



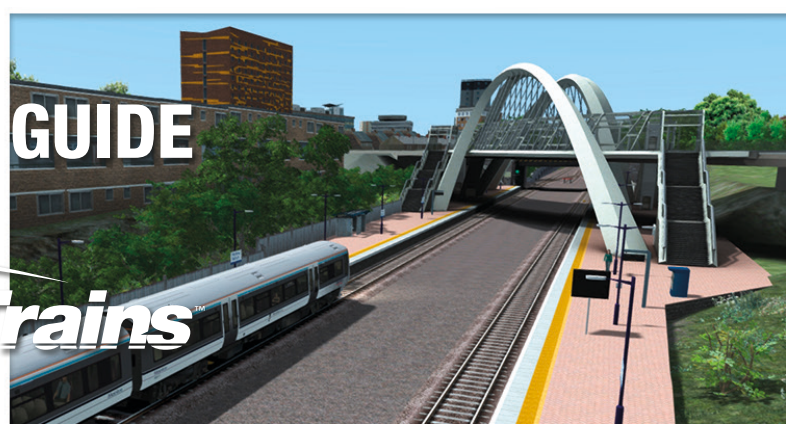
Chiltern Main Line

London to Birmingham

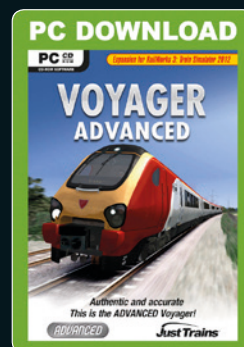
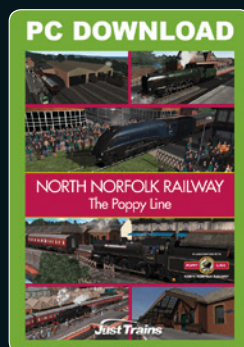
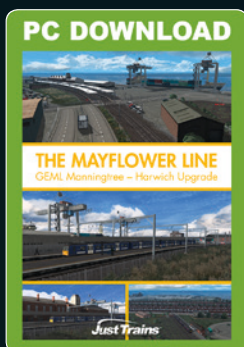
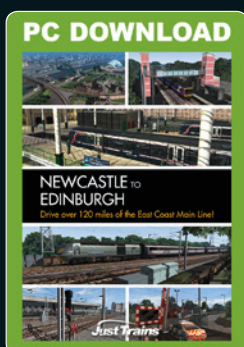
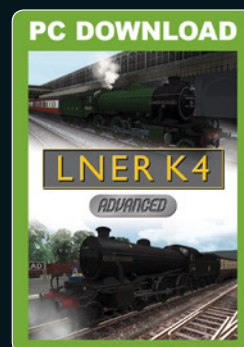
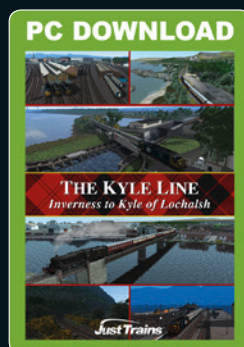
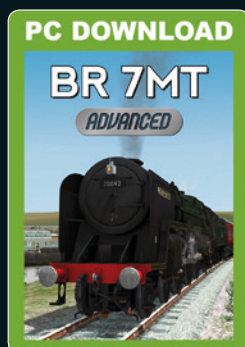
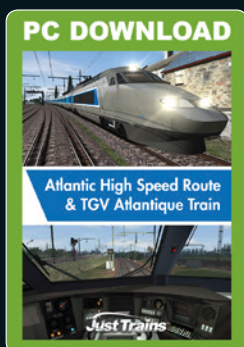
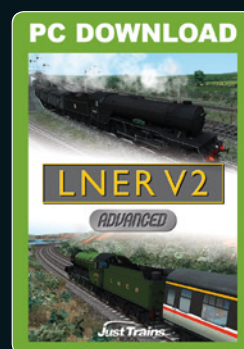
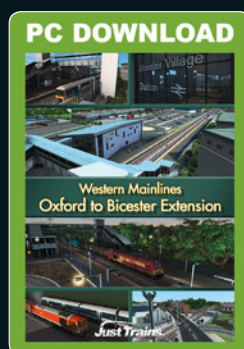
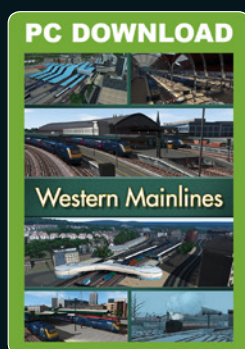
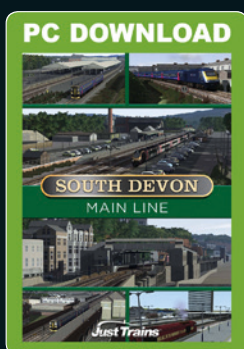


ROUTE GUIDE

Just Trains



The Spirit of Train Simulation



Available to buy online at www.justtrains.net

Just Trains™
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Chiltern Main Line

London to Birmingham

Route Guide

Route expansion for Train Simulator

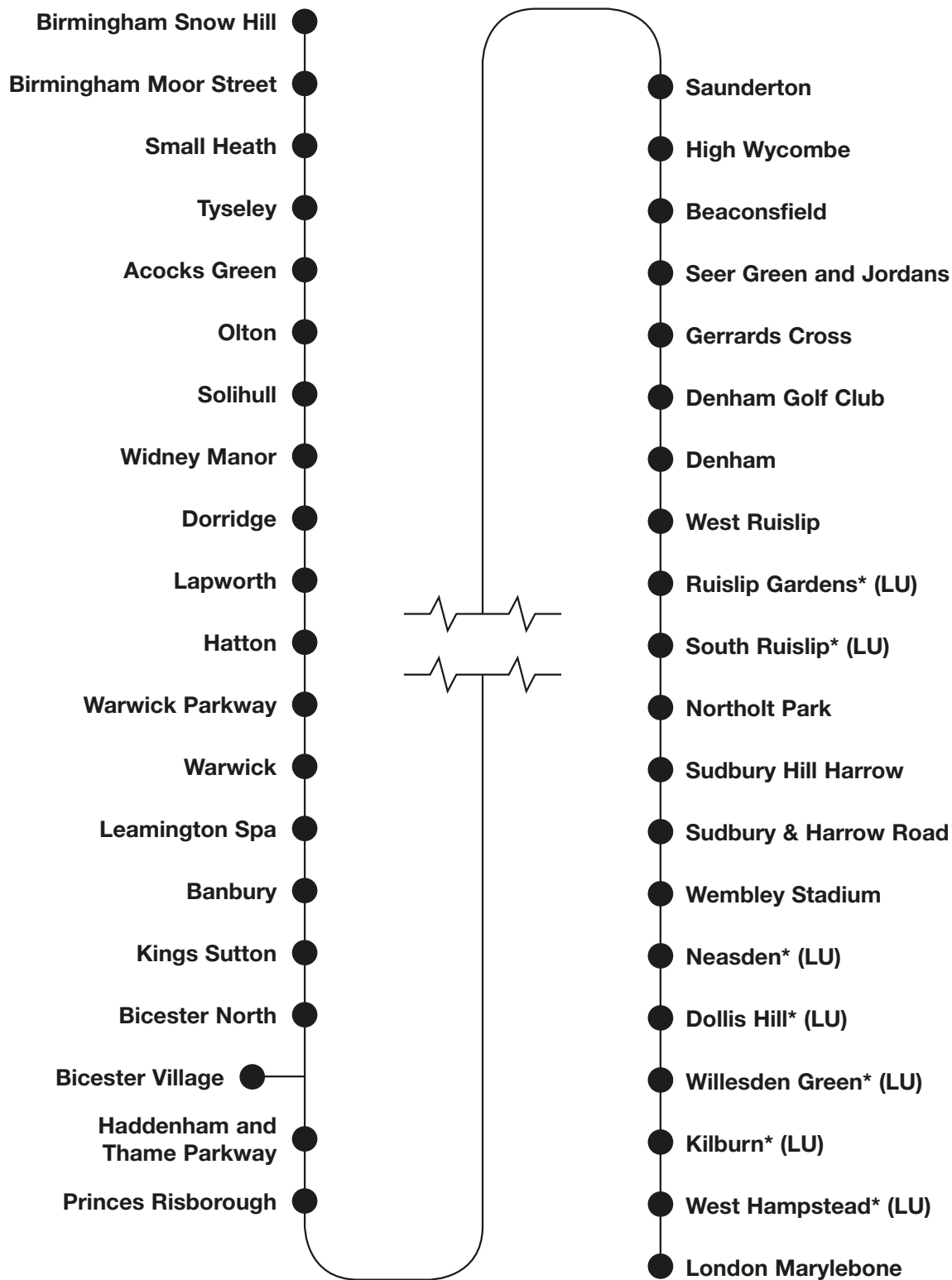
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INTRODUCTION

Set approximately in 2012-2016, the supplied route runs between London Marylebone and Birmingham Snow Hill and is known as the Chiltern Main Line. The line is approximately 112 miles in length.

This Chiltern Main Line software features 40 stations and numerous new custom assets. The route is Quick Drive enabled and comes with 14 Standard and two Free Roam scenarios.



Note: Stations marked with an asterisk are not physically connected to Chiltern Main Line.
(LU) = London Underground

Train Simulator requirements

If you purchased Train Simulator after 20 September 2012 you will require the European Loco & Asset Pack (available to purchase via [Steam](#)) for the route to display correctly.

Some of the scenarios supplied with Chiltern Main Line require rolling stock that is not supplied with this software. Full details of the rolling stock required for each scenario are provided in the [SCENARIOS](#) section of this manual.

Scenery quality and display settings

Various effects and techniques have been used in the modelling of Chiltern Main Line to enhance the realism of the route, including TSX technology for realistic night lighting effects.

Due to the high level of detail provided along the length of the route, it is best to run the route at the highest settings possible, provided your PC is capable; settings can all be accessed via the Settings > Graphics menu in Train Simulator. The route will still run at lower settings, of course, but some of the assets may not be displayed as intended.

2D/3D Track Switcher

We have included a utility with this software which lets you switch between 2D and 3D modelled track. The 3D track is more detailed due to the nature of its construction but may not be suitable for all PC systems.

The track is set to 2D by default, but if you wish to switch to 3D track, follow these instructions:

1. Ensure that Train Simulator is NOT running.
2. Navigate from the Windows Start menu > Just Trains > Chiltern Main Line Track Switcher and launch the Switcher. If you see a Windows User Account Control warning, click on 'Yes'.
3. Select either 2D or 3D Track Mode from the drop-down menu and click on 'Close'.

The changes will appear the next time you run Chiltern Main Line in Train Simulator.

INSTALLATION, UPDATES AND SUPPORT

You can install this add-on as often as you like on the same computer system. To re-download the Chiltern Main Line software:

1. Click on the 'Account' tab on the [Just Trains](#) website.
2. Log in to your account.
3. Click on the 'Your Orders' button.
4. A list of your purchases will appear and you can then re-download the software you require.

Website updates

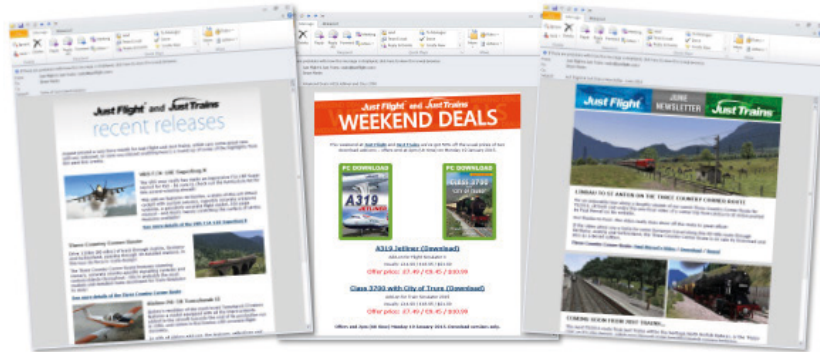
Please check the [Just Trains](#) website for any news or updates for this Chiltern Main Line add-on and for our other products.

Technical Support

To obtain technical support (in English) please visit the [Customer Service](#) section on the Just Trains website. As a Just Trains customer you can obtain free technical support for any Just Trains or Just Flight product.

Regular news

To get the latest news about Just Trains products, sign up for our [Newsletter](#) and regular emails. You can also keep up to date with Just Trains via [Facebook](#) and [Twitter](#).



Uninstalling the software

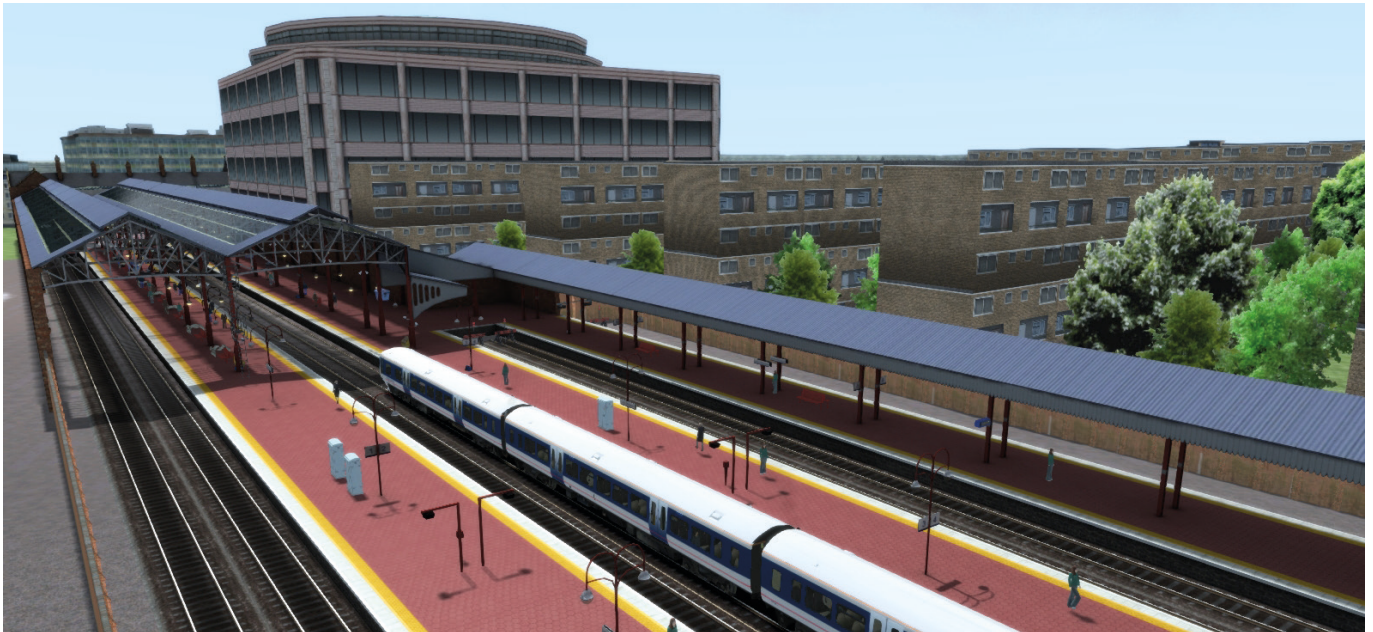
To uninstall this software from your system:

1. Go to the Windows Start menu and select 'Control Panel' (if you are in Windows Classic view, Control Panel will be found under 'Settings').
2. Double-click on the item 'Add or Remove Programs' (Windows XP) or 'Programs and Features' (Windows Vista or 7). In Windows 8 and 10 move your mouse to the bottom left corner, right-click with your mouse, then left-click on the 'Programs and Features' menu that appears.
3. Select the program you want to uninstall from the list provided and click the 'Uninstall' option.
4. Follow the on-screen instructions to uninstall the program.

Uninstalling or deleting this software in any other way may cause problems when using this program in the future or with your Windows set-up.

