.3)</i>	59 minutes	59 minutes	59 minutes
London Euston – Tring (Stopping Service) <i>(Paragraph 1.4)</i>	43 minutes	43 minutes	43 minutes
Tring - London Euston (Stopping Service) <i>(Paragraph 1.4)</i>	42 minutes	42 minutes	42 minutes

\* Maximum Journey Times for Fast services to/from Northampton also include those provided by Route J services. **(route G on Sundays)**

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