

MIDLAND MAIN LINE

DERWENT VALLEY LINE



ROUTE GUIDE

Just Trains

More Train Simulator add-ons from Just Trains



***Midland Main Line:
Sheffield-Derby***



Metropolitan Line



***S7+1 Advanced -
Underground Stock***



***S8 Advanced -
Underground Stock***



Class 222 Advanced 2019



***Chiltern Main Line:
London-Birmingham***



ZZA Snowplough



Western Mainlines



Route Guide

Route expansion for Train Simulator

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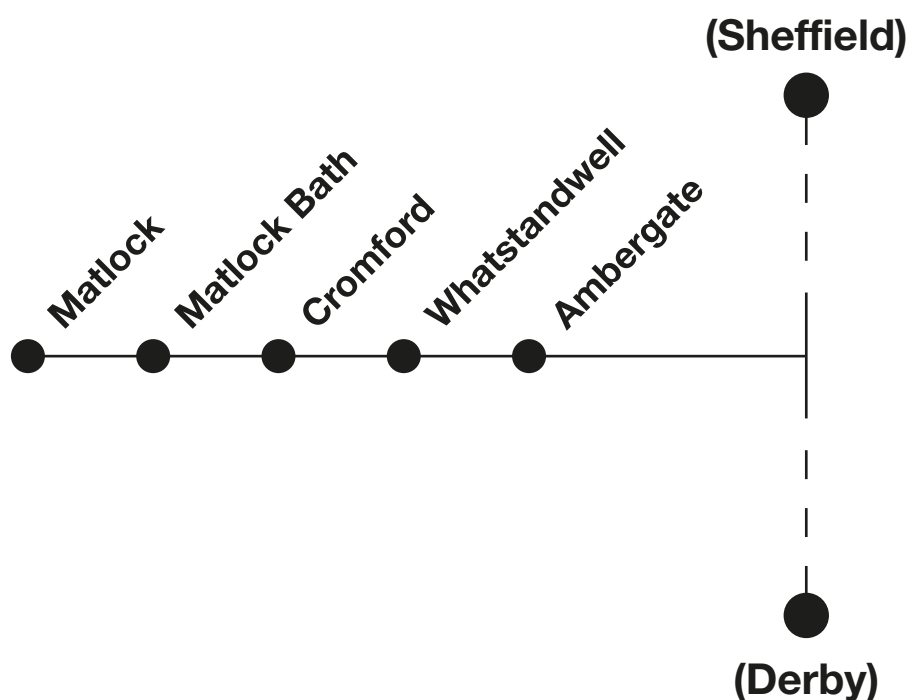
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INTRODUCTION

The Derwent Valley Line branches off to the east from the Midland Main Line around ten miles north of Derby. It runs between Ambergate and Matlock – a distance of around eight miles.

This Train Simulator route includes five stations and numerous new custom assets. Also included are 20 scenarios. Seven of these scenarios are available in two versions: one version which uses default Train Simulator stock (these scenarios are prefixed with [DEFAULT]) and one version which requires additional payware stock. The other six scenarios are only operable using additional payware stock.

IMPORTANT! This route is an add-on for the Just Trains Midland Main Line: Sheffield-Derby route which must be installed to allow the Derwent Valley Line to operate.



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 this route to display correctly and for some scenarios to work.

Some of the scenarios supplied with this Midland Main Line: Derwent Valley Line route 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 this Derwent Valley Line software to enhance the realism of the route, including TSX technology for realistic night lighting effects.

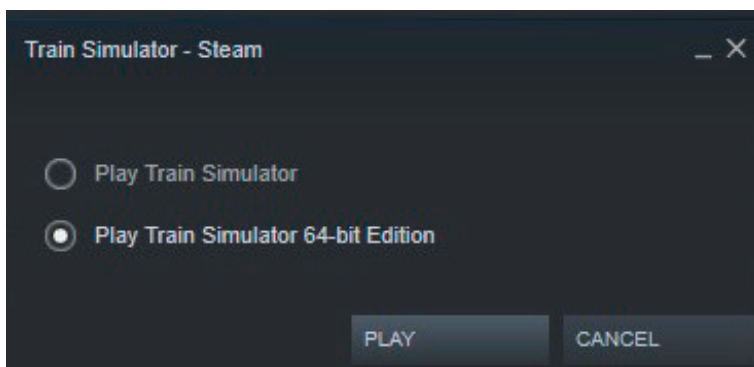
Due to the high level of detail provided along the route, it is best to run the route at the highest settings your PC can manage. Settings can all be accessed via the Settings > Graphics menu in Train Simulator. The route will still run at lower settings, of course, but some of the assets may not be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



Run in 64-bit mode!

