

FAST FACT

■ ACCORDING TO THE PLANNED ALIGNMENT, 19 METRO STATIONS HAVE BEEN PROPOSED IN THE 28KM-LONG NOIDA AND GREATER NOIDA METRO LINK, WHICH WILL COST AROUND RS 5,000 CRORE

In order to boost connectivity between Delhi and the NCR regions, the existing Delhi-Noida Metro line will be extended

NCR'S GRAND TROIKA ON A DECONGESTION DRIVE

QUICK BITES

■ NEARLY 65,000 PASSENGERS WILL COMMUTE DAILY (IN PEAK HOURS) ON THE PROPOSED METRO TRACK. THE PROPOSED METRO LINK WILL CONNECT TO GHAZIABAD IN THE SECOND PHASE OF THE PLAN

■ NOIDA-GREATER NOIDA AUTHORITY HAS ALSO MADE A PROPOSAL FOR A 'CHAIN OF CONNECTIVITY' TO LINK THE TWIN CITIES TO DELHI AND OTHER NCR TOWNS LIKE GHAZIABAD, GURGAON AND FARIDABAD AND THIS PROPOSAL HAS BEEN ALREADY APPROVED BY THE DMRC

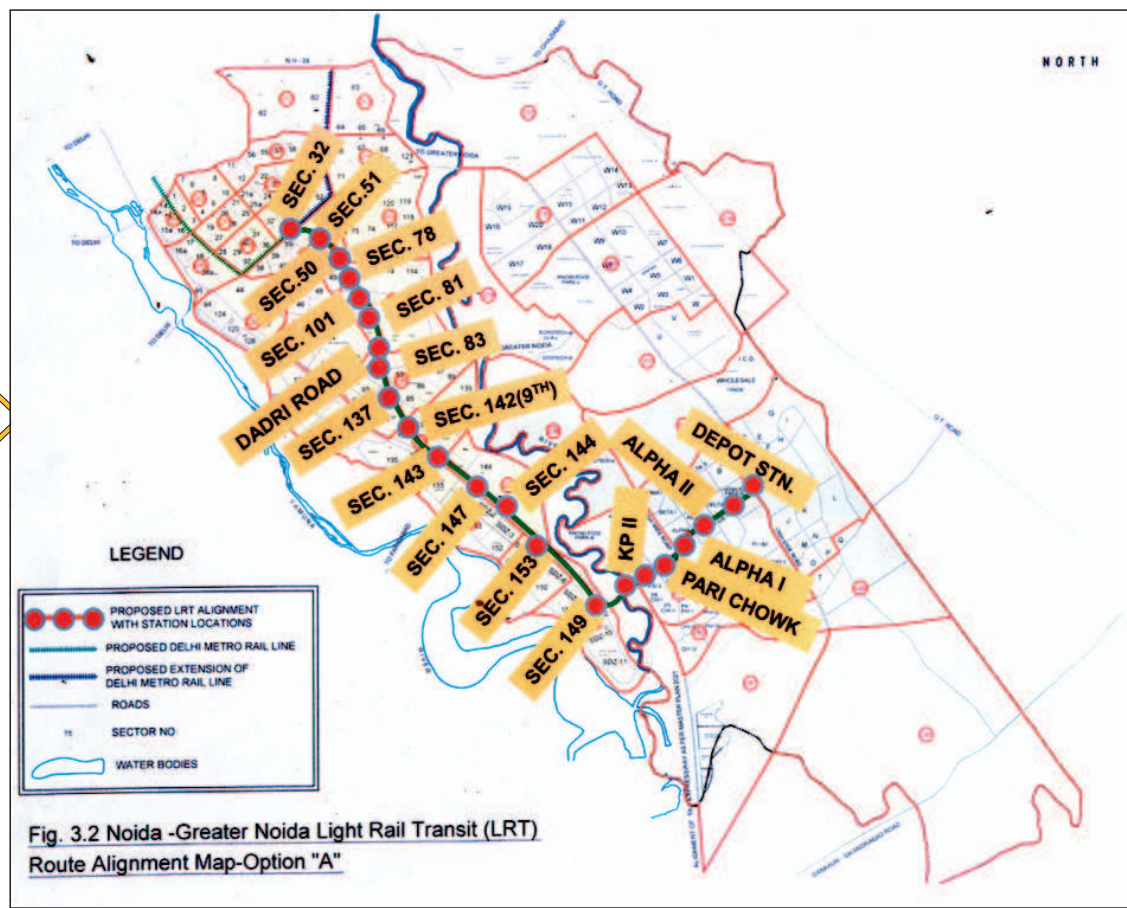
