



St Albans Rail

## **Watford to Welwyn and Hertford via St Albans Abbey : sample timetable for first scenario**

© Copyright Rail Planning Consulting and St Albans Rail. All rights reserved. This document may be copied, transmitted and printed for research purposes provided this copyright statement is included.

*Document version 1.1*

### **First scenario**

Single track between Park Street and How Wood. Three platforms at St Albans Abbey.

Green-coloured service : conventional turnround at St Albans Abbey in 6 minutes.

Euston shuttle (trains coloured blue) : Euston and Watford Junction to St Albans Abbey and St Albans London Road. Express turnround at St Albans Abbey in 3 minutes. Driver sharing with the orange-coloured service.

Orange-coloured service : express turnround at St Albans Abbey in 3 minutes. Driver sharing with the Euston shuttle.

Red-coloured service : service via St Albans City on the Midland Main line and Watford Junction.

The Euston shuttle stops at intermediate stations between Watford Junction and St Albans Abbey, namely Watford North, Garston, Bricket Wood, How Wood, Park Street. No other services are currently timed to stop at these intermediate stations.

The two services to Welwyn Garden City are green-coloured and orange-coloured. Together they provide four services an hour. They are not at 15-minute intervals. To Welwyn Garden City, trains depart St Albans London Road at 19, 29, 49, 59 minutes past the hour. From Welwyn Garden City, trains arrive at St Albans London Road at 06, 23, 36, 53 minutes past the hour.

Green-coloured, orange-coloured and red-coloured services are shown in the simulation as running via Watford Junction. In fact they might instead be services via a connecting chord onto the proposed HS2 to HS1 link line.

It is unlikely that the green-coloured or orange-coloured service would run to Euston, since this would imply turnround times at Euston of 27 minutes : the green-coloured service would require a dedicated platform at Euston, the orange-coloured service would require a separate dedicated platform at Euston. If these services were to run via Watford but not to Euston, they might for example run via Kensington (Olympia) e.g. to Gatwick Airport.

The A414 North Orbital Road crosses the Abbey line by means of a bridge located to the north of Park Street station. St Albans Rail is not based in St Albans and we lack information concerning this bridge. We hope the bridge is of sufficient span to permit two railway tracks to pass beneath it, there being currently only one track beneath it. If not, there would be a single-track section of railway line passing beneath this bridge and therefore requiring train synchronisation. To cater for this uncertainty, we incorporate a one-minute waiting time for trains that pass each other on the St Albans side of Park Street, which would be used for train synchronisation. This

applies to green-coloured and orange-coloured services.

Train times are shown in such a way as to show arrival and departure times at St Albans Abbey over a half-hour period. Add 30 minutes to the times shown for a further train of the same colour. All times are shown as minutes past the hour. *Times in italics are times at which trains pass through stations without stopping.* Times in normal type are times at which trains stop at stations. Notes are in square brackets e.g. [1]. Arrival times are in brackets when preceding departure times e.g. (00).

Galleria at Hatfield (GaH) times are not currently estimated, therefore omitted from the timetable. Currently, all trains to/from Galleria at Hatfield (GaH) are assumed to run to/from Welwyn Garden City.

*Passengers should note that services may be delayed due to the fact that not all railway lines have been constructed. We apologise for any inconvenience.*

#### **Abbreviations for this scenario**

arr	arrival time
BW	Bricket Wood
dep	departure time
Euston	London Euston
G	Garston
GaH	Galleria at Hatfield
HW	How Wood
platform	Platform at St Albans Abbey
PS/PL	Refers to times either at Park Street station or at the train passing facility at Park Street i.e. immediately north of the single track section between Park Street and How Wood
StAA	St Albans Abbey
StA City	St Albans (City)
StA LR	St Albans London Road
WGC	Welwyn Garden City
WJ	Watford Junction
WN	Watford North

**Timetable for first scenario**

Train code	Shuttle from Euston	Orange from WGC	Red to StA City	Green to WGC	Shuttle to Euston	Orange to WGC	Green from WGC	Red from StA City
(WGC arr)								
WGC dep		51					08	
StA City dep								31
(Euston arr)	(00)		(10)	(07)		(17)		
Euston dep	18		31	34		44		
WJ dep	40		53	56		06		
WN	42		54	57		07		
G	45		56	59		09		
BW	48		58	01		11		
HW	51		00	03		13		
PS/PL arr	53		02	05		15		
PS/PL dep	53		02	06		16		
StA LR		06			13		23	
StAA arr	00	09		10 [1]	16	23	26	
platform								
StAA dep	03	12		16	19	26	32	
StA LR	06			19		29		
PS/PL arr		15			22		35	38
PS/PL dep		16			25		36	38
HW		18			27		38	40
BW		20			30		40	43 [2]
G		22			33		42	45
WN		24			36		44	47
WJ arr		25			38		45	48
Euston arr		47			00		07	10
StA City arr			09					
WGC arr				34		44		

Notes

1. Green to WGC waits 1 minute to obtain clearance to arrive at St Albans Abbey.
2. Red from St Albans City waits 1 minute on the Watford side of How Wood to permit recovery of 3-minute headway between this and the preceding train, which was a 2-minute headway from Park Street to How Wood.