

High Iron Simulations

Realistic Contemporary and Historical Scenarios for Train Simulator

Montana Hi-Line Scenario Pack 01



About High Iron Simulations

We began serving the Train Simulator community in October 2012 by developing and publishing Train Simulator scenarios to Steam Workshop — and we're pleased to now offer more than 300 Steam Workshop scenarios.

As a Train Simulator Partner Programme member, we collaborate with Dovetail Games to produce a wide variety of realistic scenario packs for Train Simulator routes.

The Montana Hi-Line

The eastern segment of BNSF's famed and busy Hi-Line Subdivision crosses the magnificent and boundless high plains of Montana. The Hi-Line Subdivision is a key part of BNSF's bustling northern transcontinental main line stretching between Chicago and Seattle. It was built in the late 19th century by James J. Hill's Great Northern Railway and is the northernmost of the transcontinental railroads in the United States.

The Train Simulator Montana Hi-Line route, created by VNHRR, extends between Havre to Shelby, Montana, a distance of 108 route miles. Both Havre and Shelby are important junction and yard locations on the BNSF. Havre is also home to a large maintenance and shops complex which is masterfully re-created in the route.

The Montana Hi-Line route features a mix of single- and double-track main line that is host to a constant flow of rail traffic, particularly intermodal and grain movements. Amtrak's Empire Builder passenger train also runs on this line with scheduled stops at Havre and Shelby. High line speeds (79 mph for passenger and 60 mph for freight), the heavy volume of rail traffic, and a sawtooth gradient profile with frequent climbs and drops of up to 1% make the route a real operating challenge.

Lineside grain elevators at nearly every station along the way provide numerous local freight and switching opportunities and the route also features two rapid-loading grain loop tracks at Chester, Montana.

Note: The Montana Hi-Line route is available worldwide. Due to licensing restrictions, BNSF markings will appear only on content distributed to U. S. customers.

The Scenarios

Montana Hi-Line Scenario Pack 01 includes 10 career scenarios based on BNSF main line freight, local freight, and switching operations as well as Amtrak passenger operations on Train Simulator's Montana Hi-Line route. The scenarios are closely based upon actual railroad operations.

Scenario scoring for passenger services is based upon points (up to 1,000) achieved for meeting timetable expectations; scoring for freight operations is based upon points deductions (starting from 1,000) for any operating errors.

All scenarios in this pack require Train Simulator and the Montana Hi-Line Route Add-On. Select scenarios also require for equipment the Amtrak P42DC Empire Builder Loco Add On as specified in the individuals descriptions (pages 3-6).

Train Simulator and all required products are available at the Steam Store: <http://store.steampowered.com>

Our additional scenario packs are also available at the Steam Store: <http://store.steampowered.com>

For Train Simulator and scenario product support, visit: <http://dovetailgames.kayako.com/>

For the latest news and information on High Iron Simulations and our scenario products, visit our Facebook page at: <https://www.facebook.com/HighIronSimulations/>

Montana Hi-Line

Scenario Pack 01

[MHL 1.01] AMTRAK TRAIN 7, PT. 1



The Montana Hi-Line retains much of its Great Northern heritage to this day and one glorious example is Amtrak's Empire Builder which in name recalls both GN's famed flagship passenger train and the railroad's legendary builder, James J. Hill. You are the engineer of Amtrak Train 7 – the westbound Empire Builder – preparing to depart Havre with GE P42DC motive power and a flashy consist of Amtrak Superliner equipment. This is the first of a two-part scenario.

Duration: Approximately 60 minutes.

Featured: Amtrak GE P42DC and Empire Builder Superliner equipment.

Requirements: Montana Hi-Line Route Add-On; Amtrak P42DC Empire Builder Loco Add On.

[MHL 1.02] AMTRAK TRAIN 7, PT. 2



The Montana Hi-Line retains much of its Great Northern heritage to this day and one glorious example is Amtrak's Empire Builder which in name recalls both GN's famed flagship passenger train and the railroad's legendary builder, James J. Hill. You are the engineer of Amtrak Train 7, the westbound Empire Builder, and in Part 1 of this two-part scenario you reached Chester. Following a meet with a BNSF intermodal, you will soon be proceeding to Shelby, Montana.

Duration: Approximately 50 minutes.

Featured: Amtrak GE P42DC and Empire Builder Superliner equipment.

Requirements: Montana Hi-Line Route Add-On; Amtrak P42DC Empire Builder Loco Add On.

[MHL 1.03] SHELBY YARD FIRST TRICK



You are the engineer of Shelby Yard's first trick switch job on a wintry Montana morning. With a single BNSF EMD SW1500 as power, you have switching work to handle at Shelby's grain elevator complex, then you will pull together the consist for the day's Shelby-Havre local freight.

Duration: Approximately 55 minutes.

Featured: BNSF EMD SW1500.

Requirements: Montana Hi-Line Route Add-On.