STATIONS

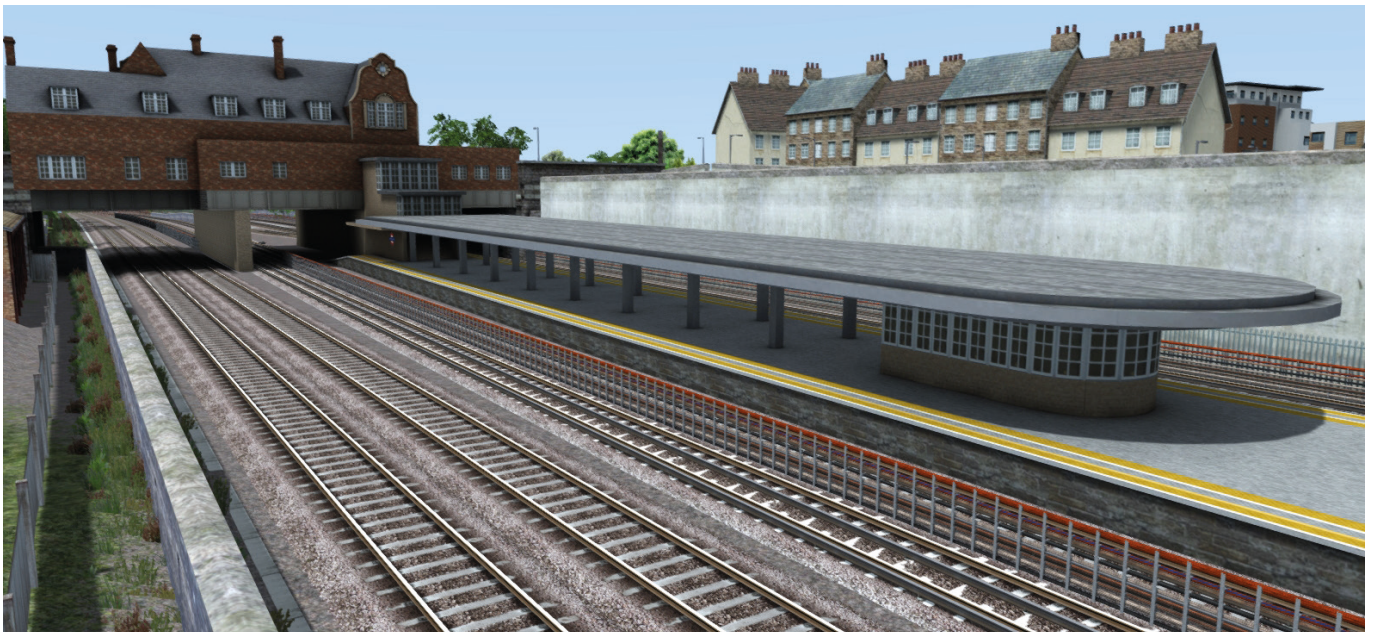
London Marylebone



Opened 1899

Passengers 2014-15: 15.9 million

West Hampstead (London Underground)

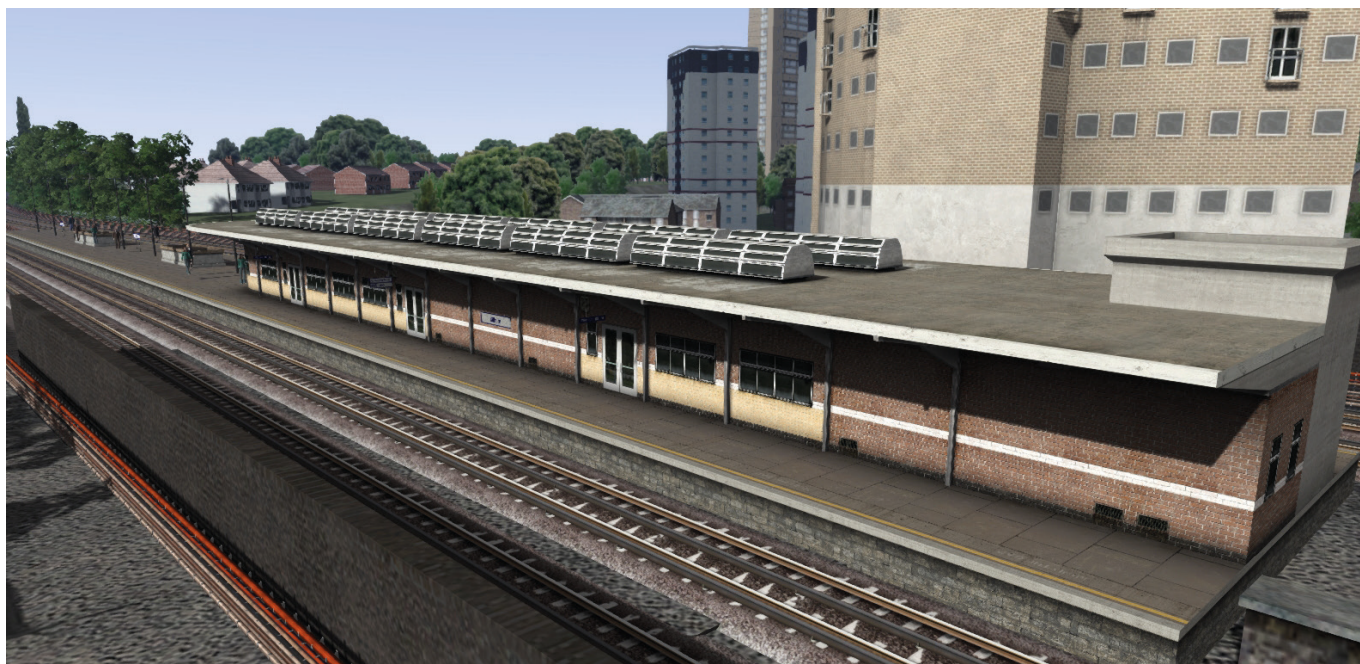


This station is not physically connected to Chiltern Main Line.

Opened 1888

Passengers 2015-16: 4.8 million

Kilburn (London Underground)



This station is not physically connected to Chiltern Main Line.

Opened 1879

Passengers 2015: 8.2 million

Willesden Green (London Underground)

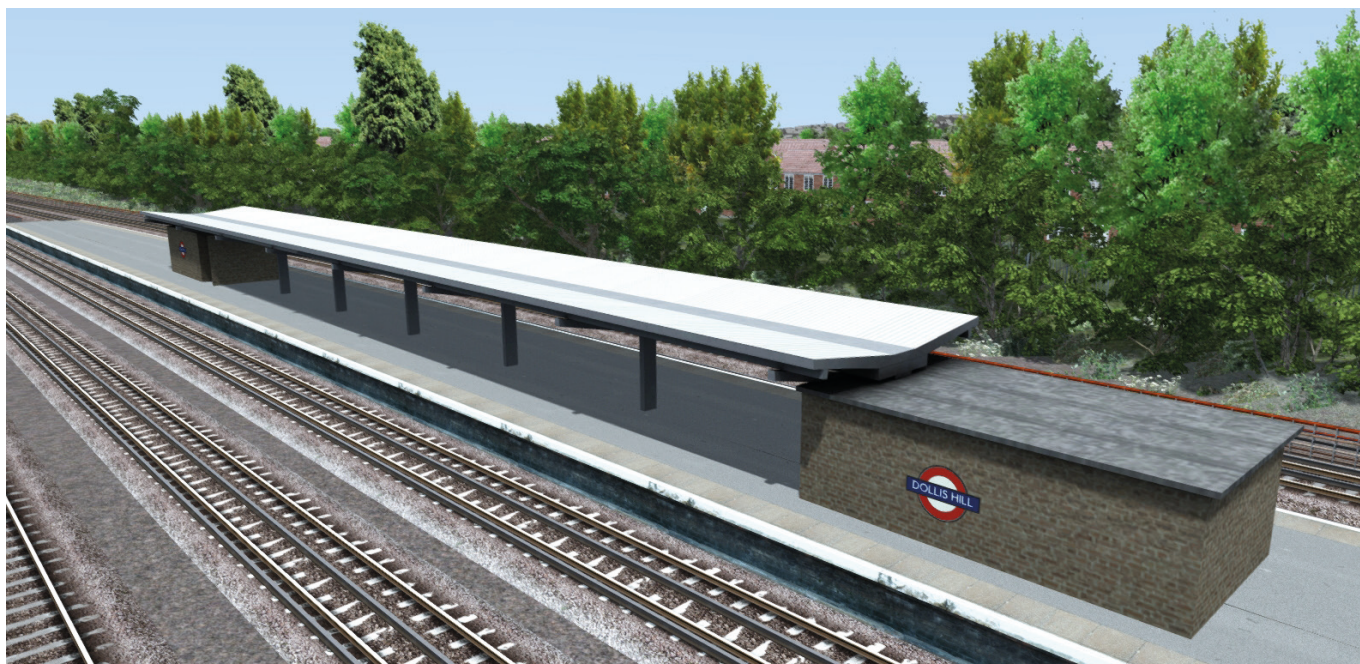


This station is not physically connected to Chiltern Main Line.

Opened 1879

Passengers 2015: 8.9 million

Dollis Hill (London Underground)



This station is not physically connected to Chiltern Main Line.

Opened 1909

Passengers 2015: 3.1 million

Neasden (London Underground)

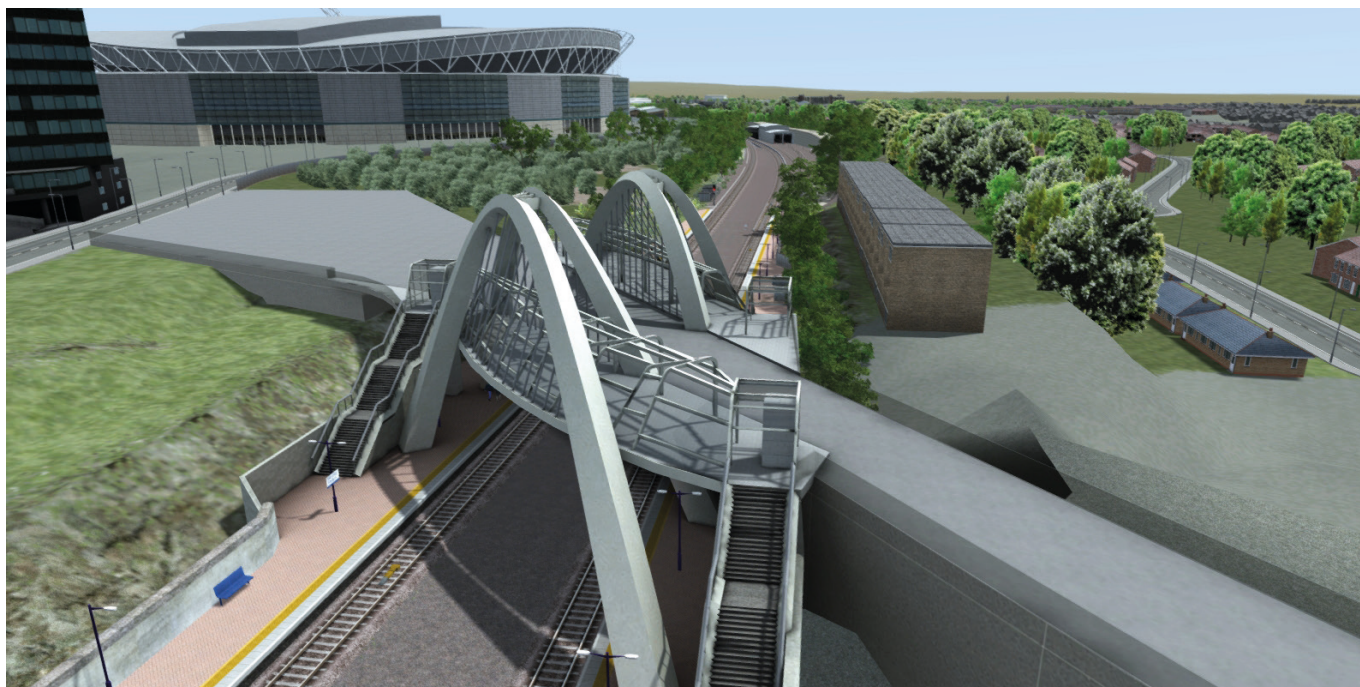


This station is not physically connected to Chiltern Main Line.

Opened 1880

Passengers 2015: 3.7 million

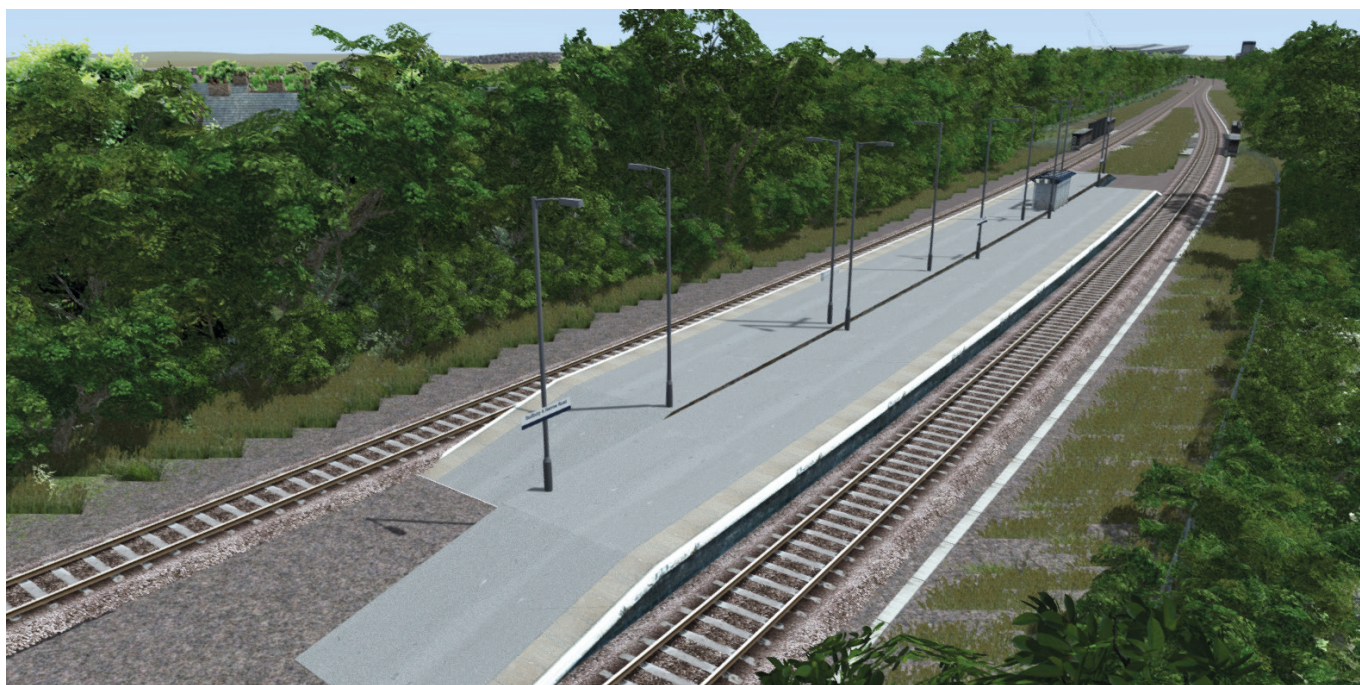
Wembley Stadium



Opened 1905

Passengers 2015-16: 0.73 million

Sudbury & Harrow Road



Opened 1905

Passengers 2015-16: 30,600

Sudbury Hill Harrow



Opened 1905

Passengers 2015-16: 70,500

Northolt Park



Opened 1926

Passengers 2015-16: 0.26 million

South Ruislip (London Underground)



This station is not physically connected to Chiltern Main Line.