We strongly advise you to run Train Simulator in 64-bit mode to enhance its stability:

1. Run the Steam client and select 'Games' from the top menu.
2. Select 'Train Simulator' from the left-side menu and press the blue 'PLAY' button in the top centre of the window. The option to 'Play Train Simulator' or 'Play Train Simulator 64-bit Edition' will pop up.
3. Select the 64-bit option and press 'PLAY'.



INSTALLATION, UPDATES AND SUPPORT

You can install this Derwent Valley Line software as often as you like on the same computer system. To re-download the 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.

Uninstalling

To uninstall this product from your system, select the appropriate option for your version of Windows from the Control Panel:

- 'Programs and Features' (Windows 7/8)
- 'Apps & features' (Windows 10 or later)

Select the product you want to uninstall and then select the 'Uninstall' option, following the on-screen instructions to uninstall the product.

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

Updates and Technical Support

For technical support (in English) please visit the [Support](#) pages on the Just Trains website.

As a Just Trains customer you can obtain free technical support for any Just Trains or Just Flight product.

If an update becomes available for this software, we will post details on the Support page and will also send a notification email about it to all buyers who are currently subscribed to Just Trains emails.

Regular News

To get all the latest news about Just Trains products, special offers and projects in development, [subscribe](#) to our regular emails.

We can assure you that none of your details will ever be sold or passed on to any third party and you can, of course, unsubscribe from this service at any time.

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You can view regular Just Trains Twitch streams with exclusive previews on the [JustTrainsTV](#) Twitch channel.

STATIONS

Ambergate



Opened 1840

Passengers 2018-2019: 41,130

Whatstandwell



Opened 1894 (current site)

Passengers 2018-2019: 23,084

Cromford



Opened in 1849

Passengers 2018-2019: 41,640

Matlock Bath



Opened 1849

Passengers 2018-2019: 62,082

Matlock



Opened 1840

Passengers 2018-2019: 201,360

POINTS OF INTEREST ON THE ROUTE

Many buildings and other features of interest have been modelled along the length of the route – these are some of them, listed in the order you'd see them when driving from Ambergate to Matlock:

Ambergate Junction



This is where the branch line to Matlock diverges from the main line.

Ambergate bridges



These two bridges are built next to each other and both carry track over two roads and a river.

Ambergate station old platform



A now disused platform that used to be part of the station can be seen north of the road bridge past the current station.

Cromford Canal



Completed in 1794, the Cromford Canal runs for around 14 miles between Cromford and the Erewash Canal in Derbyshire. A six-mile section between Cromford and Ambergate is listed as a Site of Special Biological Interest.

Whatstandwell bridge



This bridge takes the line over the River Derwent.

Caravan park



A caravan park can be seen on both sides of the line where it crosses the River Derwent.

Cromford aqueduct



This carries the Cromford Canal over the railway.