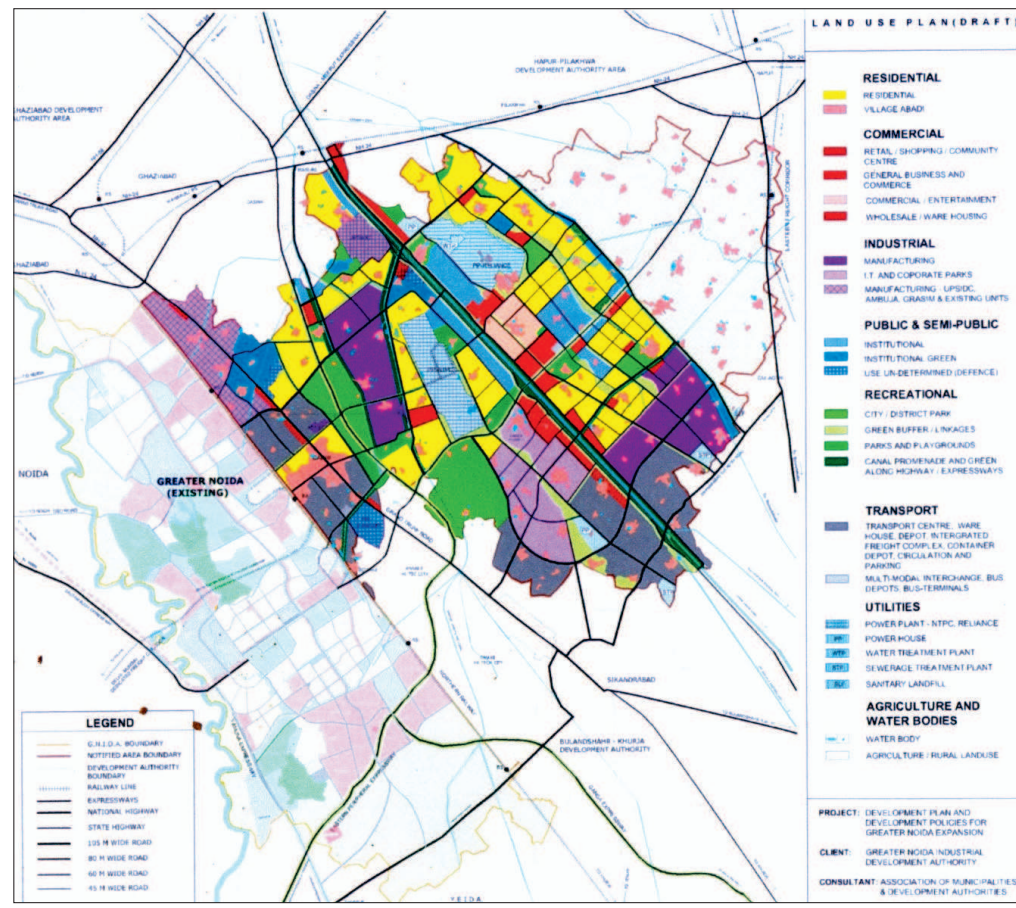


Fig. 3.2 Noida -Greater Noida Light Rail Transit (LRT) Route Alignment Map-Option "A"



Noida-Greater Noida and Ghaziabad are on a major decongestion drive and the urban development authorities are going all out to improve and buttress road infrastructure – new Metro lines, too, will play a major part in this and boost the connectivity of this troika with Delhi and other cities of the NCR. **A K TIWARY** reports

Commuting from Delhi to Noida-Greater Noida and Ghaziabad will become easier in the near future, as the authorities concerned have designed a major road network and also the Metro line connecting these areas. A 28km-long Noida-Greater Noida Metro line will be completed by 2013 and in addition, six road networks are being finalized.

