



नौएडा मेट्रो रेल कॉरपोरेशन लि.
Noida Metro Rail Corporation Ltd.



NOIDA METRO RAIL CORPORATION (NMRC) AT WORK

The principal objective of NMRC is to plan, design, develop, construct, maintain, operate and finance mass transit and other urban transport in the Noida and Greater Noida region. Pursuant to this, NMRC is developing a metro rail system connecting the twin cities of Noida and Greater Noida.

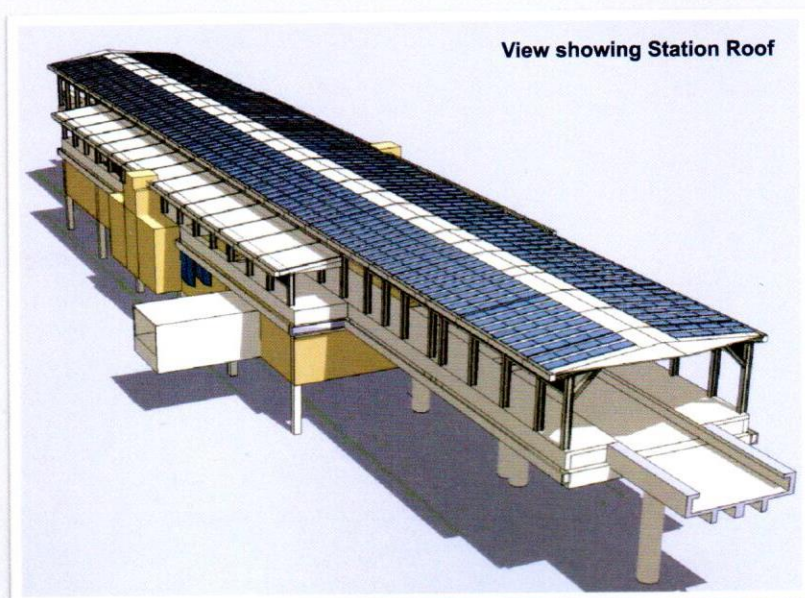
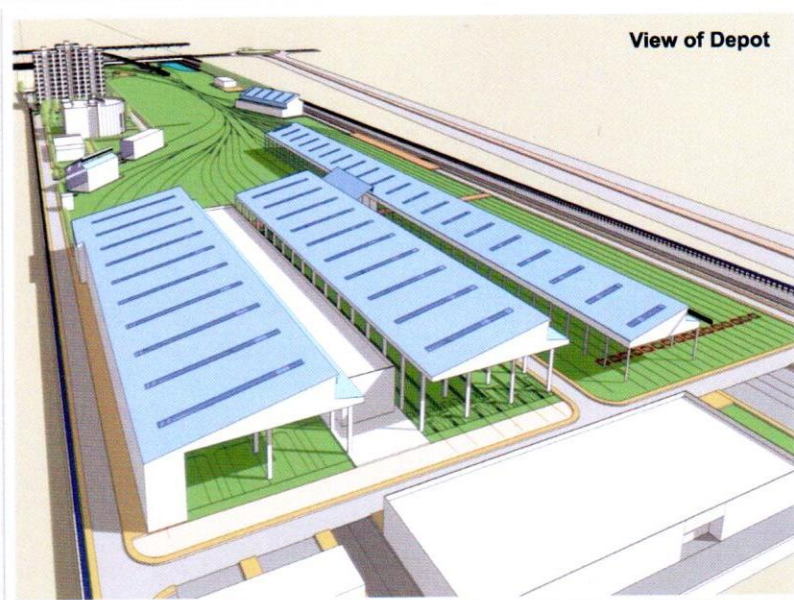
Title description: Metro Corridor 29.707 km long and is called the Noida Greater-Noida Metro Rail Corridor. It comprises 21 Metro stations starting from Noida Sector-71 in Noida and ends up at Delta Depot Station in Greater Noida

Work on the 29.707 km elevated Metro line having 21 stations connecting Noida and Greater Noida is in full swing and this corridor is likely to be opened to the public by the early 2018. This will result in the following:

- Metro stations along the Noida-Greater Noida Metro Corridor will have parking facilities. Commercial areas will be developed at some Metro stations to facilitate public refreshment, shopping and enjoyment.

Salient Features

- The Metro corridor is being constructed by DMRC on a turnkey consultancy basis. For this, NOIDA and Greater NOIDA entered into an MoU with DMRC in October 2014.
- There will be seamless passenger transfer to the DMRC network.
- Planning and implementation for One City-One Card as Smart Card.



- The Noida-Greater Noida city bus service is to roll out soon, well integrated with the Metro system.
- It will be user-friendly for DIVYANG passengers.
- The line is targeted for commercial operations by April 2018.
- An MoU for support for operation and maintenance has been signed with DMRC.