Lea Wood Tunnel



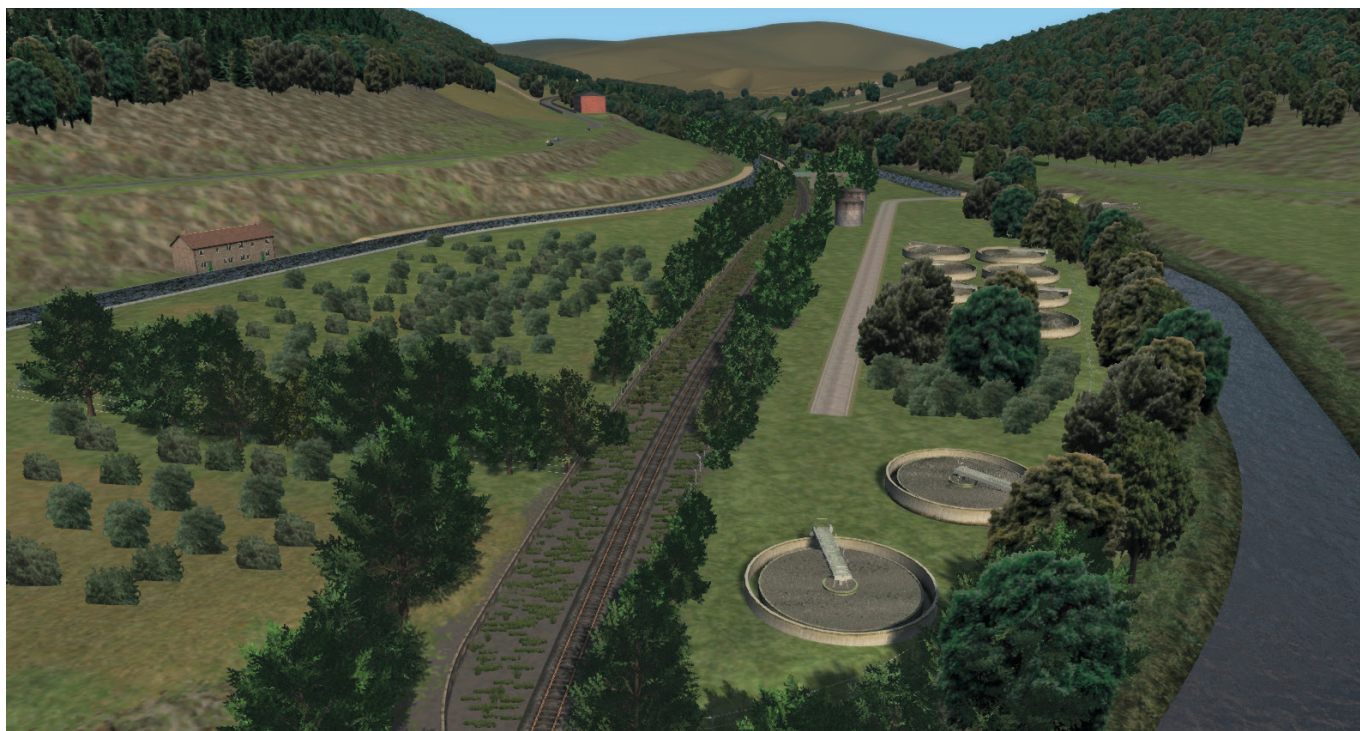
This carries the line through the hill at this location.