Opened 1908

Passengers 2015-16: 0.234 million

Ruislip Gardens (London Underground)

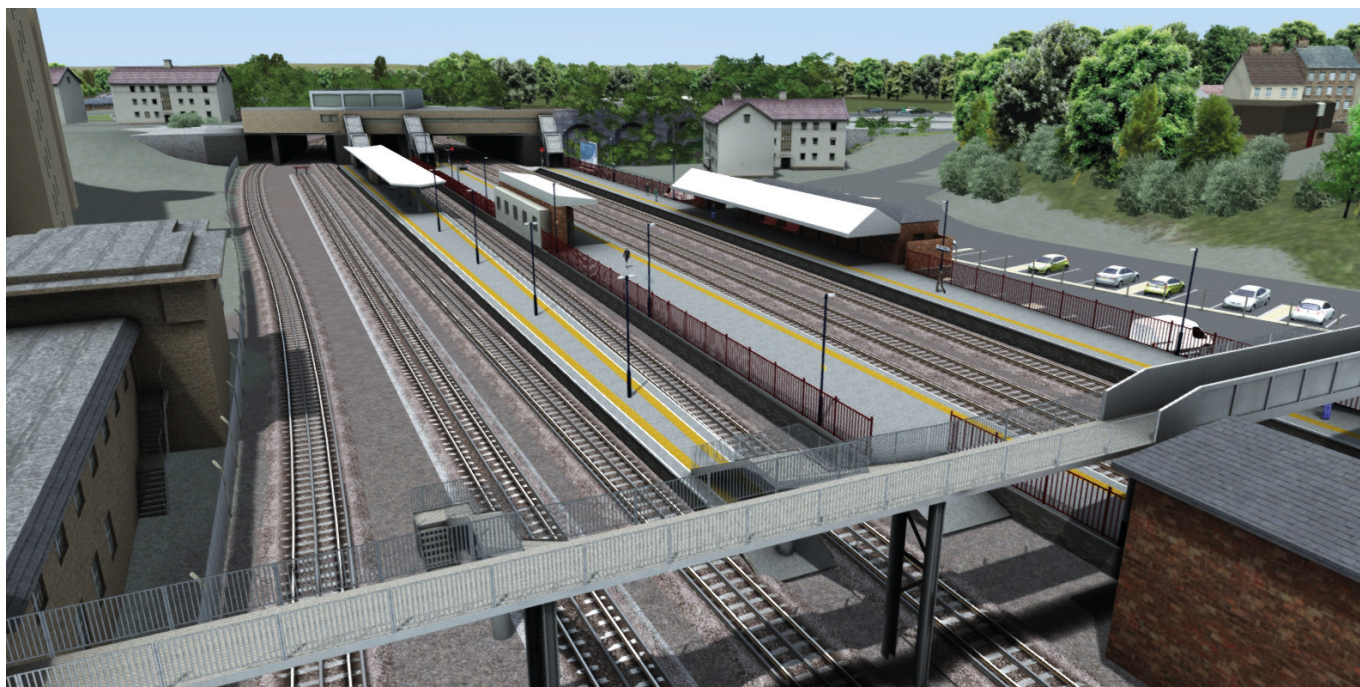


This station is not physically connected to Chiltern Main Line.

