

Surveys of JBS corridors to end next month: HMRL

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HYDERABAD, FEB. 16

Survey and investigation works on the JBS-Medchal (24 km) and JBS-Shamirpet (21 km) Metro corridors are progressing at a rapid pace, with key studies set for completion by the end of this month, according to HMRL managing director N.V.S. Reddy.

The detailed project reports (DPRs) require three crucial studies: traffic surveys, soil testing (geotechnical investigation) and environmental impact assessment (EIA). The traffic survey will analyse daily commuter volumes, future travel demand, junction movements, pedestrian density, travel time, and the potential shift to metro rail as the mode of transportation.

The EIA study will assess air quality, noise pollution, water resources, biodiversity, and the project's impact on local livelihoods. Meanwhile, soil testing will evaluate subsoil conditions, load-bearing capacity, groundwater levels, and seismic risks, ensuring that the pillars and stations are structurally sound and stable.

Soil tests are nearing completion at 25 locations along the JBS-Medchal route and 19 along the JBS-Shamirpet route. The findings will help finalise the alignment and structural design of the corridors.

All studies, including those for the Shamshabad airport-Future City route, will be completed by March-end, he said. The DPRs will then be submitted for state and central approvals.