Cromford girder bridge



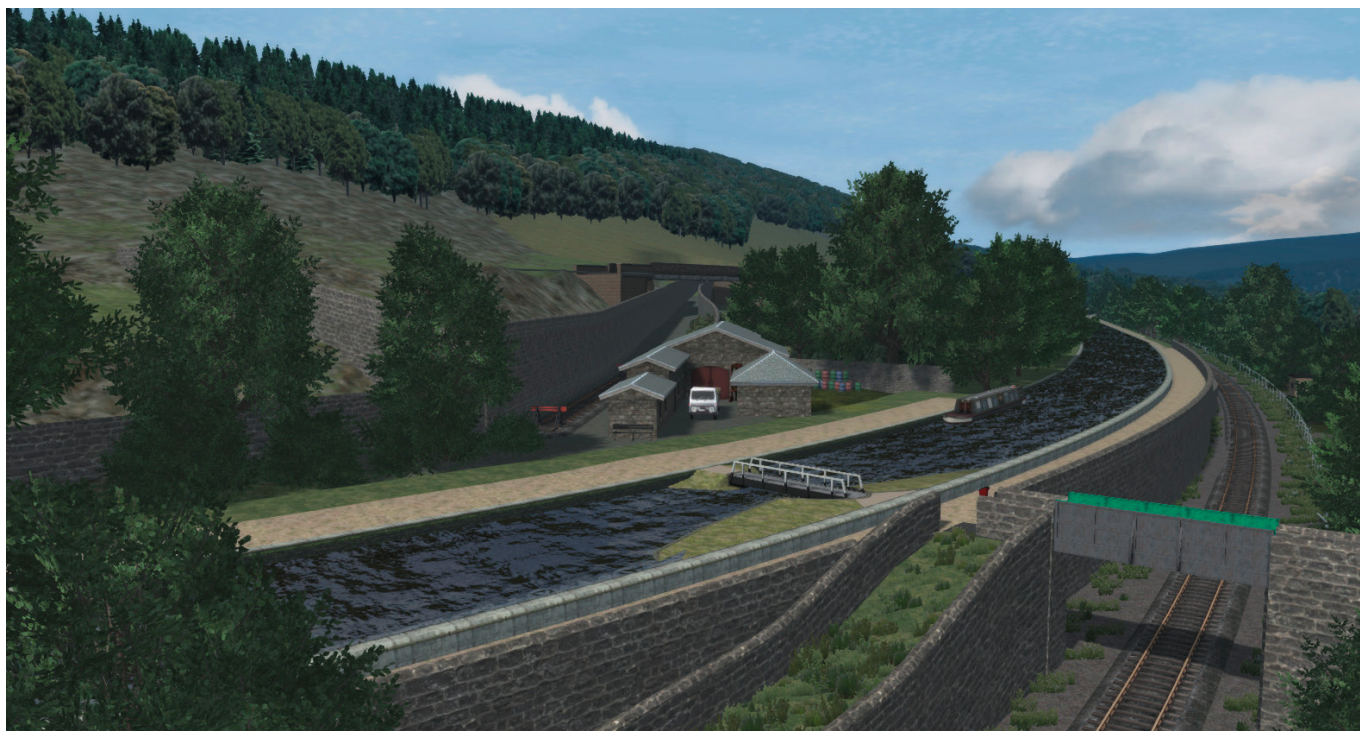
The Cromford girder bridge carries the line over the River Derwent at the north end of the Lea Wood Tunnel.

Water treatment works



The Cromford water treatment works are located on the right side of the track.

High Peak Junction



High Peak Junction is the name currently used to describe the area where the former Cromford and High Peak Railway, whose workshops were situated here, meets the Cromford Canal.

Cromford viaduct



This is located just before Cromford station and carries the line over the River Derwent.

Willersley Tunnel



This tunnel is 794 yards in length and was built around 1849.

Heights of Abraham



The Heights of Abraham is a 60-acre country park that provides spectacular views over the surrounding countryside. Its unique feature is its cable car service.

High Tor tunnels



This series of tunnels allows the route to pass through the hillside to gain access to Matlock.

Matlock Derwent viaduct



This viaduct just before Matlock station carries the line over the River Derwent.

Matlock supermarket



This modern supermarket is situated close to Matlock station.

SCENARIOS

20 scenarios for the Derwent Valley Line are included. Seven of these are available in two versions: one version which uses default Train Simulator stock (these scenarios are prefixed with [DEFAULT]) and one version which requires additional payware stock. The other six scenarios are only operable using additional payware stock.

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

The add-on stock requirements for each scenario are listed in the descriptions, but here is a complete list of all the payware add-ons required to operate the scenarios which require additional payware stock:

Just Trains

- [Class 20 Advanced Collection](#)
- [Class 153 DMU Advanced](#)
- [Class 222 Advanced 2019](#)
- [Voyager Advanced 2019](#)
- [BR 7MT Advanced](#)
- [JJA Autoballaster PlusPak Advanced](#)

Armstrong Powerhouse

- [Class 158/159 \(Cummins\) Enhancement Pack](#)
- [Class 43 \(VP185\)/Mk3 Enhancement Pack](#)
- [Class 37 Locomotive Pack Vol.1](#)
- [Mk2 A-C Coach Pack](#)
- [Mk1 Coach Pack Vol.1](#)
- [Class 66 Enhancement Pack](#)
- [Class 156 Diesel Multiple Unit Pack](#)

Steam

- [Network SouthEast Class 159 DMU Add-On](#)
- [EWS Class 66 v2.0 Loco Add-On](#)
- [London to Brighton Route Add-On](#)

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 – Midland Main Line'. The scenarios specific to the Derwent Valley Line have the prefix [DV] in their title.

You can now choose your scenario and click on the 'Go' button.