Opened 1934

Passengers 2015: 1.1 million

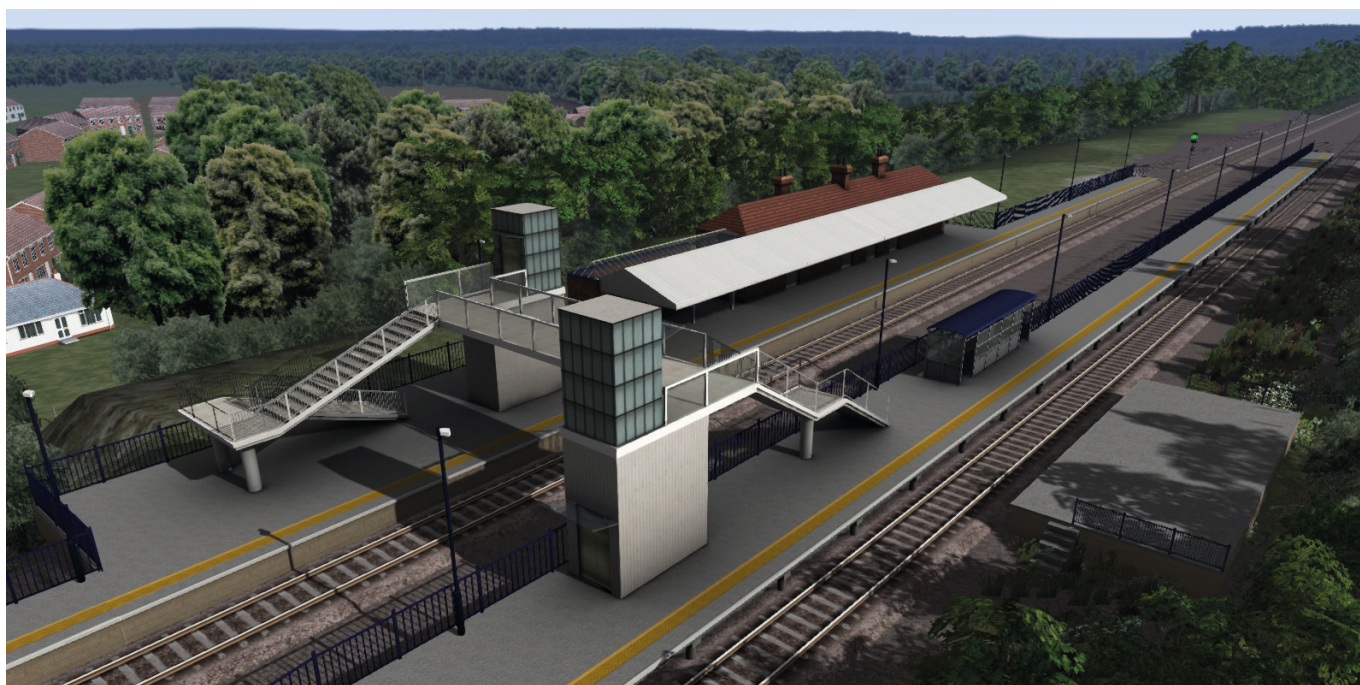
West Ruislip



Opened 1906

Passengers 2015-16: 0.191 million

Denham



Opened 1906

Passengers 2015-16: 0.315 million

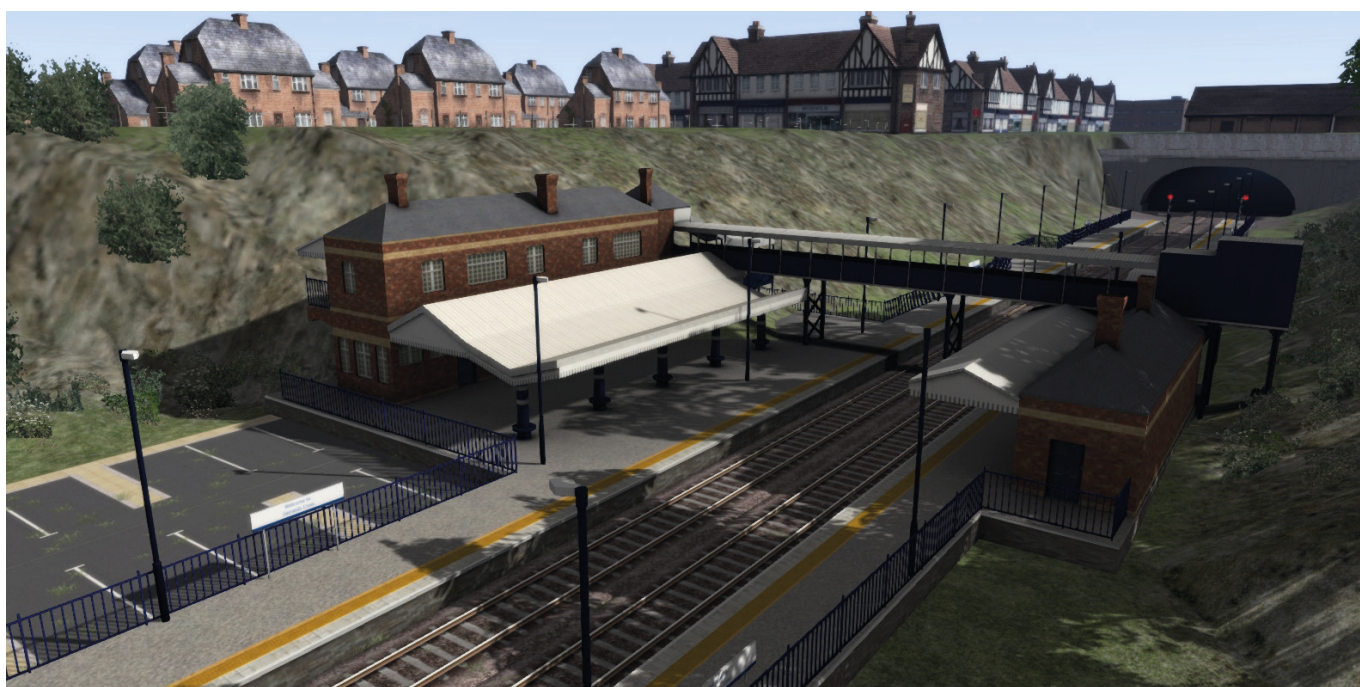
Denham Golf Club



Opened 1912

Passengers 2015-16: 21,000

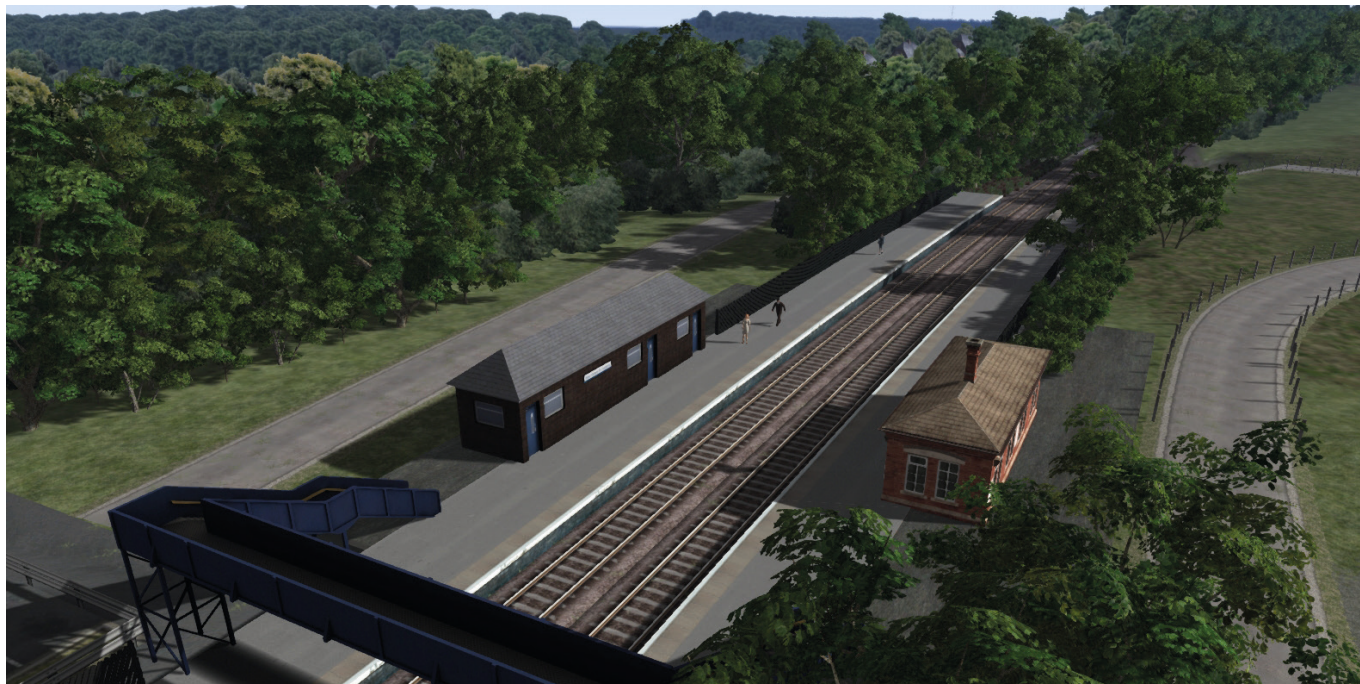
Gerrards Cross



Opened 1906

Passengers 2015-16: 1.46 million

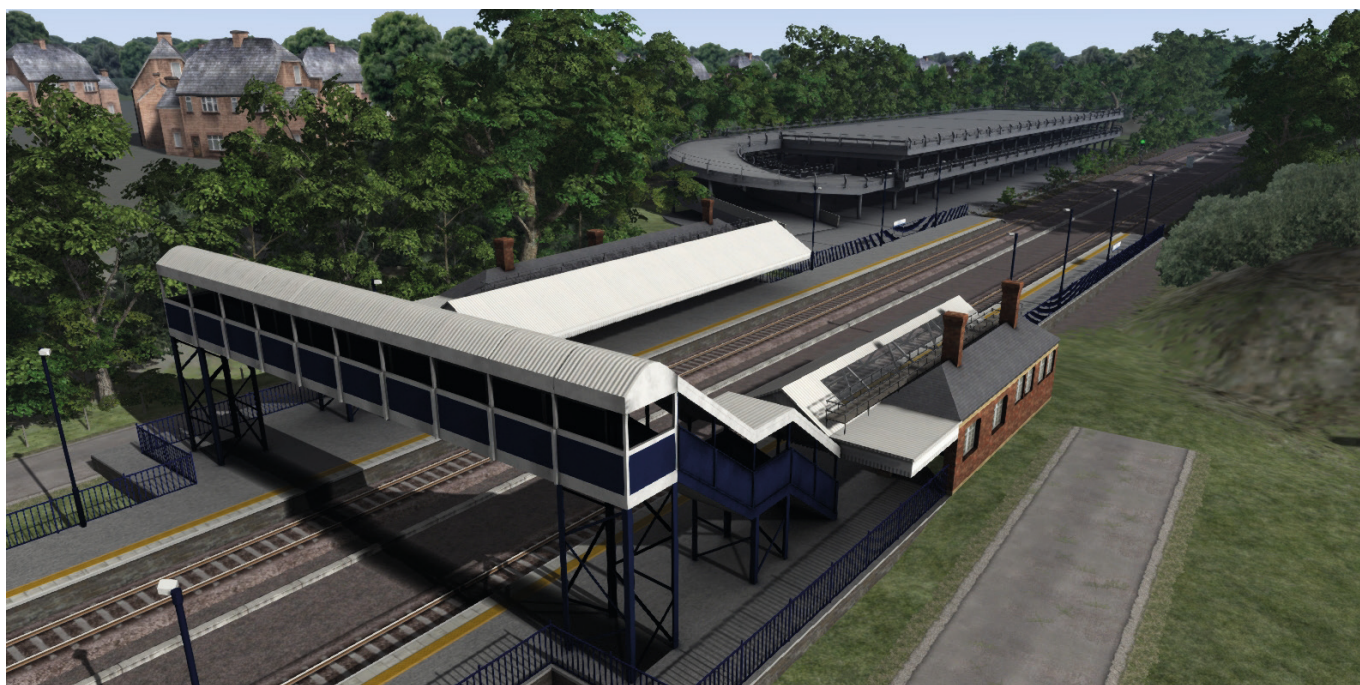
Seer Green and Jordans



Opened 1914

Passengers 2015-16: 0.148 million

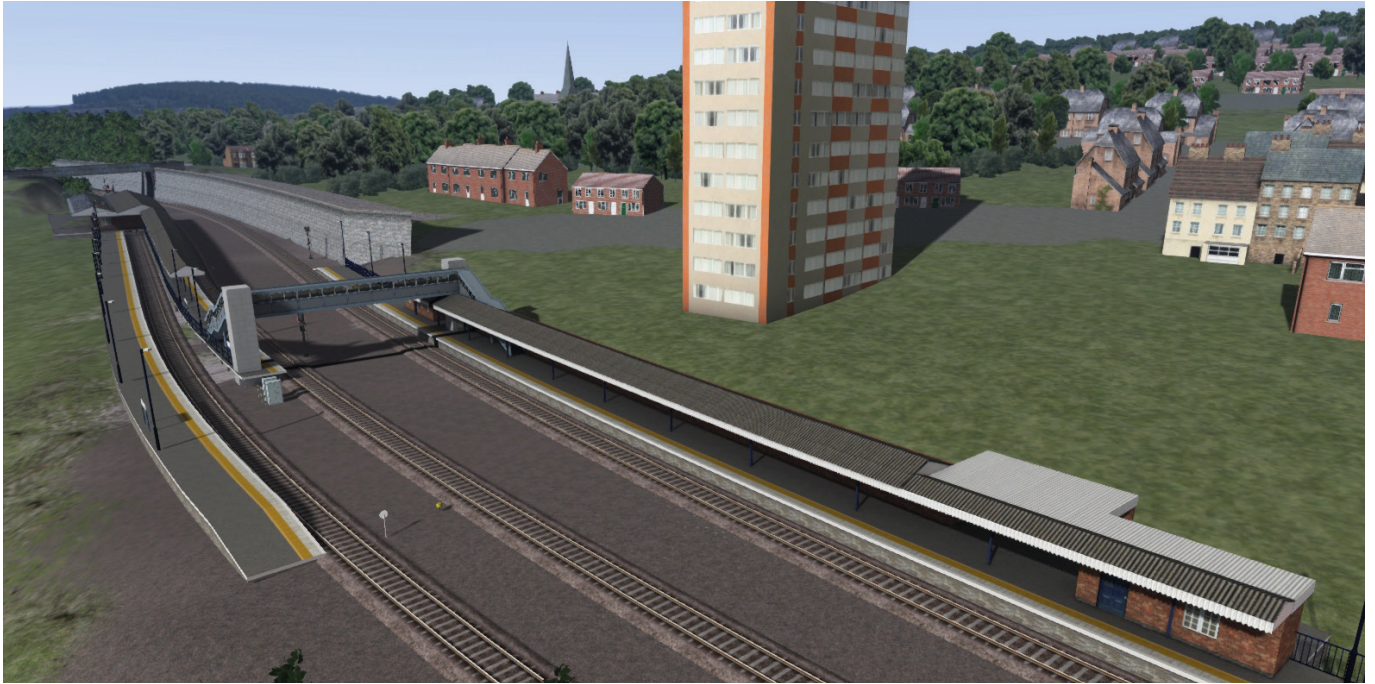
Beaconsfield



Opened 1906

Passengers 2015-16: 1.57 million

High Wycombe



Opened 1854

Passengers 2015-16: 2.81 million

Saunderton



Opened 1901

Passengers 2015-16: 62,700

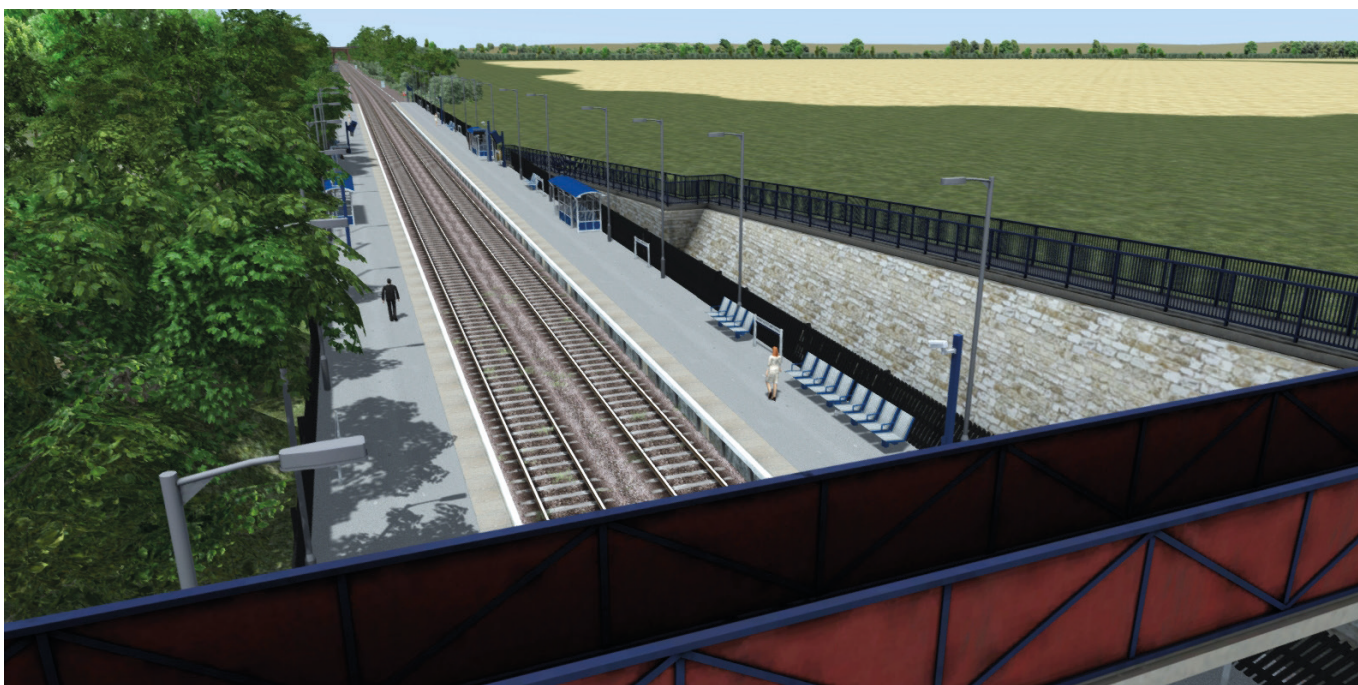
Princes Risborough



Opened 1862

Passengers 2015-16: 0.582 million

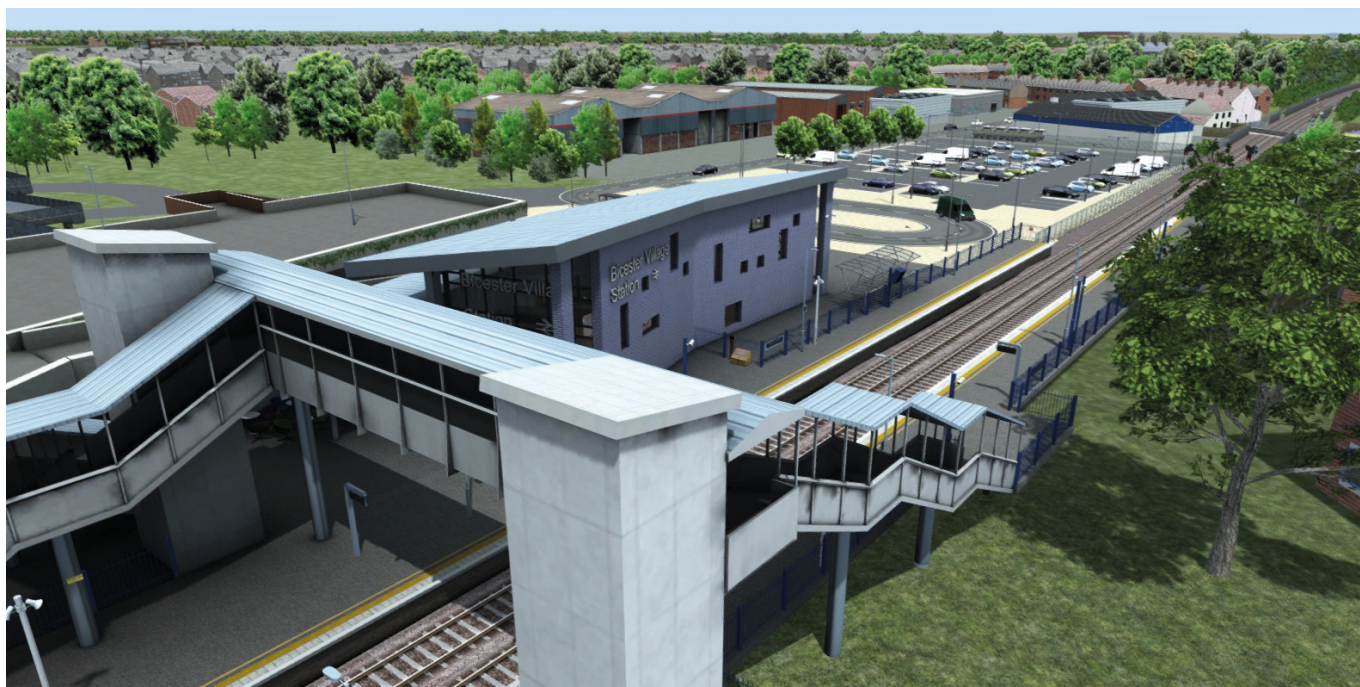
Haddenham and Thame Parkway



Opened 1987

Passengers 2015-16: 0.804 million

Bicester Village



Opened 2015

Passengers 2015-16: 0.413 million

Bicester North



Opened 1910

Passengers 2015-16: 1.417 million

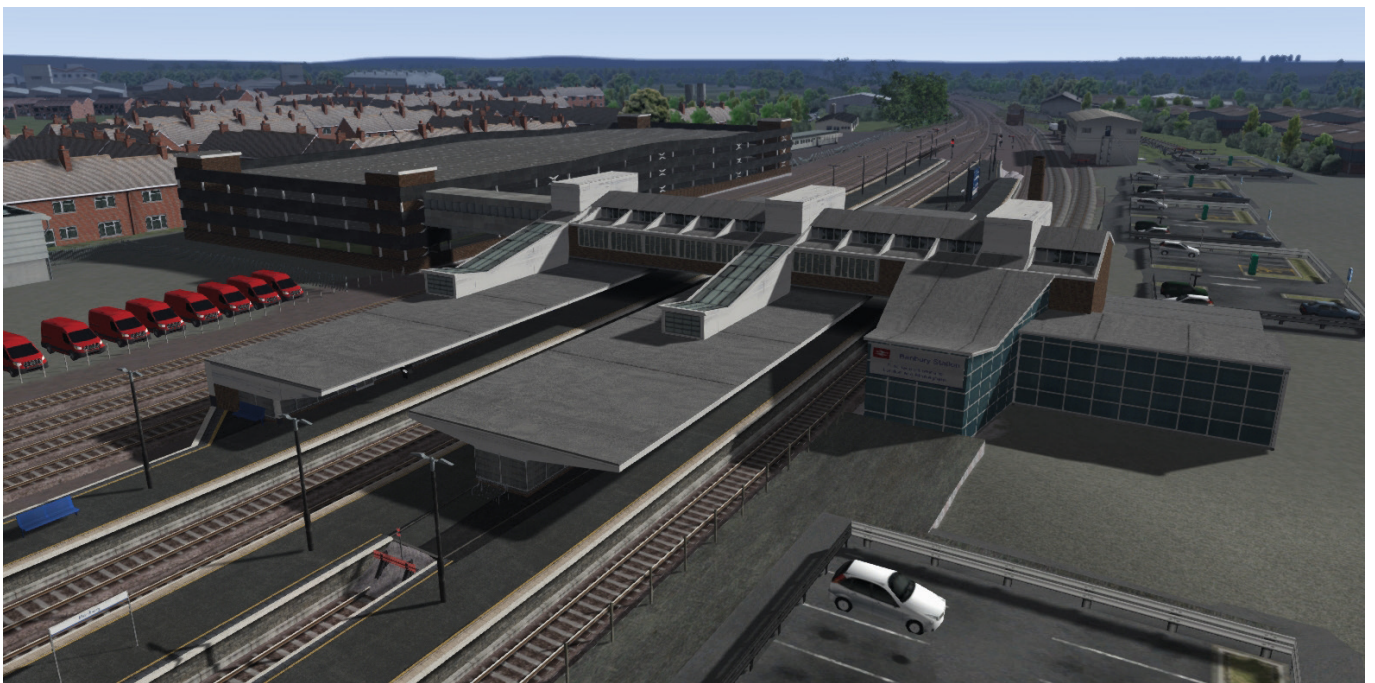
Kings Sutton



Opened 1872

Passengers 2015-16: 70,644

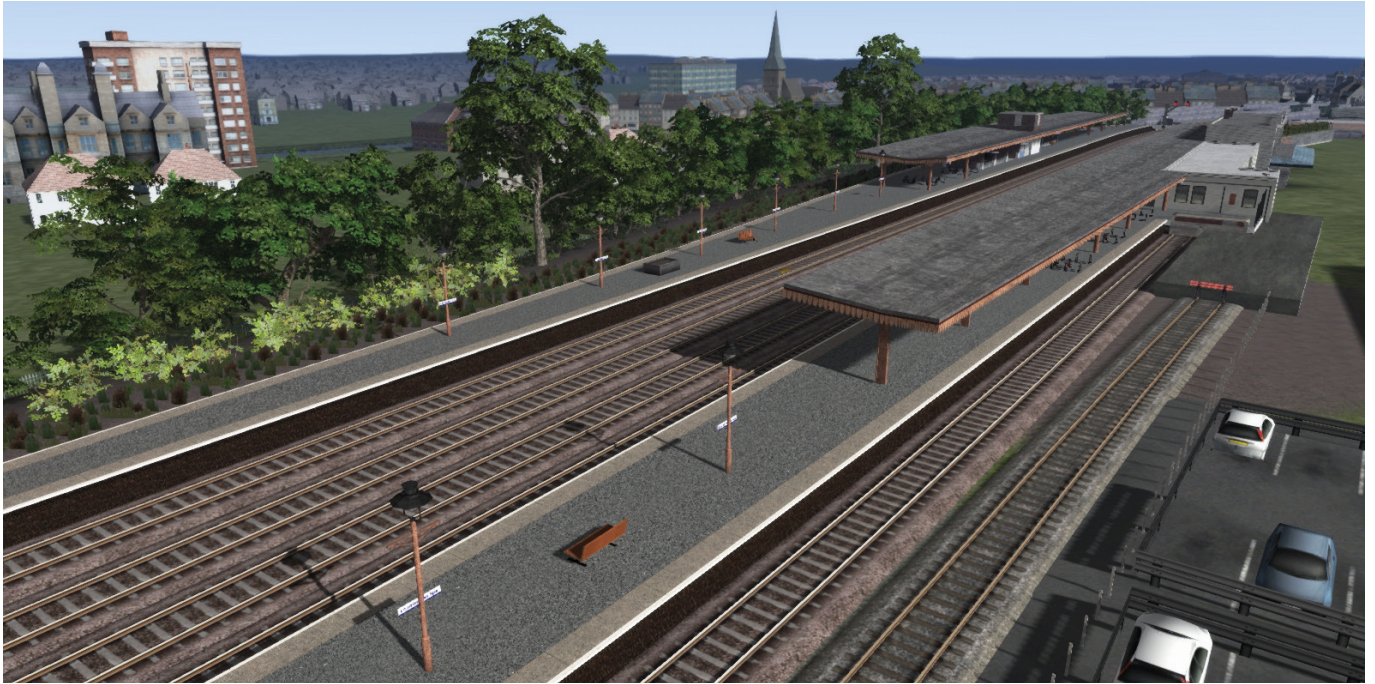
Banbury



Opened 1850

Passengers 2015-16: 2.43 million

Leamington Spa



Opened 1852

Passengers 2015-16: 2.43 million

Warwick



Opened 1852

Passengers 2015-16: 0.568 million

Warwick Parkway



Opened 2000

Passengers 2015-16: 0.632 million

Hatton



Opened 1852

Passengers 2015-16: 43,800

Lapworth



Opened 1854

Passengers 2015-16: 35,600

Dorridge



Opened 1852

Passengers 2015-16: 0.7 million

Widney Manor



Opened 1899

Passengers 2015-16: 0.374 million

Solihull



Opened 1852

Passengers 2015-16: 1.834 million

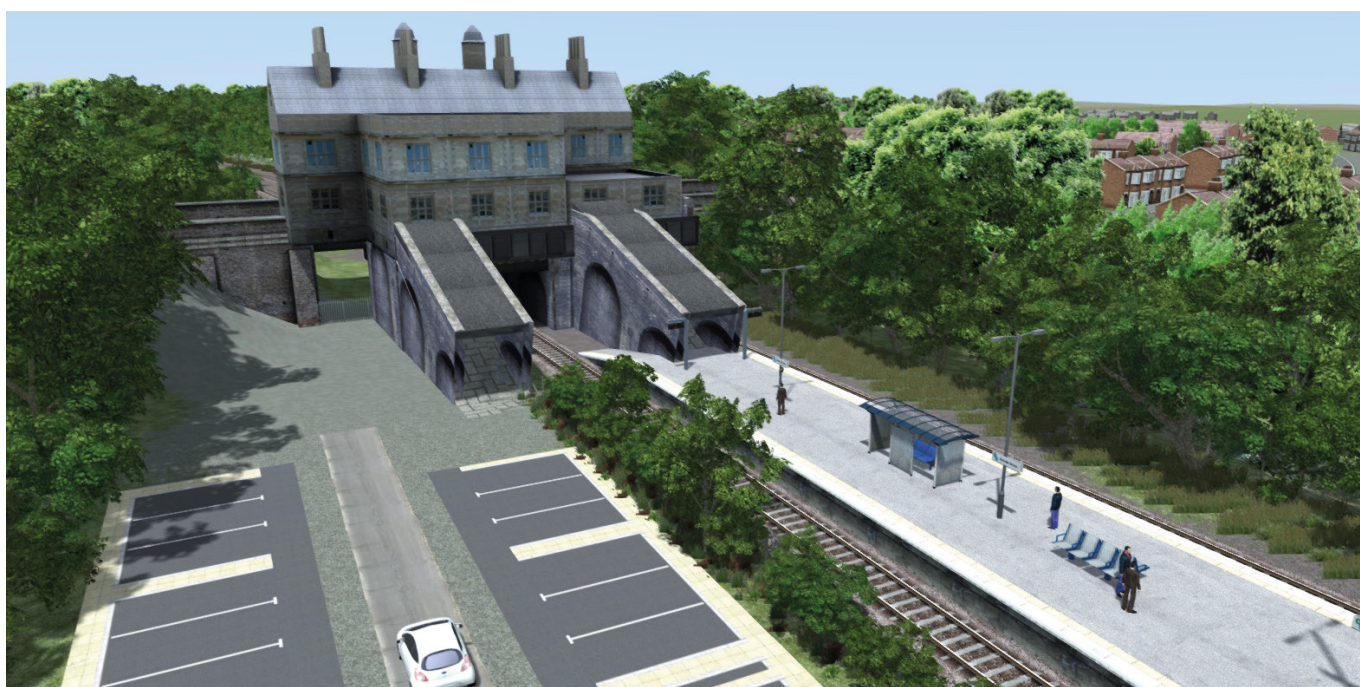
Olton



Opened 1869

Passengers 2015-16: 0.461 million

Acocks Green



Opened 1852

Passengers 2015-16: 0.45 million

Tyseley



Opened 1906

Passengers 2015-16: 209,400

Small Heath



Opened 1863

Passengers 2015-16: 128,300

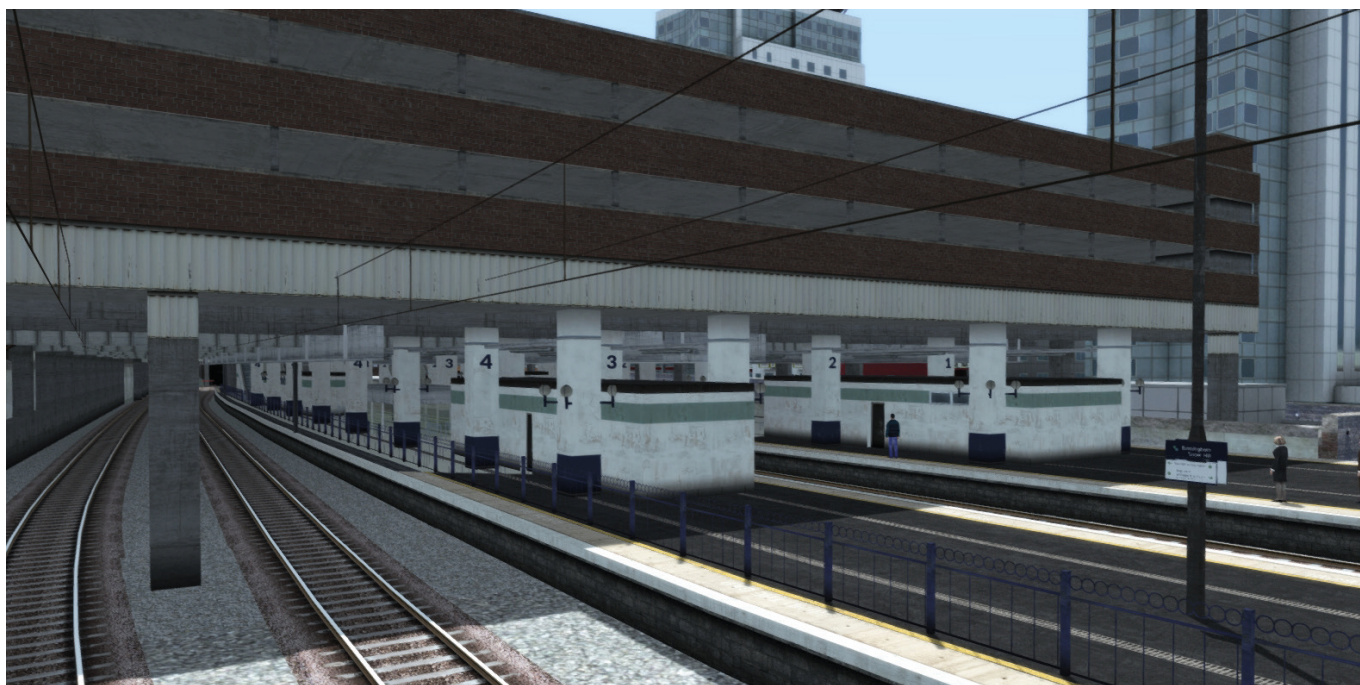
