

Press Release

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AMEERPET INTERCHANGE STATION – AN ENGINEERING MARVEL

Spread over two lakh square feet, Ameerpet Interchange Metro Station in Hyderabad is one of the largest metro stations in the country with many special features being constructed by L&T Metro Rail (Hyderabad) Limited (LTMRHL).

LTMRHL proudly presents the L&T team and partners involved in building the pivotal Ameerpet Interchange Metro Station.

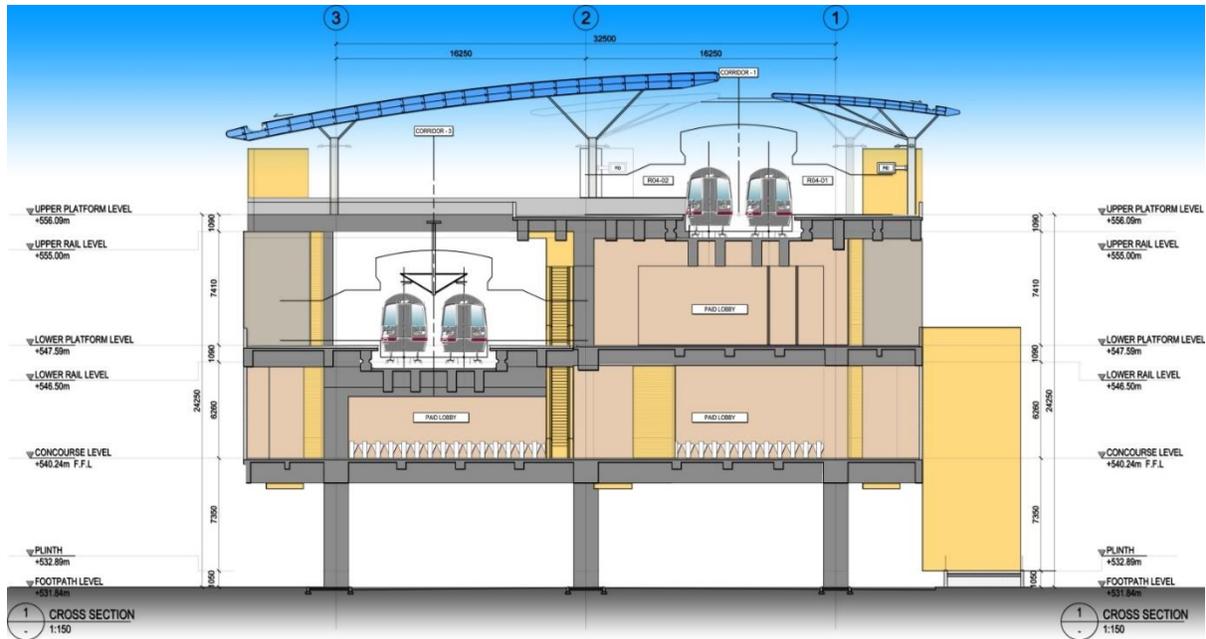


Mr. Shivanand Nimbargi, MD & CEO, LTMRHL and Mr. M P Naidu, Project Director, LTMRHL with L&T team and partners at Ameerpet Interchange Metro Station.

The station is built in a unique way for effortless interchange of commuters across both corridors (Corridor 1-Miyapur to LB Nagar at higher level, Corridor 3 - Nagole to Shilparamam at lower level).

All the facilities at the station are seamlessly integrated in a passenger-friendly manner and passengers can transit from one corridor to another in a smooth way

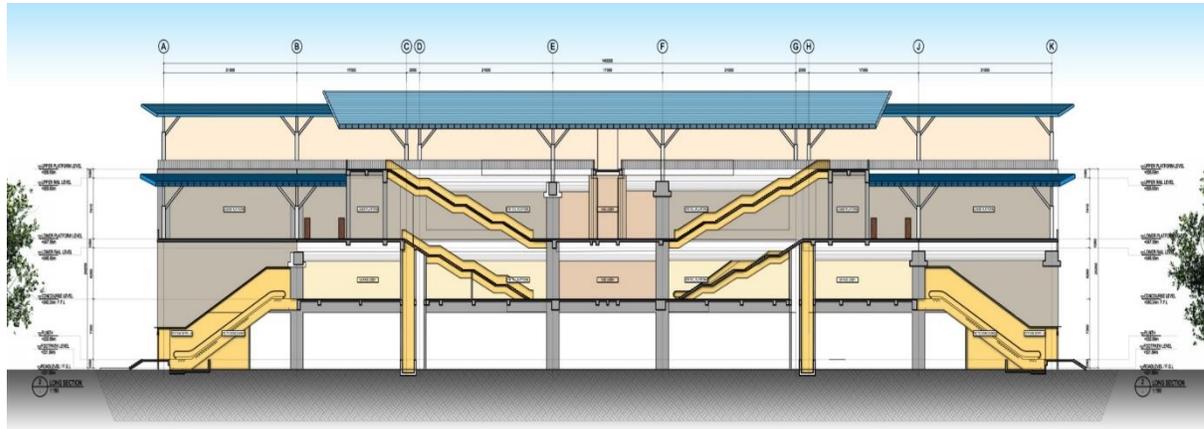
Station Cross Section:



Highlights of the Ameerpet Interchange Metro Station:

