







# Metro Digest

### FIRST TRAINSET FOR CHENNAI METRO PHASE-2 COMPLETED AT ALSTOM, SRICITY



Chennai Metro Rail Limited had awarded the contract to M/s. Alstom Transport India Limited for manufacturing of 36 no. of driverless trainsets (3-car formations, totalling 108 cars) for the Phase 2 project, valued at INR 1,215.92 Crore.

Manufacturing of the first train began on February 8, 2024 at Alstom's facility in Sricity, Andhra Pradesh. The first trainset was successfully transferred to testing bay on September 22, 2024, in the presence of **Thiru. Har Sahay Meena**, **I.A.S, Principal Secretary** of the Special

Initiatives Department, along with Thiru. Rajesh Chaturvedi, Director (Systems and Operations) of CMRL, and Thiru. Anilkumar Saini, Managing Director of Rolling Stock at Alstom, and other officials from CMRL and Alstom Transport India Limited were present during the occasion.

After completing static tests, the train will be delivered to the Poonamallee Depot for further trials and safety verifications before beginning passenger operations.





Kaveri which had commenced its tunneling from Greenways Road Station towards Adyar Junction Station on December 30, 2023, in Corridor 3 between Madhavaram and Sholinganallur. This TBM had successful breakthrough at the Adyar Shaft on September 19, overcoming challenging conditions, including rock and sand layers. The second TBM, 'Adyar,' is currently 277 meters away from the Adyar shaft and is expected to reach by November 2024.

Thiru T. Archunan, Director (Projects), CMRL, Thiru Anto Jos Menachery, GM (Civil UG), Thiru M. Ravichandran, GM (Civil UG), and other officials from CMRL and the General Consultant team were present during the occasion.













On September 20, 2024, Chennai Rail Limited expanded the parking facility at Arignar Anna Alandur Metro Station to accommodate the growing passenger demand. The newly renovated parking area can additional accommodate an 300 two-wheelers, enhancing the existing capacity of 1,300 two-wheelers and 180 four-wheelers.

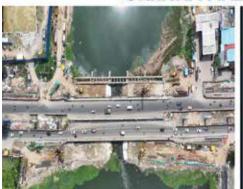
Thiru. Rajesh Chaturvedi,
Director (Systems and Operations),
inaugurated the upgraded parking in
the presence of Thiru T. Archunan,
Director (Projects), Thiru. Gopinath
Mallya, (Chief Advisor Operation and
Maintenance), Thiru. S. Satheesh
Prabhu, AGM (Rolling Stock &
Operations), along with senior officials
and staff of CMRL.



## CMRL COMPLETES CLEANING OF THE OKKIYAM MADUVU WATERWAYS WORKS BEFORE COMPLETION DATE AS CHENNAI GEARS UP FOR THE MONSOON SEASON

OKKIYAM MADUVU BRIDGE

Chennai Metro has been entrusted with the expansion of the Okkiyam Maduvu waterway along with construction of 5 lane road bridge. This crucial work is being performed at the request of the Water Resources Department. The work involves demolishing the existing bridge after





BEFORE

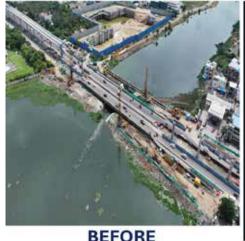
AFTER

building a new one with a wider waterway to prevent flooding in the Pallikaranai marsh area.

The devastating floods caused by Cyclone Michaung in December 2023 highlighted a critical issue: the inadequate capacity of the existing **Okkiyam Maduvu bridge to handle heavy rainfall.** It was proposed to increase the vent way, which is presently about 80m, and the height of the vent way is also less. Hence, to address this, a meeting was held in the Secretariat, and it was decided to increase the vent way to 200 m with an addition of 1.5 m vertical clearance. The work is part of constructing a 2-lane road on the bridge with a provision of 3 additional lanes on either side. A future 5 lane on each side.

The pile works has been completed for 2 lane road on each side. CMRL's main priority of cleaning the maduvu has been completed and all 5 vents have improved capacity to handle the surge of water this upcoming monsoon season. CMRL wishes to highlight that the work was completed ahead of

#### **OKKIYAM MADUVU BRIDGE**





**AFTER** 

schedule on September 14, 2024. The before and after images will clearly highlight the improved maduvu capacity and are better equipped to handle future rainfall. After heavy monsoon, the balance road bridge work will be undertaken.





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