Birmingham Moor Street



Opened 1909

Passengers 2015-16: 6.874 million

Birmingham Snow Hill



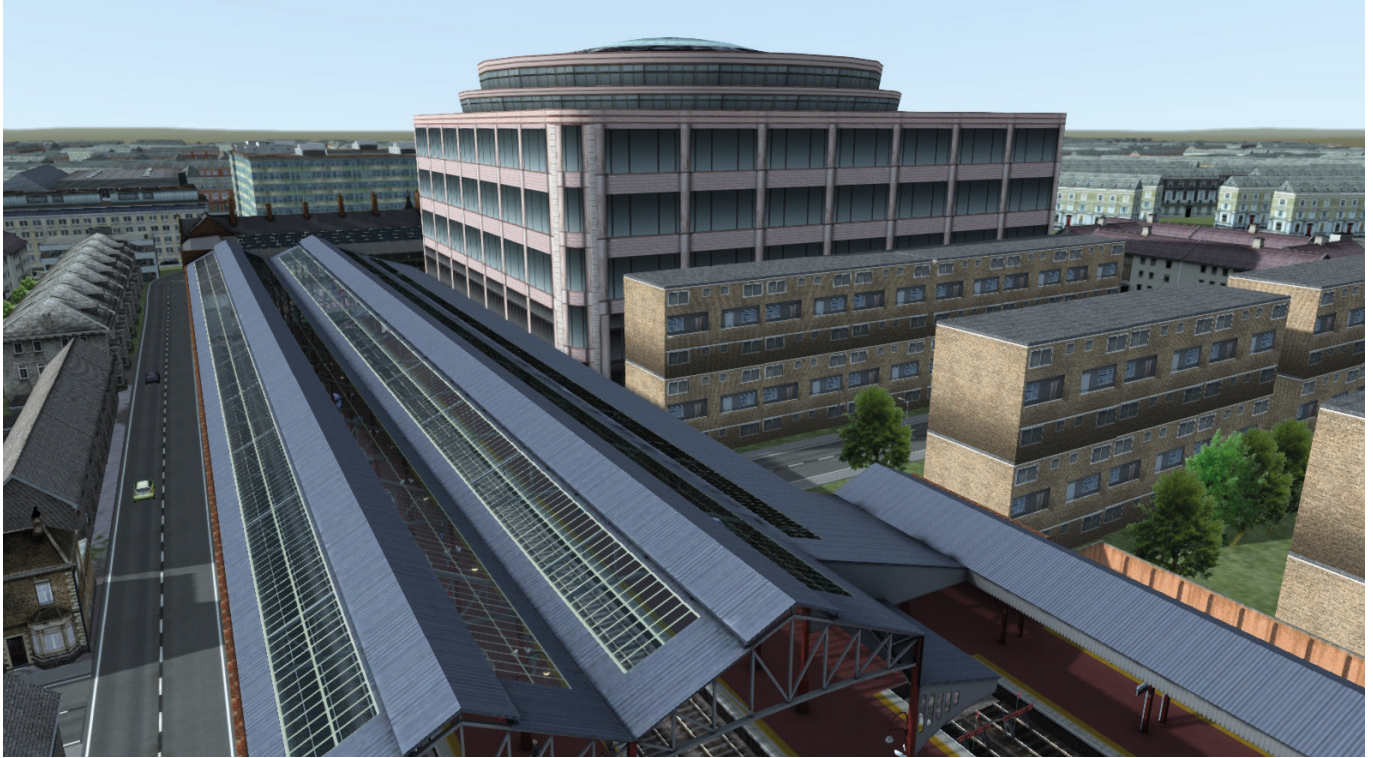
Opened 1852

Passengers 2015-16: 4.713 million

FEATURES TO LOOK OUT FOR ON THE ROUTE

Numerous landmark buildings and other features of interest have been modelled along the length of the Chiltern Main Line route – these are just a few of them, in the order you'd see them when driving from London to Birmingham.

BNP Paribas building



Situated on the western side of Marylebone station, this is the London office of the BNP Paribas international banking group.

Marylebone tunnel southern entrance/exit



This is located just to the north of Marylebone station. The tunnel itself curves around to the west and exits in a north-westerly direction just before West Hampstead Underground station.

Marylebone tunnel northern entrance/exit



This is the northern entrance/exit of the tunnel.

London Underground



The route runs beside the Jubilee and Metropolitan London Underground (LU) lines between Finchley Road and Neasden LU stations. You can see the typical LU cabling that runs along the side of the third rail tracks. Also included is LU S8 stock that is designed to be used as AI (Artificial intelligence) stock; the S8 can be driven, but it has no cab or passenger views and the controls are via the default [F4] HUD.

Brent Central Mosque



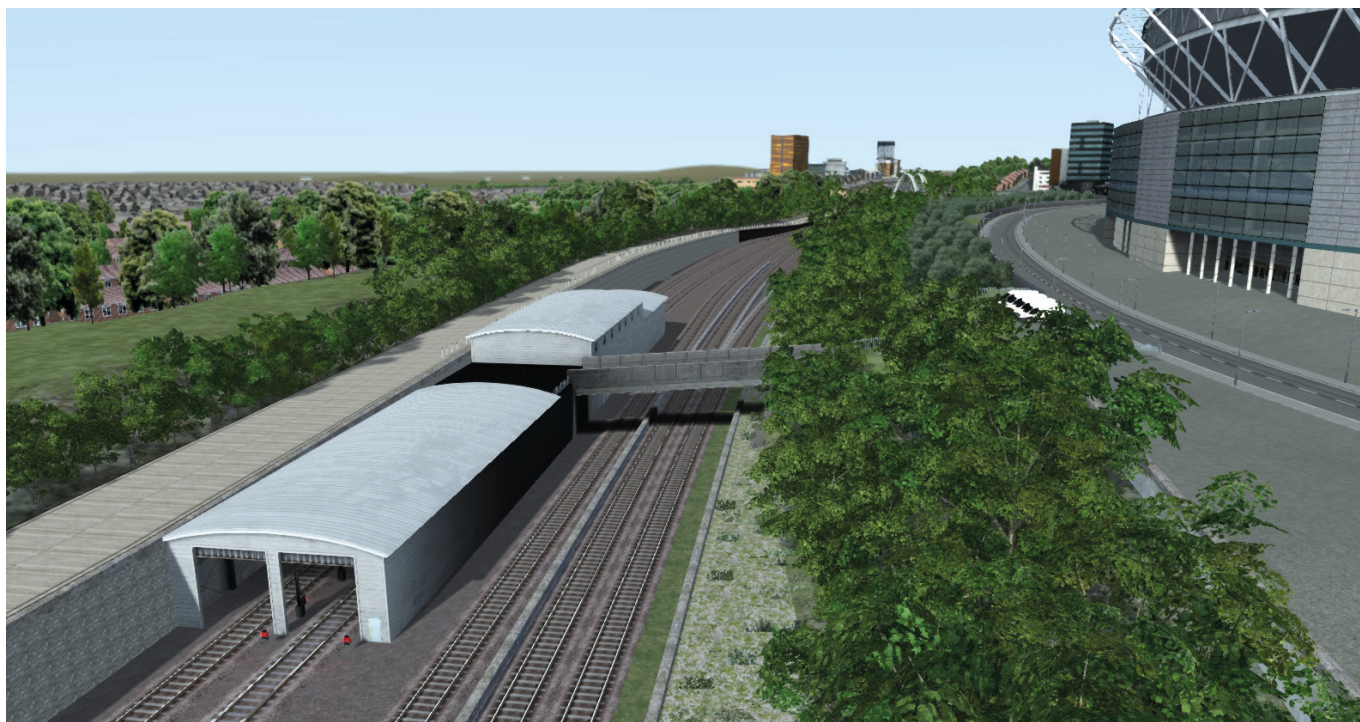
This is situated to the north of the route.

Neasden Rail Depot



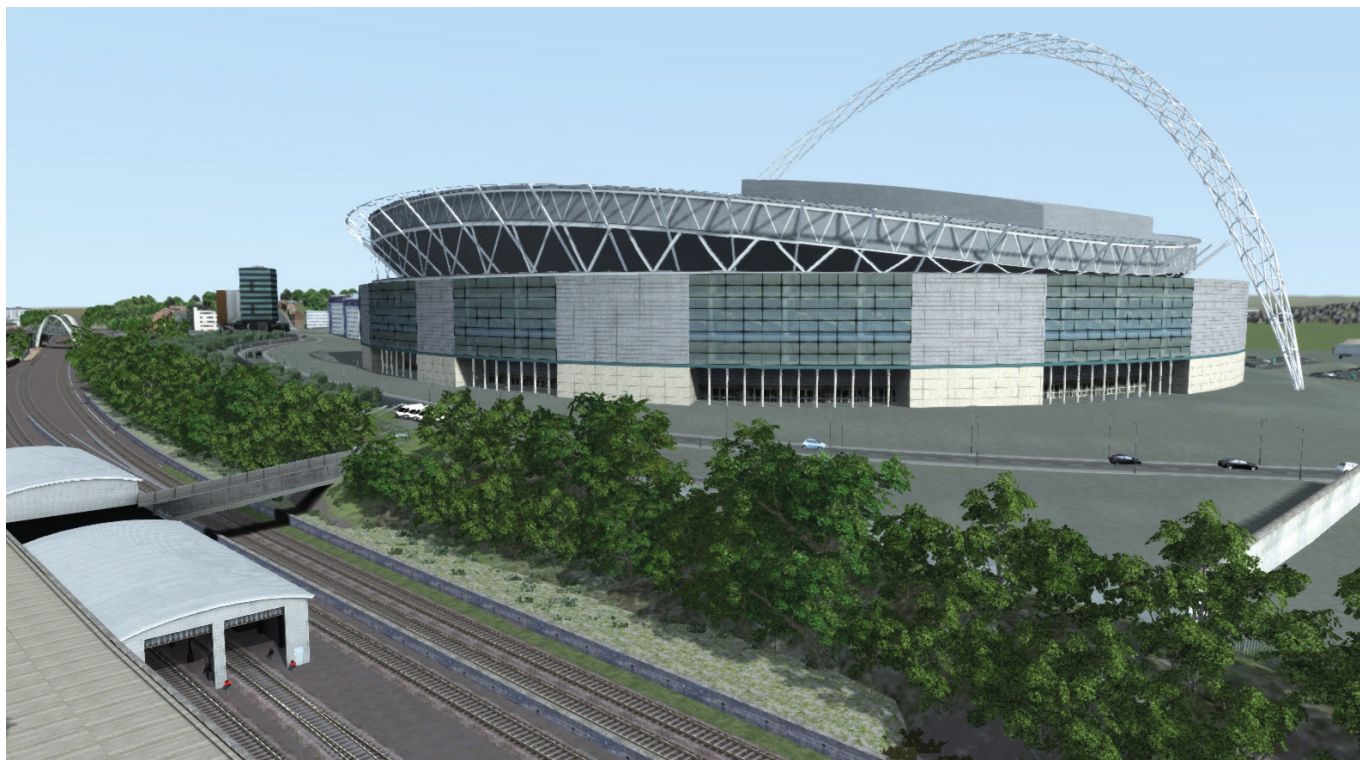
This London Underground railway depot on the Metropolitan line, which is also called Neasden Works, is the largest depot on the London Underground and maintains the LU S stock.

Wembley Light Maintenance Depot



This is situated opposite Wembley Stadium and is used by Chiltern Railways for storing trains, cleaning, refuelling and light maintenance.

Wembley Stadium



The current Wembley Stadium stands on the location of the previous building with its famous twin towers. This latest version was opened in 2007 and has the distinctive girder arch.