- Conceptualised, designed and executed by in-house team of L&T.
- The station measures 142 m long and 40 m wide. This will have retail outlets, entertainment zones and convenience outlets.
- Concourse unpaid level will be used by pedestrians to cross over from one lane to another allowing uninterrupted traffic movement.
- Entry into this level will not require a ticket. Convenience stores, ATM machines, offices for the technical staff and other amenities are provided on this level.
- Platform level of corridor 1 will be at 30 m height and roof level at 36 m.
- The roof is designed with tetrahedron supported steel columns which are placed on the edge, for unobstructed view and improved aesthetics.
- Station is provisioned with entry and exits from all four sides for Commuters to enter the station.
- Intermediate floors between the slabs have been created to accommodate technical services.
- The concourse level will have all the technical rooms, automatic fare collection gates, ticketing rooms etc.
- The main area of the station is done up aesthetically with brown granite flooring.
- The integrated station has 8 lifts, 16 escalators and sufficient number of staircases.

Longitudinal Section:

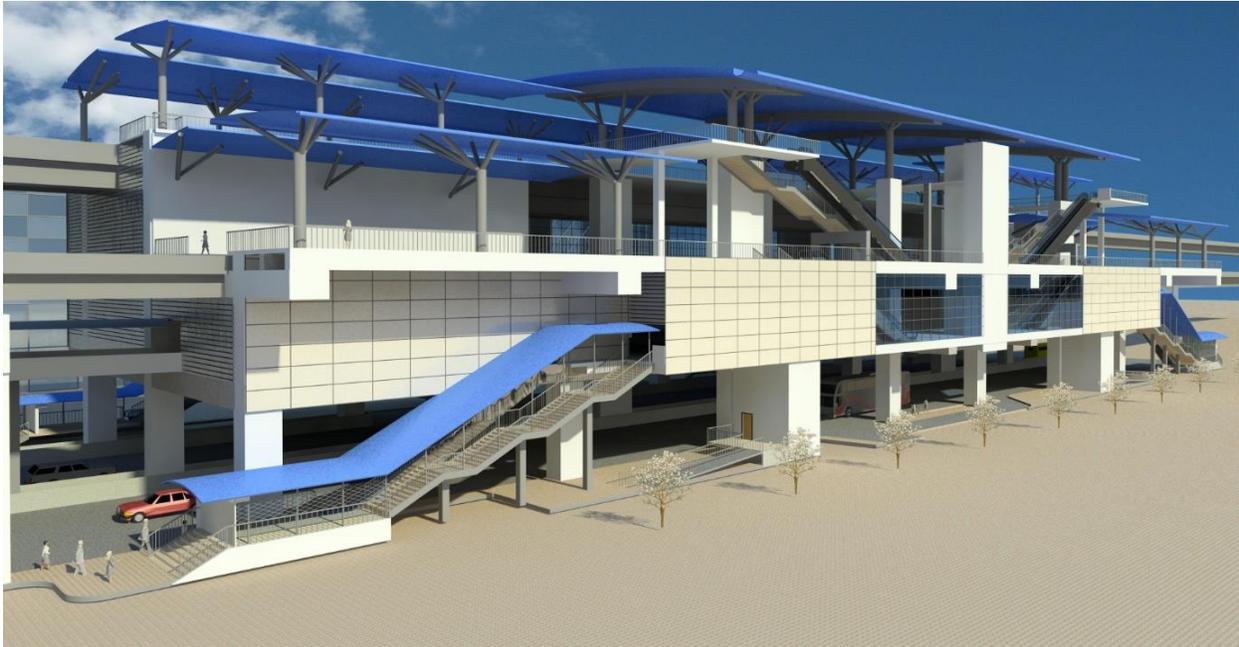


- Fully automated sumps of one lakh litre capacity each have been provided for domestic use as well as fire exigency.
- Rain water harvesting pits are also located below the arms to take the surface runoff.
- Air conditioning with energy efficient system are made available.
- Advanced building management system has been provided to monitor operations from single command control centre.
- Emergency evacuation system for station, automated fire protection system with clean gas are provided at technical rooms.
- As many as 40,000 passengers are expected to use the station every day, the open spaces, lifts, escalators, staircases etc. will able to accommodate a minimum of 6,000 passengers at any point of time.
- It will have easy signage and special announcement facilities for passengers of all needs, including the differently abled people to understand and change over from one platform to the other.
- Apart from 33 kV redundant power supply from three different sources backup power is also made available with two 400 kVA Diesel Generator sets & redundant UPS Power Supply for each corridor. Station is illuminated with Energy efficient LED lights. Total 20 km of Cables are used in the station.
- All Electrical & essential Services can be monitored from Operation Control Centre Located at Uppal Depot.
- Unlike at other stations, where the trains halt for minimum~20 seconds, they will halt for two minutes at the interchange station. Passengers will have enough time to alight and board another train at another floor in the station.
- More than 1000-1200 workers and engineers of LTMRHL are working round the clock to get the station shaped up.
- More than 25,000 cum concrete has been poured.

Green Building Initiatives:

- Sustainable environment
- Recycling waste
- Low heat dissipation
- Energy Conservation

Perspective:



L&T Metro Rail (Hyderabad) Limited:

L&T Metro Rail (Hyderabad) Limited is a subsidiary of Larsen & Toubro, an Indian multinational engaged in technology, engineering, construction, manufacturing and financial services with USD 17 billion in revenue. It operates in over 30 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for over seven decades.

HYDERABAD

13th November 2017