

Senseki Line



Introducing

The Senseki Line is a 49.0 km long line connecting Sendai City in the central part of Miyagi Prefecture and Ishinomaki City in the northeast, and is the only DC electrified line in the Tohoku region. Like the Saikyo Line, ATACS is used in some sections (Aobadori Station to Higashi-Shiogama Station). In the Great East Japan Earthquake of March 11, 2011, the Senseki Line, which runs along the coast, was severely damaged by the earthquake and tsunami, and the entire line was shut down.

The line between Rikuzen-Otsuka and Rikuzen-Ono stations, located in low-lying areas and particularly heavily damaged, was relocated to higher ground inland, and resumed full service on May 30, 2015, four years after the line was closed.

In conjunction with the restoration of all lines, a connecting line was established between Matsushimakaigan Station and Takagimachi Station to connect from the Tohoku Main Line, and the "Senseki Tohoku Line" began direct service.

The Senseki Tohoku Line operates between Takagimachi Station and Ishinomaki Station, and HB-E210 series diesel trains also operate on the line.

The first half of the line (from Aobadori Station to Hon-Shiogama Station) runs through a bedroom town of Sendai, the middle part (from Hon-Shiogama Station to Tona Station) runs along Matsushima Bay with Matsushima, one of the three most scenic spots in Japan, at its side, and the latter half (from Tona to Ishinomaki Station) runs through a rural landscape.

Key data

- Line length: 49.0 km
- Number of stations: 32
- Safety system: ATACS / ATS-Ps
- Train model: 205-3100 series (4 cars)
- Max speed: 95km/h
- Max speed after signals:
 - Reduced speed (green/yellow): 65 km/h
 - Caution (yellow): 45 km/h
 - Speed restriction (yellow/yellow): 25 km/h
- Routes:
 - Aobatori Av. ~ Ishinomaki (1221S): Local train - 32 stations - 49 km
 - Aobatori Av. ~ Tagajo (763S): Local train - 11 stations - 12.6 km
 - Aobatori Av. ~ Matsushima-Kaigan (781S): Local train - 17 stations - 23.2 km
- Automatic announcements: No
- Conductor announcements: Yes
- Driver announcement (pointing-and-calling): No

Features

The safety system is ATACS up to Higashi-Shiogama station. After that, it's ATS-Ps.

For the ATACS section, the Max Speed and Next Limit indicators are empty, and the light signals should be ignored.

As schedules are not available, it is advisable to use the timetables or display the STA indicator.

Stations list

Station name	Japanese name	Distance from Aoba-dōri (km)	JRETS connections
Aoba-dōri	𐰇𐰆𐰚𐰚	0	
Sendai	𐰆𐰚	0,5	
Tsutsujigaoka	𐰆𐰚𐰚	1,3	

Miyaginohara	□□□□	2,4	
Rikuzen-Haranomachi	□□□□	3,2	
Nigatake	□□	4,0	
Kozurushinden	□□□□	5,6	
Fukudamachi	□□□	7,7	
Rikuzen-Takasago	□□□□	8,6	
Nakanosakae	□□□	10,3	
Tagajō	□□□	12,6	
Geba	□□	14,4	
Nishi-Shiogama	□□□	15,2	
Hon-Shiogama	□□□	16,0	
Higashi-Shiogama	□□□	17,2	
Rikuzen-Hamada	□□□□	20,3	
Matsushimakaigan	□□□□	23,2	
Takagimachi	□□□	25,5	
Tetaru	□□	27,3	
Rikuzen-Tomiyama	□□□□	28,6	
Rikuzen-Ōtsuka	□□□□	30,8	
Tōna	□□	32,2	
Nobiru	□□	33,4	
Rikuzen-Ono	□□□□	36,0	
Kazuma	□□	37,6	
Yamoto	□□	40,2	
Higashi-Yamoto	□□□	41,6	
Rikuzen-Akai	□□□□	43,1	
Ishinomakiyumino	□□□□□□	45,2	
Hebita	□□	46,6	
Rikuzen-Yamashita	□□□□	47,6	
Ishinomaki	□□	49,0	

Movie

https://www.youtube.com/embed/_GtnEgleFwI?si=8GexgJPkTJI6PhZ

Useful links

Wikipedia: https://en.wikipedia.org/wiki/Senseki_Line

Driver's guide and timetables:

<https://docs.google.com/spreadsheets/d/1Hw8xuEEJTZLLzR22RwQkC6sJLIXACJDhcS-kG6KpiwM/edit#gid=1919488277>

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