Montana Hi-Line

Scenario Pack 01

[MHL 1.04] STACKS AND PIGGYBACKS



Not all intermodals are racehorses, and you are the engineer of BNSF symbol QSPOCHC1, a heavy intermodal train making its way from Spokane to Chicago. As the scenario begins, you have taken siding at Buelow, Montana to allow Amtrak Train 8 – the eastbound Empire Builder – to overtake you, then you'll be following Train 8 to Havre. On the roller coaster Hi-Line, you will be busy handling both the throttle and the brake handles.

Duration: Approximately 70 minutes.

Featured: BNSF GE ES44DC.

Requirements: Montana Hi-Line Route Add-On; Amtrak P42DC Empire Builder Loco Add On.

[MHL 1.05] GEEPS AND GRAIN



A wintry snow cover has come early to Montana but there's still plenty of grain to haul. You are the engineer of the eastbound Shelby-Havre local and have covered hopper set-outs and pick-ups to make at Kremlin before proceeding to Havre Yard. Your pair of BNSF EMD GP38-2s are ex-Toledo, Peoria & Western units which are not dynamic-brake equipped.

Duration: Approximately 50 minutes.

Featured: BNSF EMD GP38-2.

Requirements: Montana Hi-Line Route Add-On.

[MHL 1.06] HEAVY GRAIN HAUL WEST, PT. 1



Autumn has arrived and with it the annual "grain rush." You are the engineer of BNSF symbol GBREVAW9 totting grain from Breckenridge, Minnesota to Vancouver, Washington. The train has stopped at Havre for refueling and in a few moments, you will be headed west with two BNSF GE ES44DCs on the point and another pair of GEs operating as DPUs on the rear. This is the first of a two-part scenario.

Duration: Approximately 80 minutes.

Featured: BNSF GE ES44DC.

Requirements: Montana Hi-Line Route Add-On.

Montana Hi-Line

Scenario Pack 01

[MHL 1.07] HEAVY GRAIN HAUL WEST, PT. 2



Autumn has arrived and with it the annual “grain rush.” You are the engineer of BNSF symbol GBREVAW9 totting grain from Breckenridge, Minnesota to Vancouver, Washington. In Part 1 of this multi-part scenario, you proceeded with your heavy train to Joplin. Momentarily, after a meet with an eastbound manifest, you will be continuing on to Shelby.

Duration: Approximately 80 minutes.

Featured: BNSF GE ES44DC.

Requirements: Montana Hi-Line Route Add-On.

[MHL 1.08] HI-LINE LOCAL



The weather on the Montana high plains is nasty on this autumn day and you are the engineer of the Havre-Shelby Hi-Line local, working the numerous lineside grain elevators with a pair of veteran BNSF EMD GP38-2s as power. As the scenario begins, you have just arrived at Gildford with switching duties to handle.

Duration: Approximately 50 minutes.

Featured: BNSF EMD GP38-2.

Requirements: Montana Hi-Line Route Add-On.

[MHL 1.09] AMTRAK TRAIN 8



It's the kind of wintry day that Montana is legendary for and you are the engineer of Amtrak Train 8 – the Superliner-equipped eastbound Empire Builder. As the scenario begins, you've taken siding at Chester for a meet with a BNSF priority westbound intermodal and soon, with a duo of Amtrak GE P42DCs as power, you'll continue eastward to the next station stop at Havre.

Duration: Approximately 60 minutes.

Featured: Amtrak GE P42DC and Empire Builder Superliner equipment.

Requirements: Montana Hi-Line Route Add-On; Amtrak P42DC Empire Builder Loco Add On.

Montana Hi-Line Scenario Pack 01

[MHL 1.10] MONTANA EXPORT GRAIN



Much of the grain grown in Montana is destined for export markets. At 7:30 a.m. on an autumn morning, you have been called as engineer at Chester, where a 103-car unit train has been loaded overnight at one of the town's high-capacity grain loaders. The train is destined for the Port of Longview, Washington and, with BNSF GE ES44DCS front and rear, you will handle the first leg of the westward journey to Shelby.

Duration: Approximately 65 minutes.

Featured: BNSF GE ES44DC.

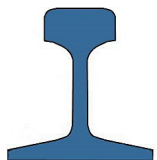
Requirements: Montana Hi-Line Route Add-On.

Acknowledgements and Credits

For cooperation and support in developing this scenario pack, our thanks are extended to:

- Michael Stephan, Rick Grout, and VNHR., creators of the Montana Hi-Line route, for developing the superb Montana Hi-Line route and for assistance in the development of this scenario pack.
- Simon Sauntson, Third Party Partner Manager, Dovetail Games
- David Walker and Aimee Preston, Third Party Support, Dovetail Games
- Stephen Dark, Product Experience Manager, Dovetail Games
- Members of the Train Simulator beta test team and Dovetail Games QA department

Gary Dolzall authored the scenarios included in this pack.



High Iron Simulations

Realistic Contemporary and Historical Scenarios for Train Simulator