Standard scenarios requiring additional payware stock

The letters in brackets after the required stock for each scenario indicate where the payware stock can be purchased:

(JT) – Just Trains

(AP) – Armstrong Powerhouse

(S) – Steam

[DV] 2A06 05:42 Derby-Matlock

Drive a Class 156 from Etches Park Depot to Derby before taking 2A06, the first departure of the day, to Matlock and arriving there at 06:15.

Duration: 45 minutes

Difficulty: Medium

Year: 2019

Required stock:

- Class 153 DMU Advanced (JT)
- Class 222 Advanced 2019 (JT)
- Class 43 (VP185)/Mk3 Enhancement Pack (AP)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] Dogbox to Derby

Take a Class 153 to Derby on 2N31 10:37 Matlock – Newark Castle.

Duration: 45 minutes

Difficulty: Easy

Year: 2018

Required stock:

- Class 153 DMU Advanced (JT)
- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] Matlock Return

Drive 158780 from Derby to Matlock and return on a glorious afternoon in August 2019.

Duration: 100 minutes

Difficulty: Medium

Year: 2019

Required stock:

- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- Class 158/159 (Cummins) Enhancement Pack (AP)
- Network SouthEast Class 159 DMU Add-On (S)

[DV] Rail Head Treatment to Matlock

Drive a Class 66 on the Rail Head Treatment Train from Derby to Matlock on an autumn night in 2019.

Duration: 30 minutes

Difficulty: Easy

Year: 2019

Required stock:

- Class 20 Advanced Collection (JT)
- Voyager Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)
- EWS Class 66 v2.0 Loco Add-On (S)

[DV] Sunday Morning Testing

Take a pair of Class 37s from Derby RTC to Matlock and return on a Test Train.

Duration: 60 minutes

Difficulty: Medium

Year: 2018

Required stock:

- Voyager Advanced 2019 (JT)
- Class 222 Advanced 2019 (JT)
- Class 37 Locomotive Pack Vol.1 (AP)
- Mk2 A-C Coach Pack (AP)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] The Peak Forester Part 1

Drive 70013 'Oliver Cromwell' from Derby to Matlock on 'The Peak Forester' railtour, 8 October 2017.

Duration: 50 minutes

Difficulty: Easy

Year: 2017

Required stock:

- BR 7MT Advanced (JT)
- Voyager Advanced 2019 (JT)
- Class 153 DMU Advanced (JT)
- Class 43 (VP185)/Mk3 Enhancement Pack (AP)
- Mk1 Coach Pack Vol.1 (AP)

[DV] The Peak Forester Part 2

Drive 70013 'Oliver Cromwell' from Matlock to Derby on the return of 'The Peak Forester' railtour, 8 October 2017.

Duration: 30 minutes

Difficulty: Easy

Year: 2017

Required stock:

- BR 7MT Advanced (JT)
- Voyager Advanced 2019 (JT)
- Class 222 Advanced 2019 (JT)
- Mk1 Coach Pack Vol.1 (AP)
- Class 43 (VP185)/Mk3 Enhancement Pack (AP)

[DV] The Dimple, Darley and Dale

Drive 20308 and 20305 from Derby to Matlock on a railtour in April 2015.

Duration: 45 minutes

Difficulty: Easy

Year: 2015

Required stock:

- Class 20 Advanced Collection (JT)
- Voyager Advanced 2019 (JT)
- Class 222 Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)
- Mk1 Coach Pack Vol.1 (AP)

[DV] 2N51 15:37 Matlock – Newark Castle

Drive a Class 156 on a mid-afternoon service along the stunning Derwent Valley to Derby.

Duration: 35 minutes

Difficulty: Easy

Year: 2019

Required stock:

- Voyager Advanced 2019 (JT)
- Class 222 Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)
- Class 43 (VP185)/Mk3 Enhancement Pack (AP)

[DV] Royal Visit to Matlock

Drive 222102 on an historic journey from Derby to Matlock, carrying HRH Queen Elizabeth II and the Duke of Edinburgh on 10 July 2014. The 222 had substituted for the usual traction, as the Royal Train could not be pathed up the Derwent Valley Line!

Duration: 35 minutes

Difficulty: Easy

Year: 2014

Required stock:

- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] Derwent Blizzard

Take a Class 156 from Derby to Matlock during a heavy snowfall.