GREEN INITIATIVE

- Installation of solar panels on rooftops.
- Estimated 10 MW solar power generations planned.
- Adopting green building norms in construction:
 - Use of fly ash
 - Preservation of top soil
- Dust control measures
- The Clean Development Mechanism (CDM) project will earn a Certified Emission Reduction (CER).
- Ten trees are being planted for each tree cut, and large trees shifted/transplanted.
- Rain water harvesting provision is available at all stations and along the viaduct.

FUTURE PLANS

- Apart from Noida-Greater Noida Metro (Sector-71 to Delta Depot, Greater Noida), two other corridors are proposed to be under NMRC which as below:
 1. Noida (Sector 71-72) to Greater Noida Knowledge Park V having 9 stations, 14.95 kms.
 2. Okhla Bird Sanctuary, Delhi, to Sector 142, Noida, having 8 stations, 10.922 kms.

Delhi Metro sets record, installs 200 U-girders within a month

NOIDA-G NOIDA LINE Before this, DMRC installed a maximum of 110 U-girders in a month on the Faridabad line

HT Correspondent
*https://www.hindustantimes.com

NOIDA: The Delhi Metro Rail Corporation (DMRC) has made a "record progress" by installing 200 U-girders in a month on the under construction Noida-Greater Noida link.

The marathon task has been completed because of the efforts of a huge team of engineers and construction workers, said metro officials.

According to DMRC, installation of the 200 girders has ensured completion of approximately 17 km of the two-storey elevated viaduct.

"If this work happened in May, significantly expediting the progress of construction on the corridor is a big achievement," said Manoj Singh, managing director, DMRC.

"The first was achieved by DMRC engineers this month in close coordination with the Noida Metro Rail Corporation (NMRC) and local district authorities."

Site cranes and six trailers were deployed for launching the U-girders on this corridor. This is the maximum number of U-girders ever installed for any metro corridor in India within a month," said Singh.

Till now, the DMRC had installed a maximum of 110 U-girders in a month on the Faridabad corridor.

The viaduct on the Noida-Greater Noida section is being constructed with a specialised technique of precast pile caps and precast U-girders. These U-girders are being cast at yards, mainly in Noida and Greater Noida. The length of U-girders is 21m and they weigh around 18 tonnes.

According to the DMRC, the



With the installation, 2.7 km of the two-storey elevated viaduct has been completed.

transportation of U-girders from the casting yards to the site is a challenge because of its length and width.

"Specialised trailers are used for transporting these U-girders. The transportation takes place at night and under regulated traffic. Escort vehicles are deployed for transporting them by road," the

spokesperson said. U-girders have been used on the airport line and the Faridabad corridor of the DMRC and the Kharli Metro and Lucknow Metro.

During a recent visit to the site, Noida Metro managing director of the NMRC, expressed satisfaction over the progress of the work and assured full support and cooperation for the completion of this line before the scheduled start of March, 2018.

The work of the Noida-Greater Noida corridor is being executed by the DMRC on behalf of the NMRC. The civil work on this corridor consists of 20 km of viaduct and 25 stations.

8 TIMES CITY | NOIDA & GHAZI

Noida Metro sets a new fast record

200 U-Girders Launched In A Month Is Highest In India, Beats 110 For Faridabad Line

Shashank Khatkar
*https://www.timesgroup.com

Noida: The Delhi Metro Rail Corporation (DMRC) on Tuesday said it has launched a record 200 U-girders — which is equivalent to approximately 2.7 km of elevated viaduct — on the Noida-Greater Noida Metro track in May. The track's first U-girder in December last year.

"If trains roll by the end of 2017, as DMRC has targeted, Noida Metro will set a world record of being the first Metro to be commissioned within two and a half years of launch," a senior official said.

According to DMRC's managing director, Manoj Singh, the latest feat of launching 200 U-girders in May will significantly expedite the progress of construction on the corridor.

"This is the maximum number of U-girders ever launched in any Metro corridor in India within a



The 20 km link is ahead of schedule and is likely to be operational by the end of 2017.

month. Till now, DMRC had achieved a maximum of 110 U-girders in a month on the Faridabad corridor," said Anuj Dey, executive director, corporate communications, DMRC.

DMRC officials said the U-girders were being cast at two casting yards located in Noida and Greater Noida. Till now,

out of a total 1,000 U-girders, 360 have been launched, while 140 remain in stock. Every month, the DMRC targets a launch of 100 girders.

"The typical length of U-girders is 21 metres and weights around 18 tonnes. The main challenge of U-girders is precision in casting as well as

launching, which requires specialised cranes of 300-400 tonnes capacity to launch the U-girders," Dey said.