Rama Raman, CEO of Noida-Greater Noida authority, says: "In order to boost connectivity between the national capital and other NCR regions, we have planned to extend the existing Delhi-Noida Metro line. For this, a detailed project report (DPR) has already been approved. Now, we are approaching the financial institutions for viability gap funds and tax exemptions to meet the requirement. To obtain clearances from the departments concerned, the authority has appointed

DMRC (Delhi Metro Rail Corporation) as a consultant. According to the planned alignment, 19 Metro stations have been proposed in the 28km-long Noida and Greater Noida Metro link, which will cost around Rs 5,000 crore. Nearly 65,000 passengers will commute daily (in peak hours) on the proposed Metro track. This Metro link will connect to Ghaziabad in the second phase of the plan."

Noida-Greater Noida authority has also made a proposal for a "chain of connectivity" to link the twin cities to Delhi and other NCR towns like Ghaziabad, Gurgaon and Faridabad and this proposal has been already approved by the DMRC. In the chain of connectivity, the authority has proposed two new Metro links which cover all major areas of Delhi and the NCR. Under this, for the new Metro link 1, the existing Metro terminal at Sector 32 (City Centre) will be extended up to Sector 62 and further

Proposed Metro stations in Greater Noida

City Centre (Sector 32), Sector 51, Sector 50, Sector 78, Sector 101, Sector 81, Dadri Road, Sector 83, Sector 137, Sector 143, Sector 147, Sector 144, Sector 153, Sector 149, Knowledge Park 2, Knowledge Park 2, Pari Chowk, Alpha1, Alpha2 and Boraki (Depot Station)
Daily commuters: 65,000 (in peak hours)

Major road networking plan

130 meter wide and 28km-long:	Parthala to Jewar
105 meter wide and 23km-long:	Pari Chowk to Hapud
60 meter wide and 12km-long:	Noor Nagar to LG chowk
60 meter wide and 18km-long:	Saini to Kuri Kheda
Date of completion:	2013

connect to Gajipur (Delhi). This new Metro link will cover Gajipur, Kalyanpuri, Mayur Vihar Phase 1, Sarai Kale Khan, Moolchand, AIIMS, and Bhikaji Kame Place. And through the new Metro link 2, Sector 18 will be extended up to NH 8.

It will cover AIIMS, Okhla, Nehru Place, Malviya Nagar, and Vasant Kunj and further connect to Gurgaon and Faridabad via Central Secretariat and Badarpur. When the dream comes true, Noida's Sector 32 (City Centre)

Metro line will extend up to Indirapuram via Sector 62, which connects further to Vaishali Sector 4-Indirapuram Metro route.

To improve the city-level infrastructure, the twin cities of Noida-Greater Noida and Ghaziabad entered a new phase with intense planning and implementation of city-level infrastructure. The authorities have designed six major road network plans.

Under the major road networking plan, a 130-meter wide and 28km-long highway from Parthala to Jewar, a 105-meter wide and 23km-long highway from Pari Chowk to Hapud, a 60-meter wide and 12km-long highway from Noor Nagar to LG Chowk and another 60-meter wide and 18km-long highway from Saini to Kuri Kheda will be constructed by 2013. All these will be linked to Noida-Greater Noida Extension, the existing expressway and to the proposed Eastern Peripheral. Like the Noida-

Greater Noida authority, the Ghaziabad Development Authority (GDA) has also planned for major road infrastructure. Under this head, 17 flyovers including three clovers have been proposed with some nearly completed.

According to Narendra Kumar Chaudhary, VC of GDA, the city will benefit from the 6-8 lane expressway linking Delhi to Meerut, Hapur and Bulandshahr. These three expressways, as well as the Delhi Metro peripheral (on the lines of Paris peripheral), will be a part of the new development in Ghaziabad. And, like Noida and Greater Noida authority, GDA's proposal of an express-highway linking Meerut crossing to NH 24 will create integrated flyovers at all level crossings. In addition, the Delhi Metro service, the Northern Railway project (Integrated Railway-Bus Transport system) will make commuting easy between Noida, Ghaziabad and Delhi.