Victoria Road Waste Transfer Station



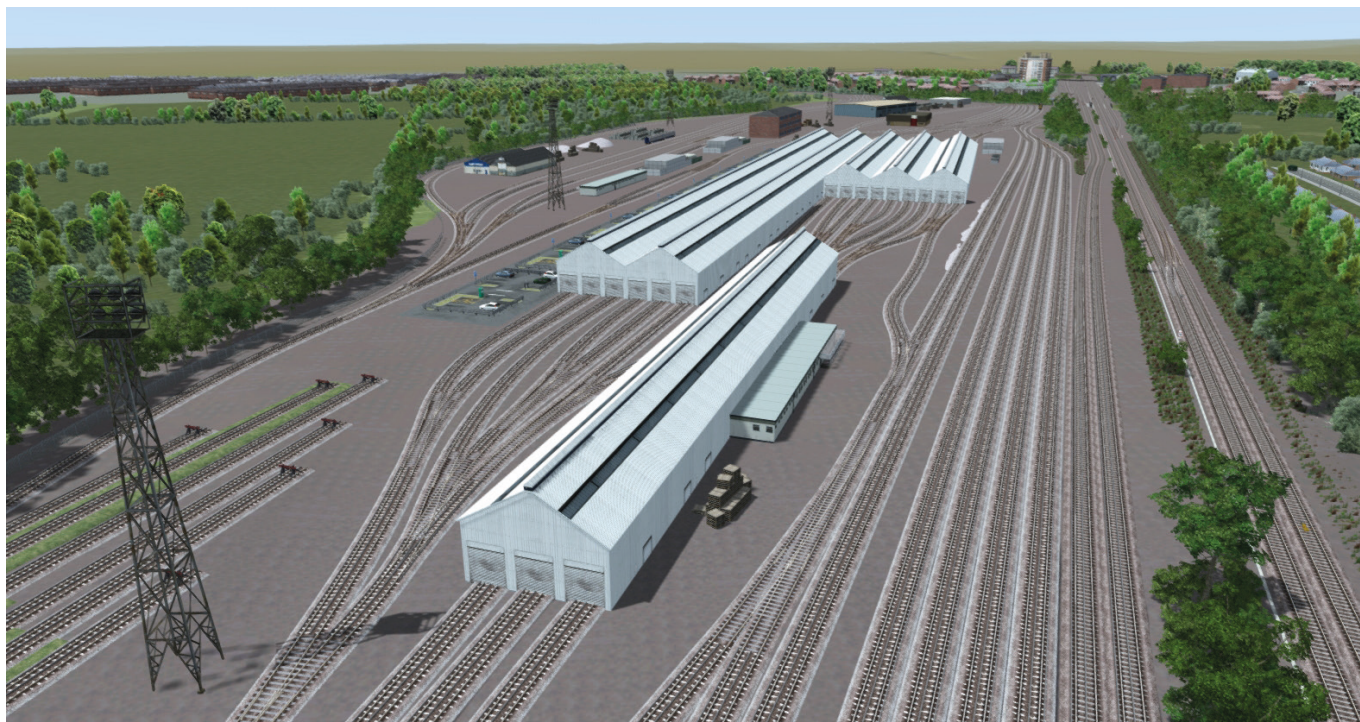
Situated on an 'island' between the Chiltern Line tracks to its north and London Underground to the south, the Victoria Road transfer station handles over 150,000 tonnes of waste each year. Waste collected from homes is delivered to the site and leaves on trains heading to a landfill site in Lincolnshire.

The transfer station was opened in 1980 and Victoria Road is one of only three transfer stations in London with a rail siding to allow waste to be taken away.

After the vehicle carrying the waste is weighed, the contents are tipped into bunkers and then craned into compacting equipment. The waste is compacted in the containers and the container is then placed on the train.

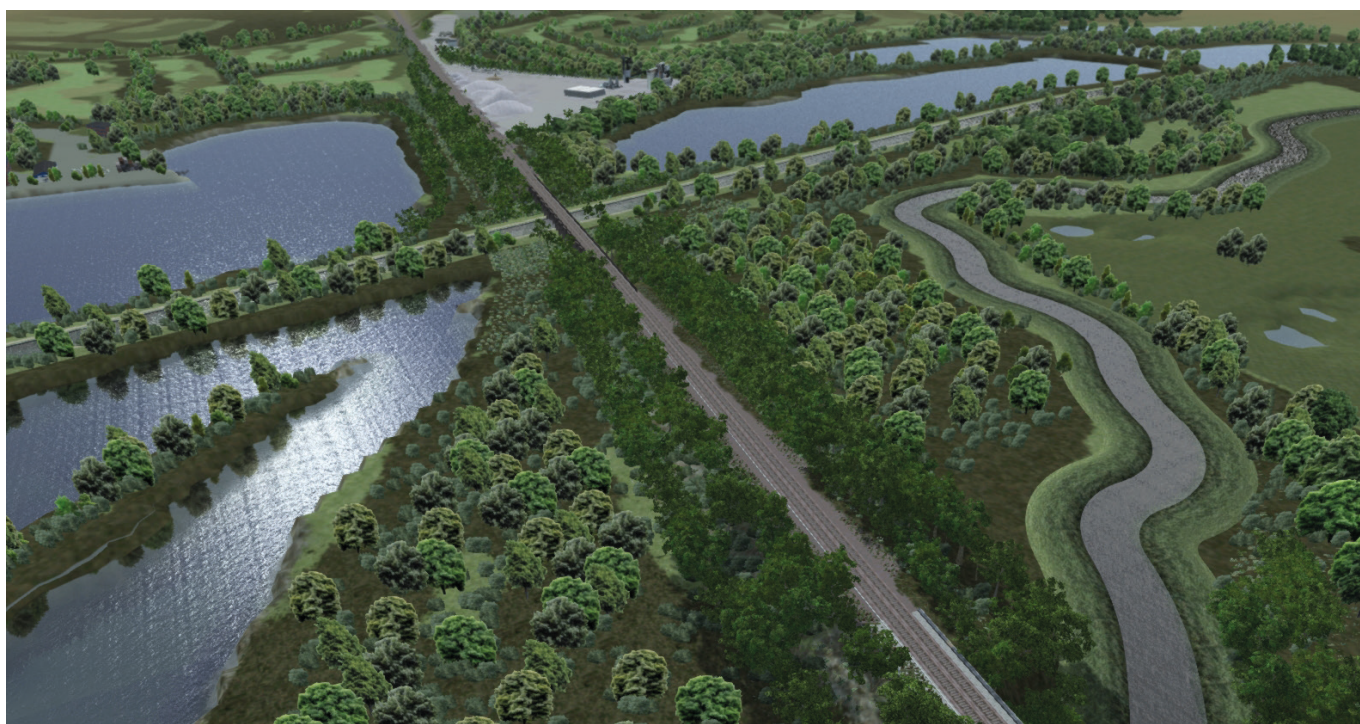
Trains transporting waste leave the site up to four times a week. Each train is one third of a mile long and carries nearly 1,000 tonnes of waste.

Ruislip London Underground Depot



This traction maintenance depot on the London Underground Central line is situated on the southern side of the Chiltern Line. During WWII anti-aircraft guns were made at Ruislip Depot.

Denham Country Park



Denham Country Park is comprised of 69 acres of parkland to the east of Denham Station. This popular recreation area for families includes a local nature reserve.

Gerrards Cross tunnel



Interestingly, the purpose of this tunnel was not to carry a road, waterway, footpath or another railway over the Chiltern Line. It was built purely to allow a superstore to be built above the railway in that location! This plan was initially met with anger by local residents and the council refused planning permission, but the decision was overturned by the national government.

The tunnel partially collapsed in June 2005, during its construction. Fortunately no one was injured in the incident, although a train heading towards the tunnel when it collapsed had to perform an emergency stop. The Chiltern Line was completely blocked and considerable disruption ensued, but Chiltern continued to serve London and the Midlands by using the line that runs between Princes Risborough and Aylesbury as a diversion around the blocked section of track.

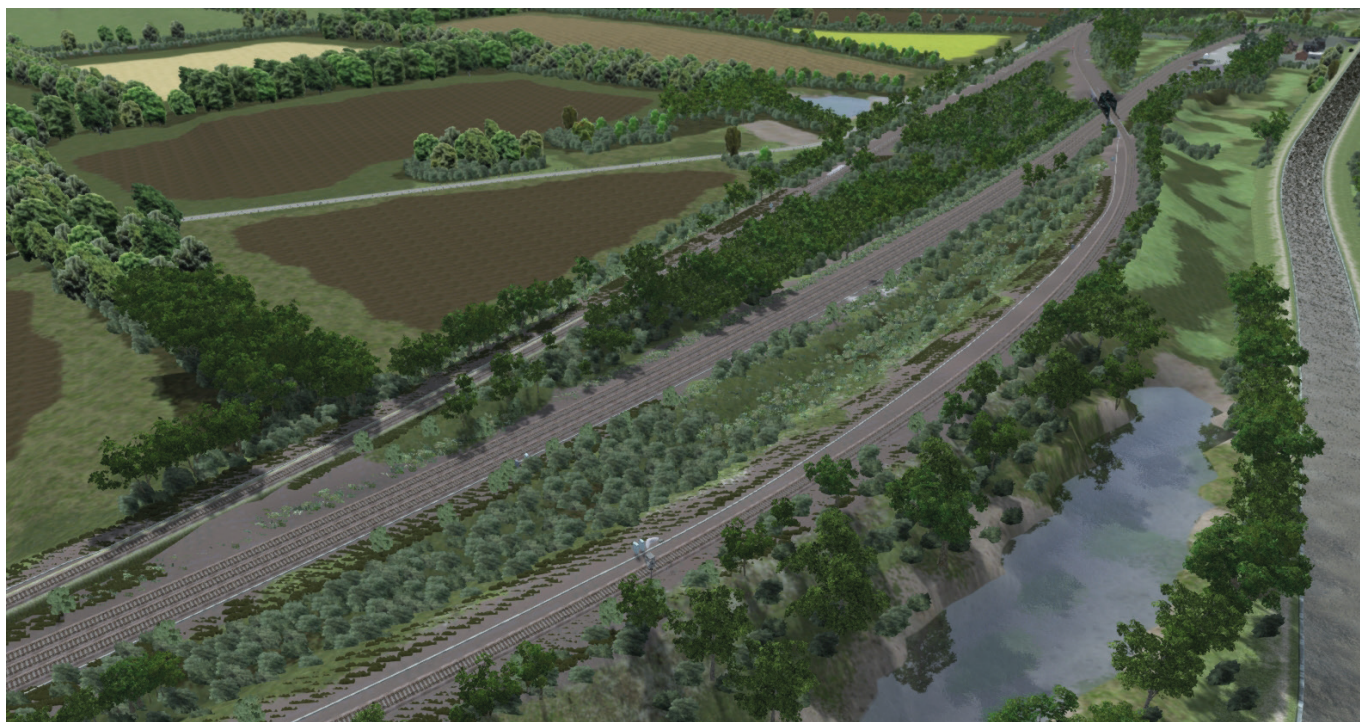
Despite this incident, construction continued and the store opened in November 2010, fourteen years after the project was commissioned.

Bicester chord



This chord joins the newly updated and dualled Oxford-Bicester line to the Chiltern Main Line, although trains coming from Oxford can only head towards London. The chord was opened in October 2015.

Aynho Junction



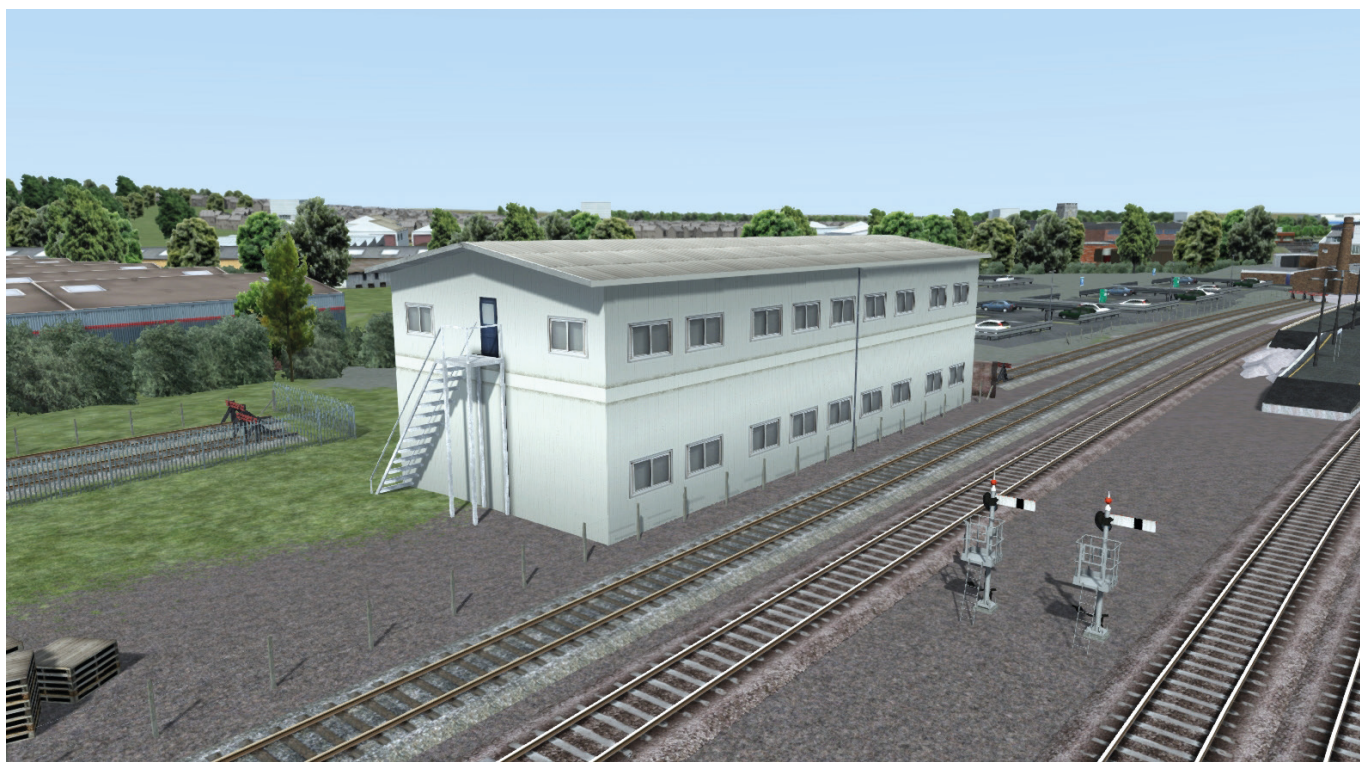
This is the point where the line coming from Didcot and Oxford in the south joins the Chiltern Line in a complex junction.

Banbury South signal box



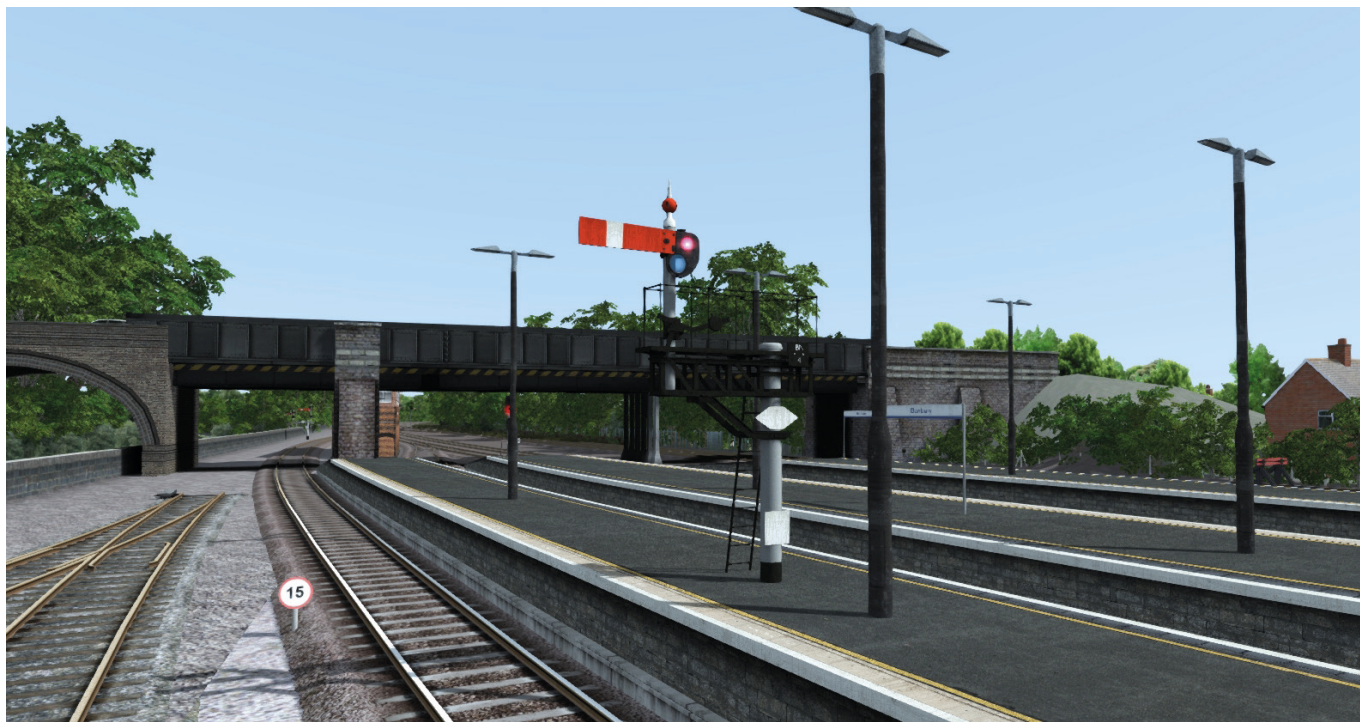
The signal box is situated to the south of Banbury station.