Six cranes and six trailers were deployed for launching the U-girders on this corridor. Specialised trailers were mobilised for transporting these U-girders. They were mainly

transported at night. "U-girders have been primarily used on the Airport Line and the Faridabad corridor of DMRC, Kharli Metro and Lucknow Metro," he said.

The work of Noida-Greater Noida corridor is being executed by the DMRC on behalf of the NMRC. The civil work on this corridor consists of 20 km of viaduct and 25 stations. Six kilometres of viaduct has been completed already on this corridor in a span of one year since the award of the first contract for civil works.

The viaduct on the Noida-Greater Noida section is being constructed by a specialised technique of precast pile caps and precast U-girders. Roof casting of five stations has already been completed. These stations include sectors 71, 137, 141, 148 and Delta in Greater Noida. So far about 65% of civil works has been completed on the corridor.

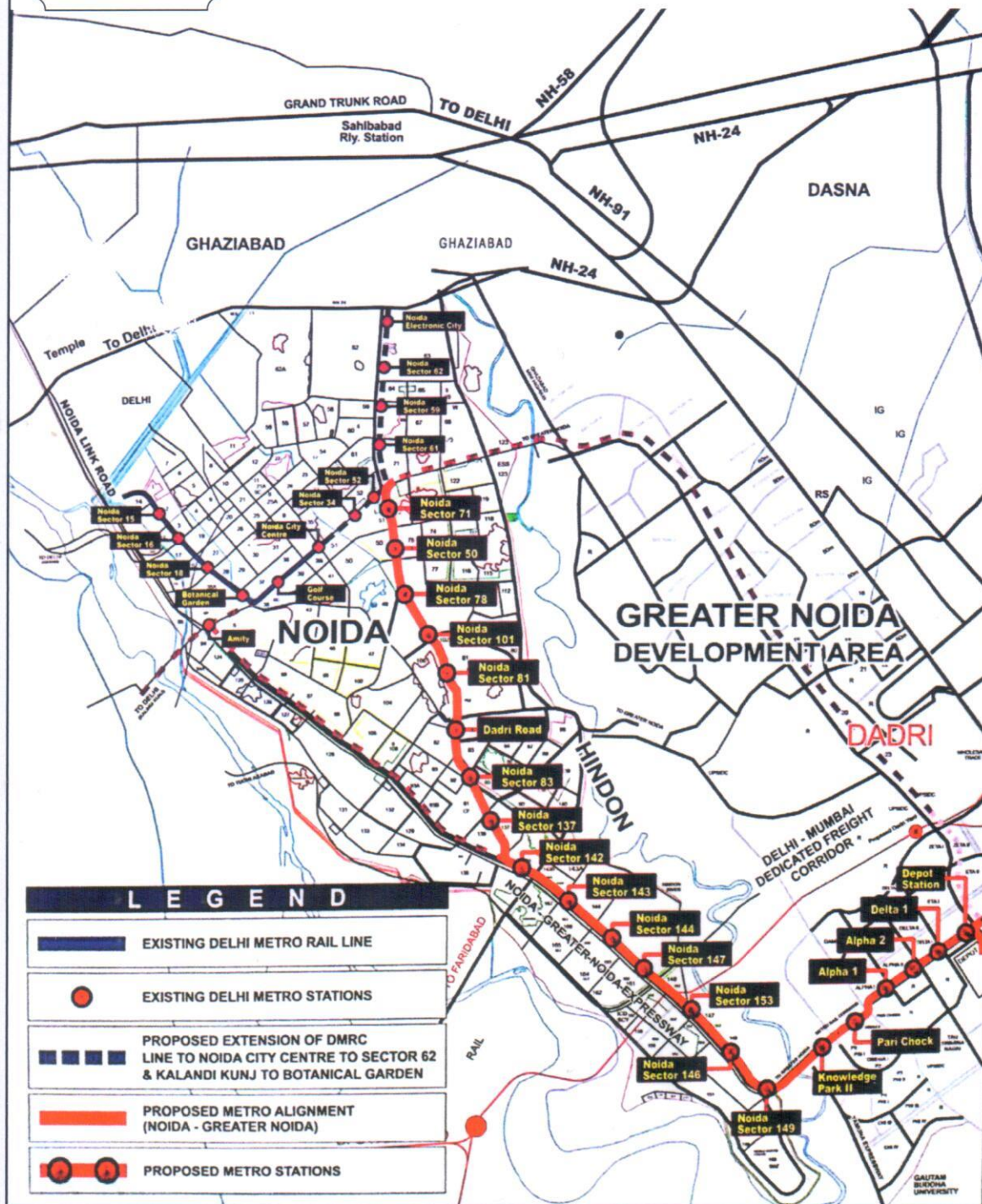
Metro sets record-Hindustan Times

Metro sets speed record-The Times of India



METRO NETWORK

NOIDA - GREATER NOIDA



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