Duration: 35 minutes

Difficulty: Easy

Year: 2019

Required stock:

- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] Easy Evening

On a warm evening in 2019 drive a pair of 153s from Matlock to Derby and return, working 2A75 and 2A72 respectively.

Duration: 70 minutes

Difficulty: Easy

Year: 2019

Required stock:

- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- Class 153 DMU Advanced (JT)
- Class 156 Diesel Multiple Unit Pack (AP)

[DV] Ballast Drop at Cromford

Take a Class 66 from Derby to Cromford before carrying out a ballast drop using a rake of Autoballaster wagons. You'll then take the train to Matlock, before returning to Chaddesden Sidings.

Duration: 90 minutes

Difficulty: Hard

Year: 2019

Required stock:

- Class 222 Advanced 2019 (JT)
- Voyager Advanced 2019 (JT)
- JJA Autoballaster PlusPak Advanced (JT)
- Class 66 Enhancement Pack (AP)
- EWS Class 66 v2.0 Loco Add-On (S)
- London to Brighton Route Add-On (S)

Standard scenarios using default Train Simulator stock

Please note that the European Loco & Asset Pack (available to purchase via [Steam](#)) is required for all of these scenarios to work.

[DV] [DEFAULT] 2A06 05:42 Derby-Matlock

Drive from Etches Park Depot to Derby before taking 2A06, the first departure of the day, to Matlock and arriving there at 06:15.

Duration: 45 minutes

Difficulty: Medium

Year: 2019

[DV] [DEFAULT] Matlock Return

Drive from Derby to Matlock and return on a glorious afternoon in August 2019.

Duration: 100 minutes

Difficulty: Medium

Year: 2019

[DV] [DEFAULT] The Peak Forester Part 1

Drive a Black Five from Derby to Matlock on 'The Peak Forester' railtour.

Duration: 50 minutes

Difficulty: Easy

Year: 2017

[DV] [DEFAULT] The Peak Forester Part 2

Drive a Black Five from Matlock to Derby on the return of 'The Peak Forester' railtour.

Duration: 30 minutes

Difficulty: Easy

Year: 2017

[DV] [DEFAULT] 2N51 15:37 Matlock – Newark Castle

Drive a mid-afternoon service along the stunning Derwent Valley to Derby.

Duration: 35 minutes

Difficulty: Easy

Year: 2019

[DV] [DEFAULT] Derwent Blizzard

Take a service from Derby to Matlock during a heavy snowfall.

Duration: 35 minutes

Difficulty: Easy

Year: 2019

[DV] [DEFAULT] Easy Evening

On a warm evening in 2019 drive from Matlock to Derby and return, working 2A75 and 2A72 respectively.

Duration: 70 minutes

Difficulty: Easy

Year: 2019

IMPORTANT – Filters

In the Standard 'Drive' menu there are various locomotive and route filter options (the 'funnel' image in the screenshot below) 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 be displayed in the menu.

Choose a scenario and press Start

Select Loco



JT - Class 20 Railfreight



Select Route



[WS] Hedborough North



CREDITS

Route developer

Mark Walker

Custom objects

William Stead, Alexander Penfold

Scenarios

Mark Walker

Just Trains

Project management	Alex Ford
Installer	Martin Wright
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Manual	Alex Ford
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Customer Service	Simon King

Special thanks to EMR driver Kerry Hewitt

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More Train Simulator add-ons from Just Trains



Voyager Advanced 2019



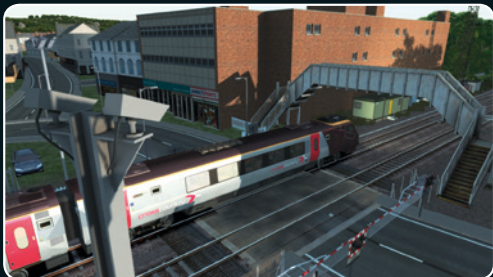
Cornish Main Line



London-Aylesbury



South Devon Main Line



Paignton Extension



South Western Expressways



***Western Mainlines:
The Extension Collection***



***Atlantic High Speed Route
& TGV Atlantique Train***