YAMUNA EXPRESSWAY: HIGHWAY TO ALL-ROUND PROGRESS

If all goes well, the six-lane 165km-long Yamuna Expressway (Noida to Agra) will become operational by June this year and commuters can zip along this highway at nearly 100km per hour. **PUNITA TIWARY** writes

Now you can enjoy a fast drive (100 km per hour) on a six-lane non-stop Yamuna Expressway, as the project is almost complete. If all goes well, the six-lane 165km-long Yamuna Expressway (Noida to Agra) will become operational by June. Once the project is complete, the local population will be left completely undisturbed.

The project connects two important destinations of national and international importance - the national capital of Delhi and the international tourist destination, Agra. Both these places have high potential to generate traffic and economic development. Agra is already well connected by Kolkata, Mumbai, Jaipur, etc. by a network of National Highways and the proposed Expressway will provide high level connectivity to all these routes from Delhi, especially when the proposed ring road around Agra comes into being.

Mohinder Singh, chairman and CEO of Yamuna Expressway Industrial Development Authority (YEA), says: "The fast developing urban conglomerates at Noida and Greater Noida, with their proximity to the NCT of Delhi, are in need of an uninterrupted direct route to Agra. This will further enhance economic development of Uttar Pradesh - the Yamuna Expressway will be a catalyst in this."

Vikash Gupta, director of Earth Infrastructure, says: "With the expressway coming up along the proposed Taj Economic Zone, and the Taj International Hub Airport within easy reach of Delhi, Noida and Greater Noida, the Yamuna Expressway [erstwhile Taj Expressway] Project would accelerate overall development of the region."

The Yamuna Expressway lies between the high density vital traffic corridors of the national highway connecting Delhi and Agra and the old Sher Shah Suri Road (NH 91) connecting Kanpur-Aligarh-Khurja-Bulandshahr-Ghaziabad and Delhi. The expressway has a great potential of attracting traffic from all these routes."

P C Gupta, DyCEO of YEA, says: "The Yamuna Expressway will provide connectivity between the various satellite towns of the National Capital Region of Delhi like Noida, Greater Noida, Ghaziabad, Meerut

Yamuna Expressway	
Length:	165.5km
Right of Way:	100 metre
Number of lanes:	6 lanes extend able to 8 lanes
Type of pavement:	Rigid (concrete)
Structures	
Interchange:	7
Main toll plaza:	3
Toll plazas on interchange loop:	7
Underpasses:	35
Rail over bridge:	1
Major bridge:	1
Minor bridge:	42
Cart track crossings:	68
Culverts:	204

and Faridabad with Aligarh, Mathura and Agra. Mathura and Agra are well-known international tourist destinations."

The Yamuna Expressway along with the existing NH 2 and NH 91 and interconnectivity between all three of them will form a good network of roads, which in turn, open up a vast area to all-round development in the whole region. The huge urban conglomerates in Noida and

Greater Noida with their own potential will have easy accessibility to Aligarh, Mathura and Agra. The proposed export promotion zones (EPZs), including Taj Economic Zone along the Yamuna Expressway, coupled with the Taj International Hub Airport on 2,340 hectare, will promote economic development of the area, as well as UP as a whole.

Rakesh Yadav, the MD of Antriksh Group, says: "Safe, shorter travel time and the accessibility in the region will accelerate land development along the Yamuna Expressway in a planned manner for commercial, industrial, institutional amusement and residential purposes. Once the expressway is operational, property rates may double in the Yamuna Zone'."



QUICK BITES

■ THE PROJECT CONNECTS TWO IMPORTANT DESTINATIONS OF NATIONAL AND INTERNATIONAL IMPORTANCE – THE NATIONAL CAPITAL OF DELHI AND THE INTERNATIONAL TOURIST DESTINATION, AGRA

■ AGRA IS ALREADY WELL CONNECTED BY KOLKATA, MUMBAI, JAIPUR, ETC. BY A NETWORK OF NATIONAL HIGHWAYS. THE PROPOSED EXPRESSWAY WILL PROVIDE HIGH LEVEL CONNECTIVITY TO ALL THESE ROUTES FROM DELHI, ESPECIALLY WHEN THE PROPOSED RING ROAD AROUND AGRA COMES INTO BEING