Network Rail Training Facility – Banbury



A staff training location for Network Rail.

Semaphore signals – Banbury



Although they are very much a rarity across the rail network these days, Banbury retained some semaphore signals during the period in which this software is set.

Banbury North signal box



The signal box is situated to the north of Banbury station.

Breedon Concrete plant/terminal



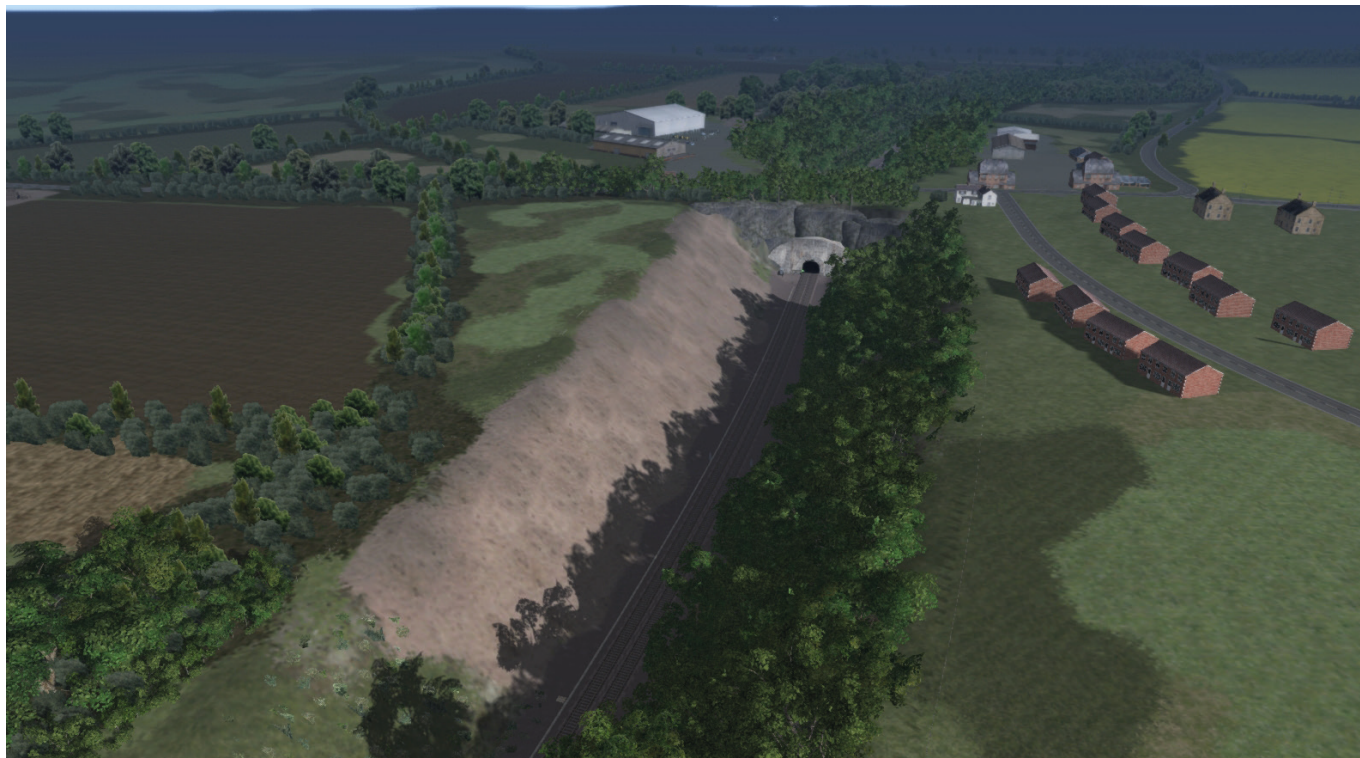
Concrete depot and terminal with rail siding.

MOD Kineton Junction



This is the junction that leads to the MOD Kineton depot, a munitions storage location. (The depot is not depicted in Chiltern Main Line.)

Harbury tunnel and cutting



Harbury tunnel and its associated cuttings are located to the south of Leamington Spa.

On 31 January 2015 there was a 350,000 tonne landslip of 150 metres in length in the northern cutting which closed the line totally. It was to stay closed for six weeks whilst the slip material was removed and the cutting modified and stabilised. It was reopened on 13 March, three weeks earlier than expected.

The route carries more than 50 freight trains and 80 passenger trains every day. Passengers were bussed past the affected area to the next station and freight trains had to use another route.

Harbury cutting, at over 34 metres deep, was the largest man-made cutting in the world that was dug entirely by hand through Blue Lias clay. It was completed in 1852.

Leamington Spa station



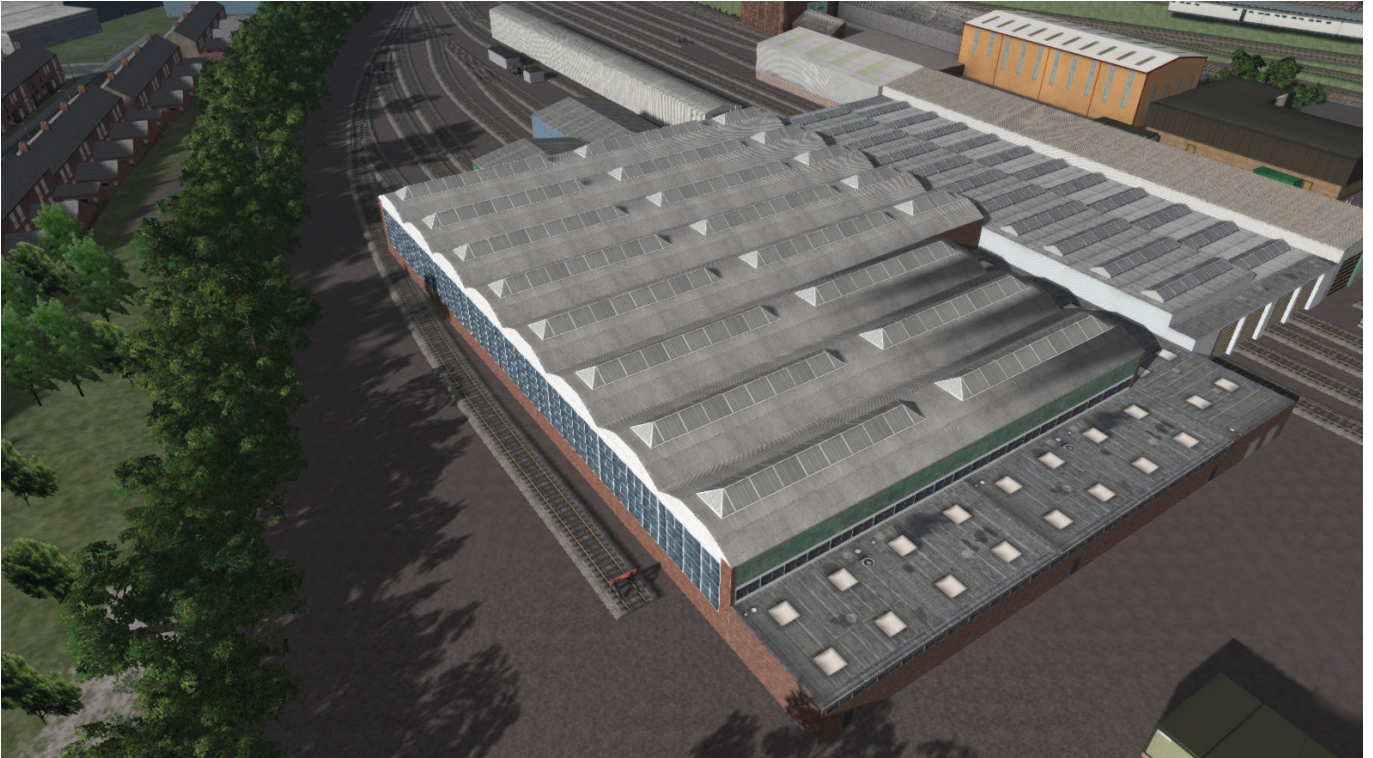
Leamington Spa station is renowned for its Great Western Railway (GWR) style and architecture.

Tyseley Locomotive Works



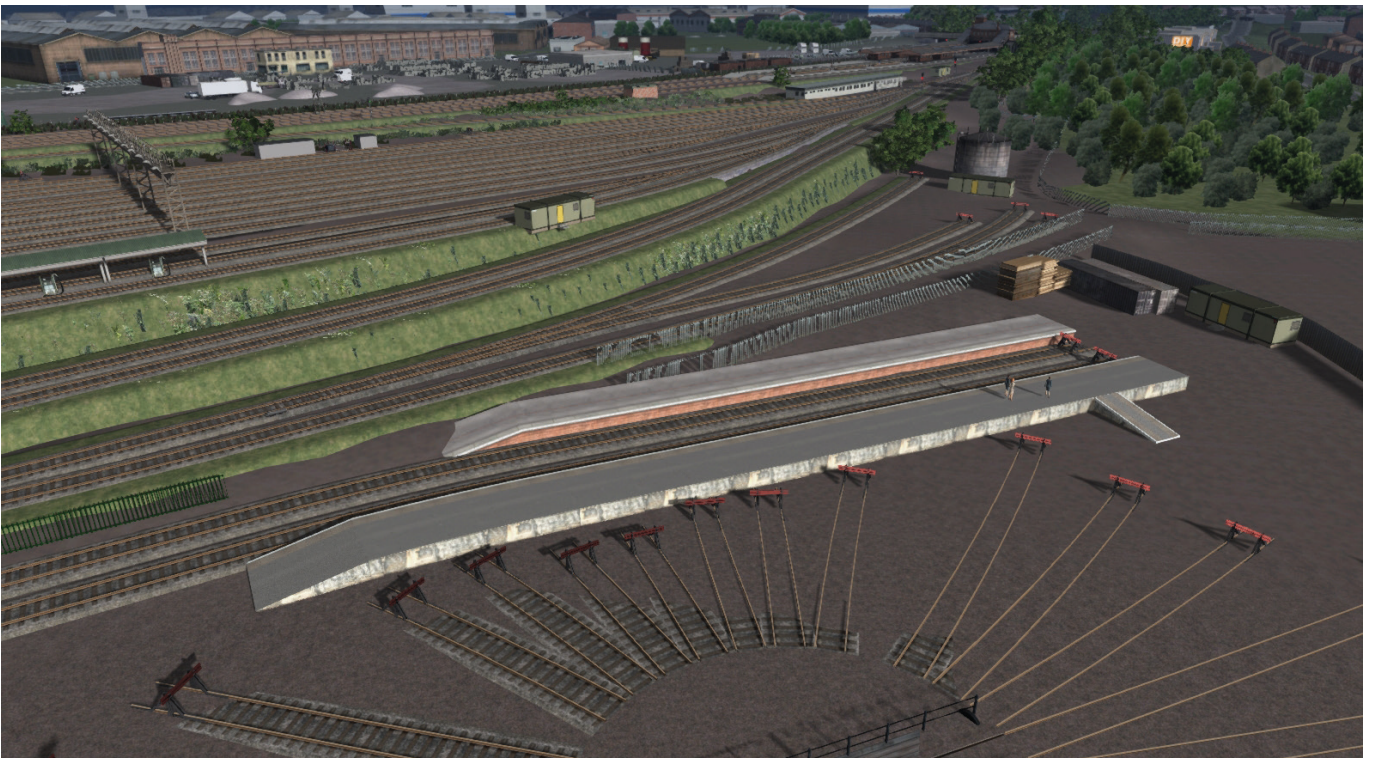
This is in use for steam locomotive overhauls.

Tyseley Light Maintenance Depot



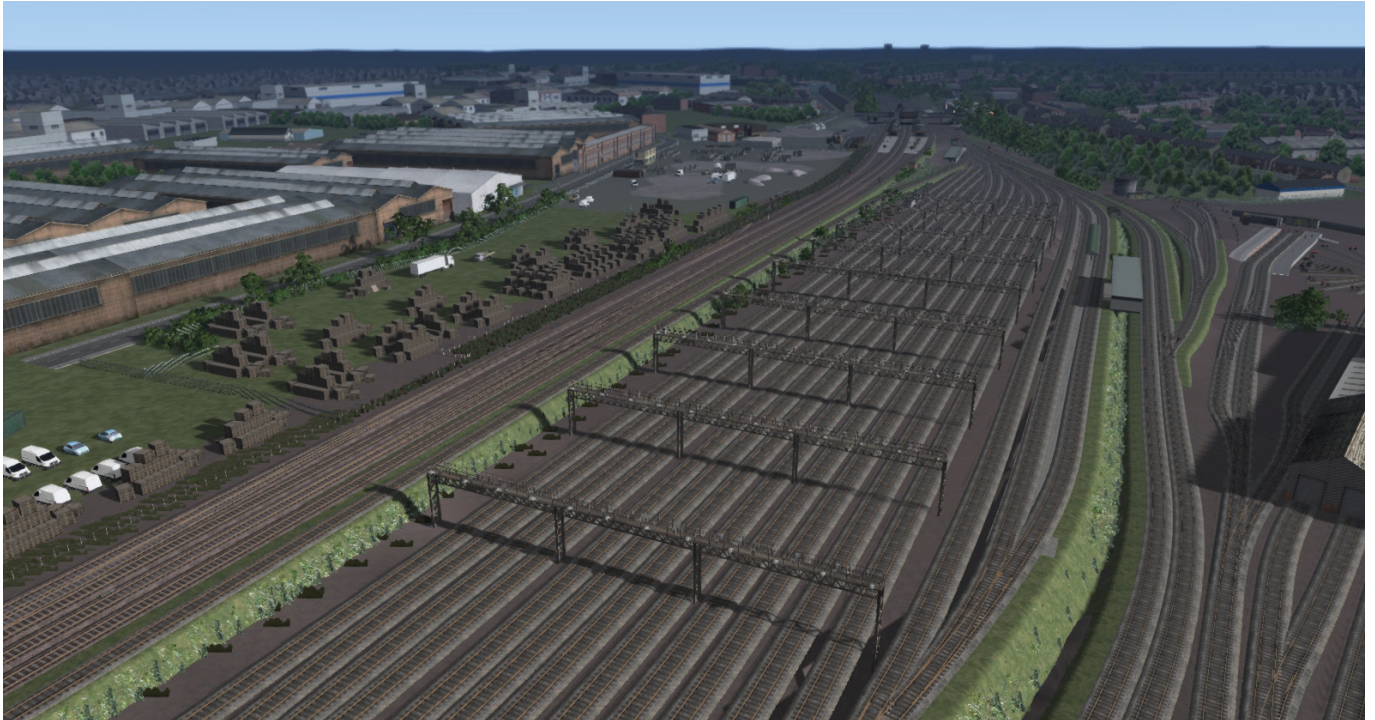
London Midland uses this depot for light maintenance on their stock.

