

Add-on for Train Simulator Classic

Berlin far out

Version seven eighths



virtualTracks.net



TrainTeam.Berlin

Historische



e.V.

Berlin JWD (Version sieben Achtel)

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Introduction

JWD. Janz weit draußen – Standard German: ganz weit draußen (means: far out). For Berliners, this is a term for anything that is not on their doorstep and requires at least one form of transport to reach. When I was a child and told my aunt Anni that I had to go to the dentist in Rahnsdorf (I lived in another part of Berlin) – a series of stops on the 87 tram – she exclaimed: ‘Oh dear, that's JWD.’ Before Berlin became Greater Berlin, i.e. before 1920, Pankow, Rixdorf (Neukölln) Köpenick and other places were located just outside the city gates. If you went there at the weekend, you were going JWD. The music of that time bears witness to this: ‘In Rixdorf is Musike’, ‘Komm Karlineken, wir wolln nach Pankow jehn’ (Come on Karlineken, we want to go to Pankow), and so on and so forth.

JWD is flexible. Berlin has grown, transport has become faster and better, so JWD is somewhere else. Nowadays, it's usually where the forests are, where there are lakes, where Berliners can relax.

Our add-on takes you there: Hennigsdorf, Waidmannslust, Grünau, Schönefeld and later also Königs Wusterhausen. The starting point is Berlin – the Ringbahn.

An add-on like this takes a lot of work and development takes a long time. We want to give you the opportunity to take a look at the current state of development.

PLEASE NOTE: This is unfinished software. It allows you to get to know the product and try it out. We would greatly appreciate your feedback at support@virtualTracks.net. Your wishes, ideas, suggestions, and any bugs you find and report will be incorporated into the final product, '**Berlin JWD**', and will make it better than I could have done on my own.

AND: The final product is included in the purchase price. When Berlin JWD is finally ready, you can download it from the shop where you purchased it at no additional cost. The add-on is scheduled for completion before the end of 2025, or early 2026 at the latest.

Contributors and Acknowledgements

The following people contributed to the construction of the add-on:

Route building:	Jan Bleiß
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LUA-scripting:	Benjamin Ebrecht, Jan Bleiß, Maik Goltz
Speaker:	Ingo Ruff, Jan Bleiß
Beta-Testing:	Roman Glos
Cover Picture:	Jan Bleiß
Map:	Gerald Richter

I would like to thank my wife Birgit for her patience, for listening and for encouraging me!

Description

The add-on depicts the north-western and south-eastern radials from and to Berlin's Ringbahn. The S-Bahn and mainline tracks are equally navigable, signalled and usable in scenarios. The display period is the state of the network in 2024/25. Along the route, you will find objects that no longer exist in the real world, such as the water tower at Schöneweide station shown on the cover image. Although listed as a historic monument, the tower was demolished in 2014 due to the risk of collapse and lack of funds for renovation. It was THE landmark at Schöneweide station.

The following lines can be operated in whole or in part:

long-distance train

FEX (2025) Berlin Hbf - Airport BER,
RB24 (section) Berlin Ostkreuz – Schönefeld.

