

Rail connectivity to Multi-modal terminal, Varanasi.

- MMT-Varanasi is connected with NH-7.
- MoU has been signed between the DFCCIL and IWAI on 19.03.2015.
- Aarvee Associates appointed as specialized Railway consultant through EPIL for the Detailed Study.
- DFCCIL Port Rail Terminal Connectivity Policy is to be followed
- Rail link is taking off from DFC Block Cabin, New Jeonathpur station of Mughalsarai – Allahabad section
- Alignment survey has been completed by the consultant.
- The total route length is 7.1 Km (including 2 Km inside the yard with 3 lines).
- 32.36 Ha. Land is required. Details from consultant awaited
- DPR of the Project has been approved by DFCCIL in May 2018 and
- ESP of Jeonathpur approved by CGM, DFCCIL, Allahabad (East) and North Central Railway on 25.06.2019 and 08.10.2019 respectively.
- ESP of IWAI siding approved by DFCCIL on 24.01.2020
- Following signalling and electrical plans submitted to DFCCIL in April 2020 and approval awaited
 - Signal Interlocking Plan
 - Location Plan of Electrical Installation
 - Land leasing Plan
 - Revised ESP in compliance of DFCCIL comments and L – sections
 - Submission of GAD and RCC Bridges
- Revised Signal Interlocking Plan submitted to DFCCIL on 03.10.2020
- Video – Conference was held with the officials of DFCCIL on 19.05.2020 wherein observations on the submitted SIP were discussed and consultant is revising SIP.
- One multi lane ROB crossing on NH-7 required
- GAD of ROB for 2 lane road submitted to NHAI, Varanasi on 14.12.2018 for in-principle approval. Later NHAI informed that NH-7 widening with 6 lane is in progress.
- NHAI has been requested to take up the works on deposit basis. However, no confirmation has been received.
- Revised GAD of ROB for 6 lane main carriage way + 2 lane service roads on both sides to accommodate the proposed two track of proposed railway line with DFC standards submitted to NHAI to accord in-principal approval on 06.10.2020
- The Inward and Outward traffic such as Fertilizers, Food Grains, Cement, Liquids, Gases, Stone Chips, Handloom Silk Products, Carpets and Container Cargo etc. expected 9.46 MTPA and 34.60 MTPA as per HPC Study report on marketing
- **Rail Connectivity to Multi – Modal terminal, Haldia**
- MMT-Haldia (61 acre) under construction, road connectivity with NH – 41.
- RITES appointed as specialized railway consultant for Detailed Study and PMC for construction.
- Rail connectivity is 1.2 km long from Haldia Port siding. Nearest station is Durgachak.
- SE Railway and HDC are concerned approval authority.
- Alignment survey completed.
- HDC advised RITES to prepare proposal with yard having full length rake.
- Full length rake within IWT terminal designed. Final layout approved by IWAI.
- Additional 10.166 Acre land from HDC required. The lease rent is about 10.2 cr. for 30 yrs.
- Feasibility report and DPR are awaited from the consultant
- Estimated time required is 18 months after complete acquisition of land.
- The Inward and Outward traffic such as Coal, flyash, fertilizers, natural aggregates, petroleum products, steel, textile etc. expected from 2.8 MTPA in 2020 to 8.44 MTPA in 2045 as per HPC Study report on marketing

Rail Connectivity to Multi - Modal terminal, Sahibganj

- MMT-Sahibganj is connected with NH - 80.
- RITES appointed as specialized railway consultant for Detailed Study and PMC for construction.
- Rail connectivity is 11 km (5 km long from Sakrigali station through a loop, Y-connection and inside terminal 6 km track in 4 lines for yard and shunting)
- Track hopper and tippler with wagon traverse for shifting empty wagon proposed for mechanical unloading of coal and for manual unloading full length wharf wall proposed.
- Alignment survey completed.
- Final layout approved by IWAI.
- Feasibility report and DPR are awaited from the consultant
- The Inward and Outward traffic such as Stone Chips, coal, cement, food grains, fertilizers and Sugar etc. expected from 9.46 MTPA in 2020 to 34.60 MTPA in 2045 as per HPC Study report on marketing

ROB at Sahibganj

- One crossing on NH-80 at gate 54C proposed with multi lane ROB.
- GAD of ROB at NH-80 for two lane in-principle approved by NHAI Final approval shall be granted after submission of safety and design aspects of final layout & structural drawings in adherence to the existing NH.

List of Railway connectivity proposed by IWAI on various NWs

1. IWAI is proposing the railway connectivity on the various NWs for better connectivity of the freight through road, rail and river for which the masterplan for the last mile connectivity has been prepared by IWAI.

2. Railway connectivity on **NW-3**

S.No	Railway Station	Distance
1	Thirunavaya Railway station	24 Km
2	Feroke Railway Station	6 Km
3	Angadipuram	21 Km

3. **NW-8** is well connected with Road and Rail network: • NH-66 connecting Alappuzha with Thiruvananthapuram & Cochin • NH-183 connecting Changassery with Kottayam & Adoor • SH-11 runs parallel to NW-8 • Southern Railway runs in Alapuzza & Changassery.

4. **NW-9** is well connected with Road and Rail network: • Major roads - NH 66, NH 183, NH 47, SH 11, SH 15, SH 42 • Major railway – Chingavanam, Kottayam, Kumarnallor are the railway stations, which are closer to NW 9.

5. **NW-10** is well connected with Road and Rail network:

- Major roads - NH 66 (42 kms), NH 166 A, SH 89.
- Major railway – Konkan railway line going parallel with Amba River. Nearest railway station is Pen & Nagothane

6. **NW-44** - The complete stretch of Ichamati River i.e. 63.381 Km is in North 24 Parganas district of West Bengal and is well connected with Road and Rail network.

7. **NW-52** is well connected with Road and Rail network: • Major roads - NH 66, SH 6, SH 34. • Major railway –Konkan railway line runs across the river at Kanasgiri

8. **NW-57** is well connected with Road and Rail network:

• Road Connectivity

o National Highway -31

o National Highway -37

o National Highway -40

o State Highway -3

o State Highway -3A o State Highway -3B

• Railway Connectivity

o Panbari Railway Station (approx. 1.73 Km from the waterway)

o Thakurkuchi Railway Station from the Riverside area-(approx. 3.44 km from waterway)

o Digaru Railway Station from the Riverside area-(approx. 5.90 km from waterway)

9. **NW-86** is well connected with Road and Rail network: • National Highway -41 (within 2 Km) • Mecheda Railway Station (within 2-3 Km) • Kolaghat Railway Station (with 5 Km)

10. **NW-97** - the utilizing the suderbans route under the protocol route has a lot of potential as even road/ rail connectivity to north eastern states are poor, and waterways provides a good alternate due to alternative due to time and cost savings

11. Currently, the study for the railway connectivity to the terminals of MMT Varanasi, MMT Sahibganj and MMT Haldia at NW-1 is ongoing for which the consultants (M/s EPIL for MMT Varanasi and M/s RITES for MMT Sahibganj and MMT Haldia) has been appointed for conducting the feasibility and DPR study.

Details are also in
tabular form at Annex I