Tyseley Warwick Road station



These two platforms are located in Tyseley yard and are normally used during open days and for charter trains.

Tyseley Carriage Sidings



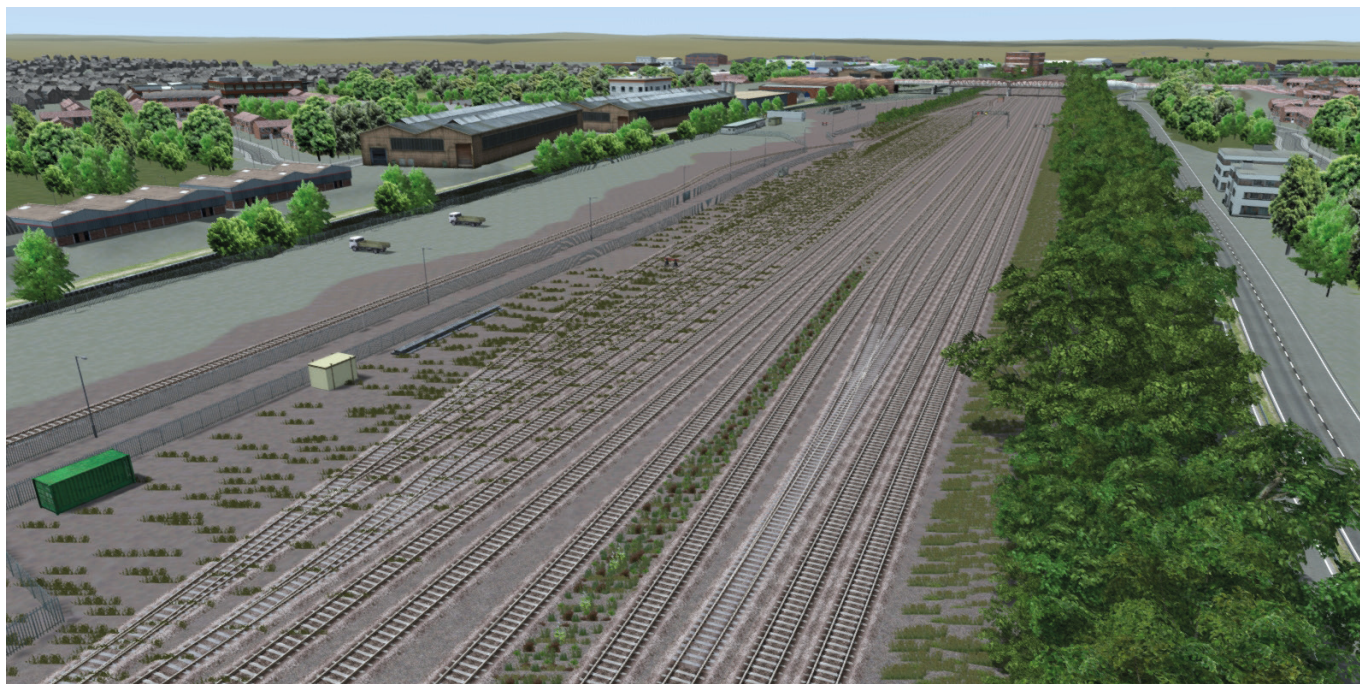
This large set of sidings is situated right next to the Chiltern Main Line and is normally home to London Midland stock.

Tyseley signal box



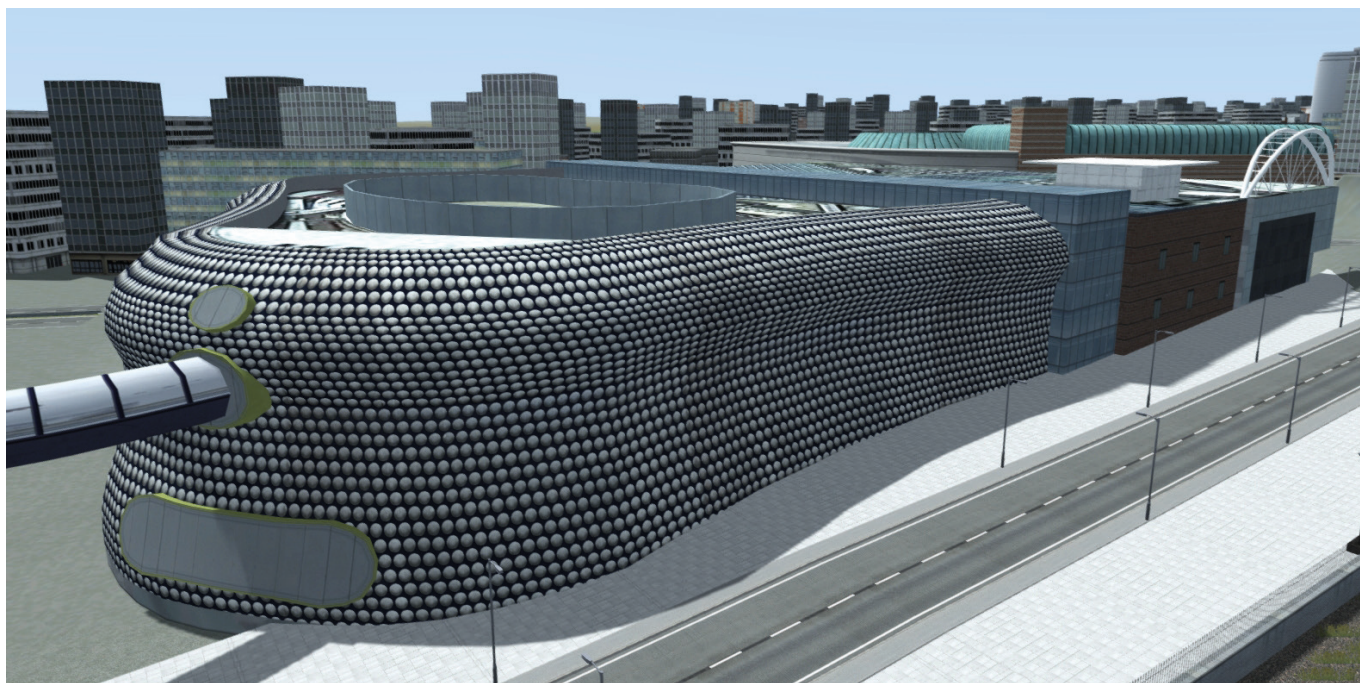
This signal box controls the entrance and exit of the various operations at Tyseley Yard.

Small Heath Yard



A large set of sidings to the south of Birmingham that sees very little use these days.

Bullring Shopping Centre



The Bullring is a major commercial area of central Birmingham and has been an important feature of the city since the Middle Ages, when its market was first held. Two shopping centres have been built in the area – in the 1960s and then the current one in 2003.

The current shopping centre has been very successful, attracting customers from all over the world, and was the busiest in the United Kingdom in 2004 with 36.5 million visitors.

BT Tower Birmingham



The BT telecommunications tower is a famous Birmingham landmark and also the tallest structure in the city. Construction of the tower started in July 1963 and was completed in September 1965. It has 26 levels, housing technical areas and offices, and five levels of circular aerial galleries at the top.

The tower was designed to be stable in high winds. Channels at each corner funnel the wind to counteract the force of the wind swaying the structure. A stable platform is necessary so that the microwave dishes mounted on the side of the structure keep line of sight with the remote transmitter they are communicating with.

SCENARIOS

Choosing a scenario

When you first start Train Simulator select the 'Drive' option in the Main Menu, then choose either the 'Standard' or the 'Free Roam' scenarios. Use the scroll bar on the right side to scroll down to 'Just Trains – Chiltern Main Line'. You can now select your preferred scenario and click on the 'Go' button.

Please note that although some of the scenarios use the default locomotives and rolling stock, some require extra items to allow them to run correctly.

In the scenario information below, locomotives followed by 'Steam' in brackets can be purchased from the [Steam](#) website:

- [Class 170 'Turbostar' DMU Add-On](#)
- [BR 7MT Advanced](#)
- [ScotRail Class 68 Loco Add-On](#)

If you purchased Train Simulator after 20 September 2012, you will require the European Loco & Asset Pack (available to purchase via [Steam](#)) to obtain the following locomotives:

- Class 166
- Class 47

Standard scenarios

1H35 Snow Hill – Marylebone

Required stock: Class 165 Networker Turbo (Steam)

Duration: 110 minutes

Drive a pair of DMUs on the 11:12 Birmingham Snow Hill – London Marylebone service in the summer of 2016.

2U01 High Wycombe – Banbury

Required stock: *Class 166 FGW (Steam)*

Duration: *60 minutes*

Drive a Chiltern unit on 2U01 High Wycombe – Banbury on a damp morning in September 2016.

Birmingham Bound Stopper

Required stock: *Class 170 DMU LM (Steam), Class 150/2 (Steam)*

Duration: *60 minutes*

Drive a Class 172 (using the Class 170) from Leamington – Birmingham Snow Hill before working a Stratford-bound train as far as Tyseley in the summer of 2016.

1U50 Marylebone – Banbury

Required stock: *Class 68 (Steam)*

Duration: *77 minutes*

Drive 68010 on 1U50 17:21 Marylebone – Banbury in August 2016.

Steam to Bicester

Required stock: SD BR Std 7MT Britannia 70013 (JT)

Duration: 72 minutes

Drive 70013 'Oliver Cromwell' from London Marylebone to Bicester Village on a special excursion.

Free Roam scenarios

Click on a train and take it for a drive!

Note: As these are Free Roam scenarios you must remember to ensure that the route has been set correctly to avoid being directed into sidings or derailed on junctions set against the train.

Birmingham Moor Street

London Marylebone

QUICK DRIVE

This route is equipped for use with the Quick Drive option in Train Simulator.

To access this option from the Main Menu, press the 'Drive' button and then the 'Quick Drive' tab at the top left.

The Quick Drive menu

The top left area on the menu is where you select the train you wish to drive.

When you click on the menu directly to the right of the train picture, it shows the variations/consists available for the selected train displays in the right-side area of the menu. Click on the consist that you want to drive.

Changing your train

If you want to drive a different train, click back on the top left train picture. The right side of the menu will change and will display all the trains you have installed in Train Simulator.

Use the 'Page' button located at the top middle of the pictures to scroll through them all.

All installed trains which have Quick Drive enabled are displayed. If the train does NOT have Quick Drive enabled, it will NOT display in the Quick Drive menu.

Selecting your route

When you have selected the train and consist you wish to drive, you then need to select the route.

In the middle left area are the route selection menus. Click on the middle far left route picture. This will change the right-side area of the menu to display the routes that you have installed in Train Simulator.

Choosing departure and arrival stations

Click on the route 'map' image directly to the right of the route picture. This will then show the available departure and arrival points for the route. You can select them by clicking on the ones you want.

Changing the time and weather

Controls for changing the time of day and weather conditions are on the lower left area. You can use these to adjust the time and weather settings as you wish.

Driving

When you have made all your selections, press the 'Drive' button on the lower right side of the menu and Train Simulator will load your settings.

IMPORTANT – Filters

In the Standard and Free Roam 'Drive' menus there are various locomotive and route filter options along the top of the right side. We strongly recommend that these are all set to 'None' unless you are experienced in using them.

If you set a filter and forget to remove it, there is a strong possibility that not all the available locomotives and/or routes will display in the menu.

CREDITS

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Custom objects

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Class 68 & Mk.3 coaches Chiltern livery

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Special thanks to Paul Bowman.

Special thanks also to all the testers and reference contributors.

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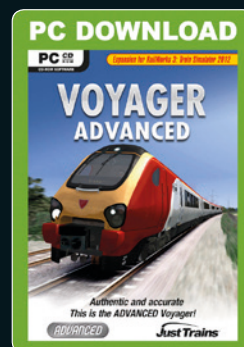
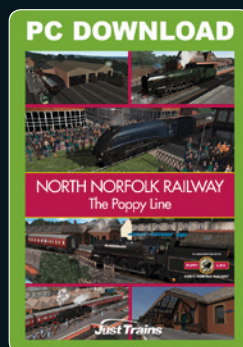
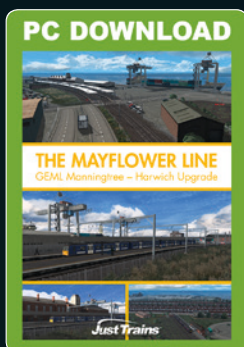
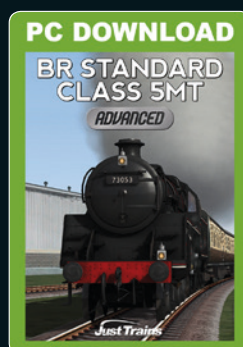
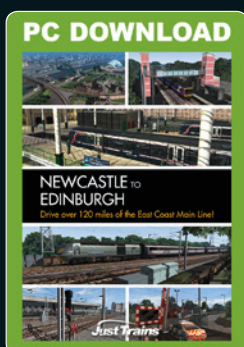
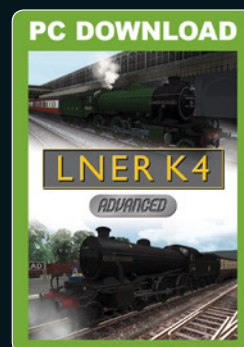
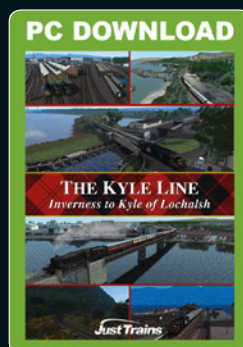
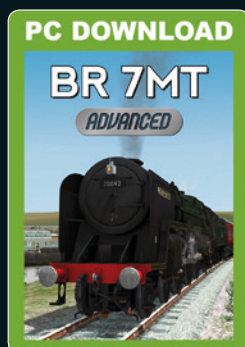
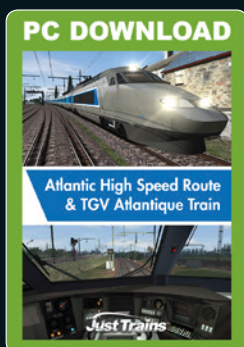
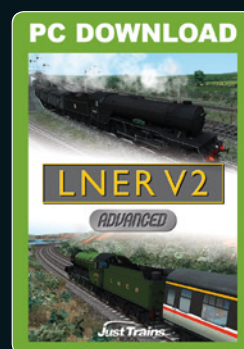
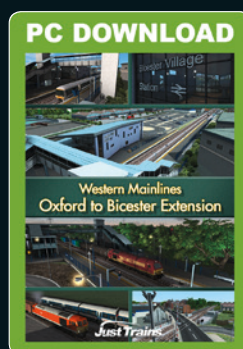
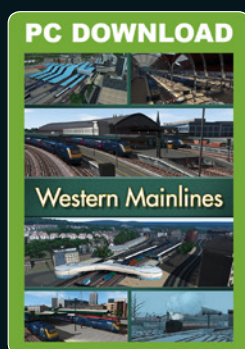
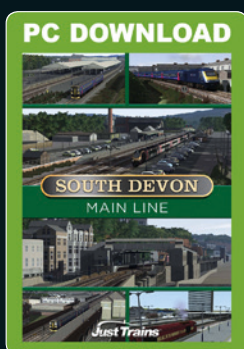
A pirate, otherwise known as a thief, makes a profit from the sale of other people's hard work. In some cases he makes more profit than the publishers and developers themselves make from the sale of an original title. Piracy is not just the domain of the casual domestic user, but is also a multi-million-pound business conducted by criminals, often with associations with the illegal drugs trade. Buying or downloading pirated copies of programs directly support these illegal operations.

Don't be fooled by a load of old tosh about file 'sharing'. The sites that host these 'shared' files cover their backsides with the excuse that they are simply a 'gateway' to the files. In fact, they actively encourage piracy and are often funded by advertising. Most of them are illegal money-laundering operations by another name.

The people who really suffer from game piracy are the artists, programmers and other committed game development staff. Piracy and theft directly affects people and their families. Loss of revenue to the games industry through piracy means many are losing their jobs due to cutbacks that have to be made to ensure developers and publishers survive. The logical outcome of this is that eventually the supply of rail simulation programs will dry up because developers think it is not worth the hassle.

It's not just copying software that is against the law. Owning copied software also constitutes a criminal offence, so anyone buying or downloading from these people is also at risk of arrest and prosecution.

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