S-Bahn

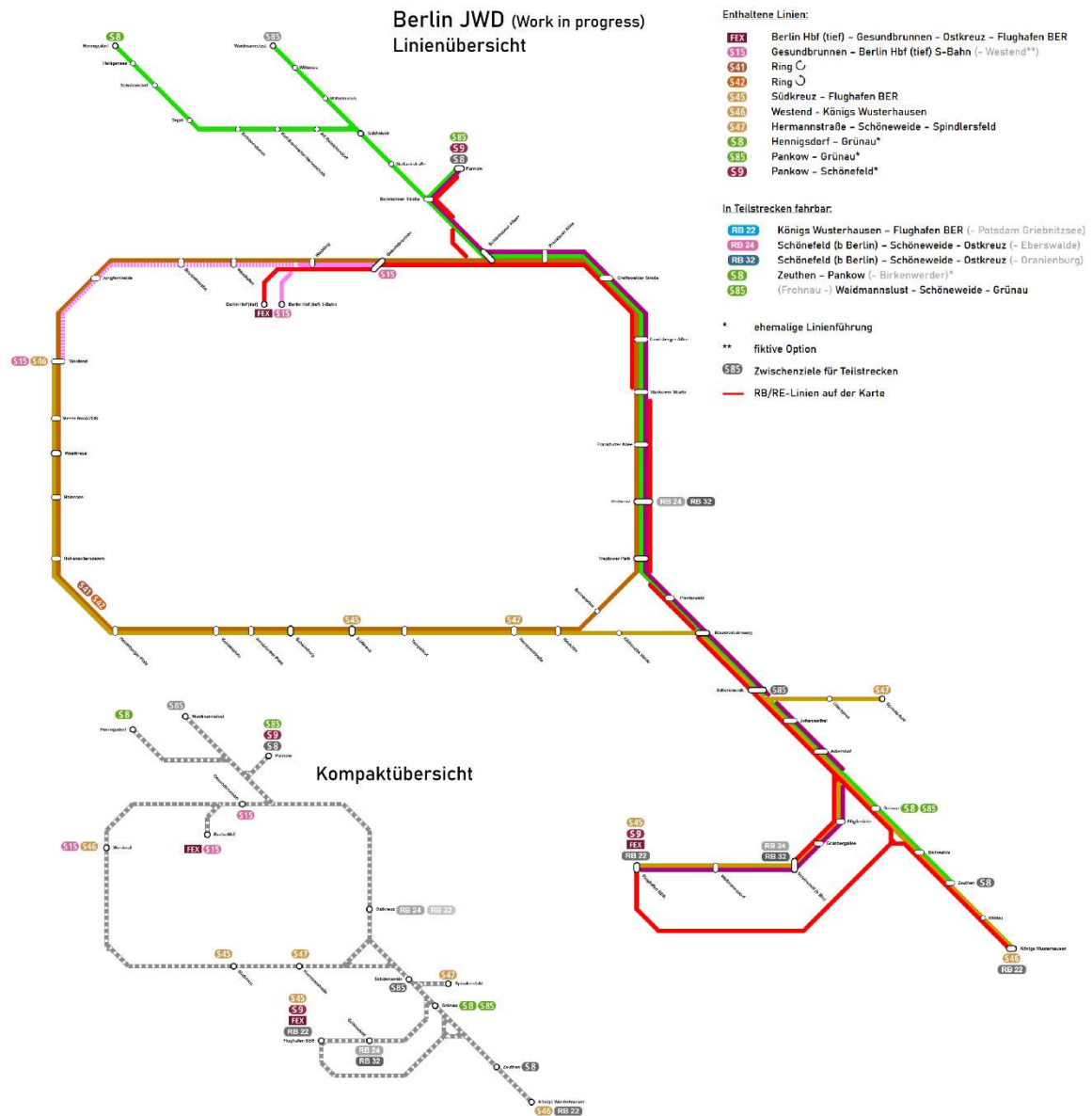
S41, S42 Ringbahn,
S45 Berlin Südkreuz – Airport BER,
S46 (section) Berlin-Westend – Grünau,
S47 Hermannstraße – Spindlersfeld,
S8 (old) Hennigsdorf – Grünau,
S85 Waidmannslust – Grünau,
S9 (old) Berlin-Pankow – Schönefeld (- Airport BER).

freight transport

For freight transport, the following destinations are available in addition to those served by the Ringbahn:

Schönefeld station
Diepensee Cargo,
Diepensee tank farm,
Grünau GBf,
Schönholz GBf,
Reinickendorf Gbf.

Route map



What's missing, what's coming in the full version?

There are still a number of things missing that need to be included in the add-on before it can be released.:

- Landscaping, signalling, infrastructure, catenary system for the Bohnsdorf – Königs Wusterhausen branch line,
- Berlin Central Station (underground),
- spoken announcements (Ingo Ruff),
- various corrections,
- the Schöneeweide repair workshop (3D, track markings).

Technical requirements

To be able to play the add-on for Train Simulator Classic, you need:

Software:

- Train Simulator Classic,
- European Loco and Asset Pack.

The recommended hardware is a computer with at least this configuration:

- CPU: Intel i5 or better,
- Memory: 16 MB or more,
- Hard disk for simulator and add-on: SSD-M2 min. 256 GB,
- powerful graphics card with at least 4MB memory.

The "Berlin JWD" route runs entirely within the Berlin city limits, so the computer requirements are quite high.

Hints

If you experience performance issues on less powerful computers, you can adjust the simulator settings. We recommend the following:

- Visibility range: one level below maximum (visual effect in the simulation is barely noticeable, but increases FPS by up to 6-8)
- Scene density: one level below maximum (the 3D vegetation is set to disappear at scene density 9, gains approx. 4 FPS),
- Shadow quality one below maximum (3 FPS),
- Water quality two below maximum (gains up to 5 FPS near water).

Use of the assets in other add-ons is only permitted upon request to the author. Please ask before you start your work, not when you are almost finished!

Signal book

[1]

Abbreviation	Meaning	Picture
Bü4	"Whistle." Whistle once for about 3 seconds. Not whistling causes penalty points in the career scenario.	
El 1	"Switch off" the main switch of the traction unit. For the S-Bahn this means: Release the master switch.	

El 2

"Switching on" the main switch of the electric locomotive. In the case of the S-Bahn, this means that switching on the driving switch again is permitted from here on.



Hp 0

"Stop."



HI 1

"Travel at top speed."



