



The lower deck of the Padma bridge for rail communication. Preparations are on for laying rail tracks there.

PHOTO: SK ENAMUL HAQ

Bridge breathes new life into railway

Travelling, transportation of goods to and from South and beyond await massive boost as master plan being rolled out

PADMA BRIDGE RAIL LINK AND BEYOND

Padma Bridge Rail Link project will connect the capital with Jashore through the bridge.

The 169km line will be built at a cost of Tk 39,246 crore.

The new line will reduce the distance between Dhaka and Jashore by more than 200km.

Work on the project started in July 2018. Deadline for completion is June 2024.

Railway will build a new line from Bhanga Junction to Payra port via Barishal.

TUHIN SHUBHRA ADHIKARY

Completion of the much-awaited Padma Multipurpose Bridge will not only efficiently connect the southern region to the capital, it will herald a new horizon of railway communications in the country.

The rail line via Padma bridge will cut short the travel time between Dhaka and south-western districts like Khulna and Jashore by half, creating scope for expanding rail networks in these and other southern districts -- crisscrossed by rivers -- earlier thought to be too logically challenging.

The government has already undertaken a project titled "Padma Bridge Rail Link Project (PBRLP)" to connect the capital and Jashore with a 169km rail line via the bridge. The link is a part of the Trans-Asian Railway Network.

Moreover, Bangladesh Railway (BR) is now carrying out a feasibility study with detailed design for construction of a rail line from the under-construction Bhanga junction to Payra deep seaport via Barishal.

Currently, BR has a rail network in 44 districts and as per its 30-year master plan (2016-2045), all districts save for Bholan -- the country's lone island district -- will be brought under the network.

"Padma bridge will play a very big role in railway expansion in the country," said NajninAra Keya, chief engineer (bridge viaduct) of PBRLP.

"Keeping scope for rail lines, alongside road connectivity, will give much more benefit to the nation," she told The Daily Star on December 8.

EXPANDING RAIL NETWORKS The government in 2016 undertook PBRLP to build a rail line between Dhaka and Jashore through the under-construction Padma bridge.

Physical work of the Tk 39,246 crore project started in July 2018 and as of October this year, witnessed 28 percent progress.

The rail line will reduce the distance travelled between Dhaka and Jashore by more than 200km and connects four districts -- Munshiganj, Shariatpur, Madaripur and Narail -- with the country's growing rail network, officials said.

Currently, Jashore is linked with Dhaka by a 480km rail line through Bangabandhu Bridge, which takes more than eight hours.

"It will take less than half of the current travel time once the rail line is constructed," a mid-level railway official said.

NajninAra Keya said it wouldn't have been possible to establish the rail link had the bridge not been constructed.

She said, following PBRLP's request, Economic and Social Commission for Asia and the Pacific (ESCAP), a regional office of the UN, agreed to incorporate the Dhaka-Bhanga-Jashore route as a part of Trans-Asian Railway Network.

Bangladesh is linked with India through Benapole in Jashore and Darshana in Chuadanga and the line will help boost connectivity with not only India but also Nepal and Bhutan, another railway official said.

While the rail authority is set to complete the total Dhaka-Jashore section within 2023, it wants to open the Mawa-Bhanga section when the Padma bridge

will be open for the public -- tentatively in 2021. Bhanga is already connected with the railway network.

"We have given a target [to the contractor] to complete this section [Mawa-Bhanga] keeping the matter in mind. We think CREC [China Railway Group Limited, the contractor] has the ability to do that," Railways Minister Nurul Islam Sujan told reporters on December 2 during a visit to the project site.

BOOSTING CONNECTIVITY IN THE SOUTH

Transport expert Prof Mizanur Rahman said the rail line via Padma bridge will boost both passenger and goods transport between the capital and south-western districts.

He said for passengers between Dhaka and this region will be faster than existing transport options.

On the other hand, Dhaka will also be connected with Mongla and Payra seaports through rail communication and thus transportation costs will be less than that incurred by road, which will ultimately boost the economy, he said.

From the perspective of road safety, Mizanur Rahman, also a former director of Buet's Accident Research Institute, said rail lines in the southern part of the country will reduce pressure on roads and thus, also lower the number of road accidents.

Meanwhile, the government has planned to bring Barishal region under the railway network and undertook a project in 2016 to carry out a feasibility study and detailed design of the rail line from Bhanga to Payra port in Patuakhali via Barishal.

Project Director MdShahidul Islam said they have completed the feasibility study and hope to complete the detailed design within this fiscal year.

Once the project is implemented, Barishal and Patuakhali will directly come under the rail network and several other southern districts will also benefit from it, he told this correspondent on December 8.

BR is implementing a project for construction of Khulna-Monga port rail line, to connect the country's second seaport with the rail network. The Tk 3,801.61 crore project is expected to be completed within June 2021.

Besides, it has undertaken a project to connect Magura with the railway network. The project, titled "Construction of broad-gauge rail line from Madhukhali to Magura Via Kamarkhali," is being implemented at a cost of Tk 1,202 crore through May 2018 and April 2022.

Moreover, a feasibility study and detailed design for construction of a new broad-gauge railway line from Gobra in Gopalganj to Pirojpur and to Bagerhat are underway, shows a railway document.

Another feasibility study is going on for the construction of a rail line from Darshana to Meherpur via Damurhuda and Mujibnagar, also shows.

"Dhaka has a railway connection with Jashore which is a U-shaped structure. Construction of the Dhaka-Jashore rail line via Bhanga will actually directly connect the two ends of the 'U' and will boost rail connectivity in this entire region," a railway official told The Daily Star, wishing to remain unnamed.



"Cheers Padma Bridge, Cheers Honorable Prime Minister Sheikh Hasina."

History is there to rewrite. However, when there is a story, that culminates a nation's firm footing which will change the course of time, nation, economy-it needs to be expressed in golden words.

One of the digital challenges of 21st century is the Padma Multipurpose Bridge, a much-awaited bridge project in the economical history of Bangladesh envisioned by Honorable Prime Minister Sheikh Hasina. Declared it as top ever priority project, Sheikh Hasina brushed aside all the odds and uncertainty and

materialized the dream of constructing such mammoth bridge with internal resources.

Yes, the last 41st historic pillar is the glaring example of her firm commitment to the nation being ever-visionary leader as well as the 39th most powerful woman of the world by Forbes. Upon completion of the bridge, the GDP will contribute by 2.1% higher.

Indeed, the bridge is a gift for the nation by honorable Prime Minister Sheikh Hasina in commemorating the Golden Jubilee of our Independence as well as the centennial birth anniversary of our Father of the Nation in 2021.

Padma Bank takes pride to be a part and witness of such epoch-making enormous infrastructure.

On behalf of the Board of Directors



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