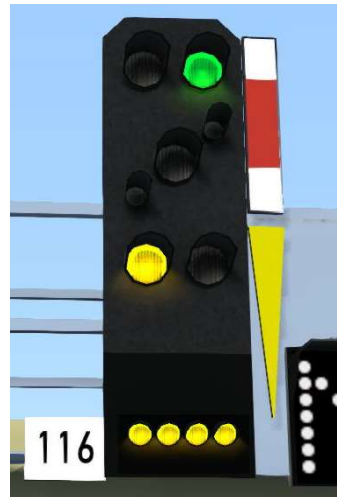
HI 3a

**"Travel at 40 km/h,
then top speed."**



HI 3b

**"Travel at 60 km/h,
then at top speed"**



HI 7

**"Reduce top speed to 40
km/h."**



(yellow light flashes)

HI 9a

**"Travel at 40 km/h,
then at 40 or 60 km/h."**



(upper yellow light flashes)

HI 9b

**"Travel at 60 km/h,
then at 40 or 60 km/h."**



(upper yellow light flashes)

HI 10

"Expecting hold."



HI 12a

**"Traveling at 40
kilometers an hour,
expecting a stop."**



HI 12b

**"Travel at 60 km/h,
expect stop"**



HI 13/ Hp0 **"Train stop."**



Ks 1 **"Ride free."**



Ks 1 + Zs 3 **"Drive freely with
(display x 10) km/h.":**
The indicated (digits x 10 in
Km/h) speed must not be
exceeded by the signal in the
following switch area.



Ks 1 flashing
+ Zs 3v

**"Drive freely, expect
drive with (yellow
display x 10) km/h."**

(possibly in connection with
Zs3!) Signal Zs3 is to be
expected (with the displayed
speed)



(green light flashing)

Ks 2

"Expect stop" (if necessary
in connection with Zs3).



Lf 1

"Slow speed disc": A
temporary slow speed section
follows (at the standard
braking distance), on which
no faster than (number x 10)
km/h may be driven.



Lf 2

"Initial screen": Start of the temporary slow speed section.



Lf 3

"End disc": end of the temporary slow speed section.



Lf 6

"Speed announcement board": A speed signal (Lf 7) is expected, brake to the number x 10 in km/h shown in the signal.



Lf 7

"Speed table": The speed indicated on the signal (number x 10) must not be exceeded after this signal.



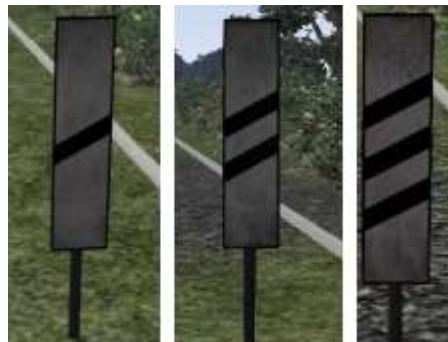
Ne 2

"Approach signal board": marking of the location of an approach signal.



Ne 3

"Advance signal beacons": An advance signal is to be expected.



Ne 5

"Stopping sign": marking of the stopping place of the head of the train for trains stopping according to schedule.



Sh0

"Stop, no driving."



Sh1

"Driving ban lifted."



Sh2

"Protect."



Zs1

"Substitute signal":

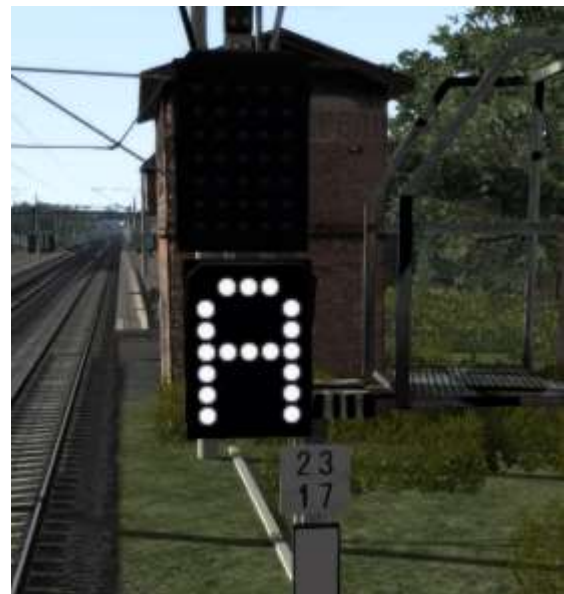
passing the "stop" showing or disturbed signal without a written command. (a flashing white light)



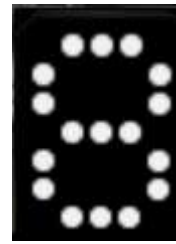
(white light flashes)

Zs2

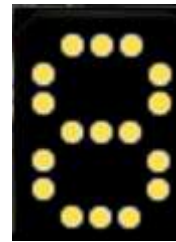
"Direction indicator": the road leads in the direction indicated



Zs3 **"Speed indicator":** The indicated (digits x 10 in Km/h) speed must not be exceeded by the signal in the following switch area.



Zs3v **"speed indicator":** signal Zs3 is to be expected (with the displayed speed)



Zs6 **"Opposite track indicator":** the track leads to the adjacent continuous main track



Zs 7 **"Caution signal":** Pass the disturbed or Hp 0 showing main signal without written command. Continue on sight.



Bibliography

[1] The signals of Deutsche Bahn Signalbuch (SB) DS/DV301 valid from 10 December 2006.

