



metro Digest

SEPTMBER - 2023 - VOL - 09



1ST TUNNEL BORING MACHINE (FLAMINGO - S1352A) WAS LAUNCHED ON SEPTEMBER 01, 2023

Chennai Metro Rail Phase 2 Corridor 4, spanning 26.1 km, connects the beachfront from Light House station to Poonamallee Depot with 9 underground and 18 elevated stations. The underground section covered 10 km, starting from the Light House and traversing from historic locations like Mylapore and Kutcheri Road to modern areas such as Alwarpet, Bharatidasan Road, Boat Club, Panagal Park and Kodambakkam.

A total of four Tunnel Boring Machines (TBMs) were utilised in Corridor 4 underground projects, namely C4-UG 01 & C4-UG 02, which were bagged by ITD Cementation India Limited to construct both metro stations and their tunnels. Two TBMs, namely Flamingo (S1352A) and Eagle (S1073B), were launched at Light House, and two TBMs, namely Peacock (S1074B) and Pelican (S1075B), were launched at Panagal Park.

The 1st tunnel construction in Corridor 4 for a total length of 1.96 km was commenced on September 1, 2023, from Light House to Thirumayilai Metro by TBM Flamingo lowered in the south shaft-down line.

Thiru. T. Archunan, Director Projects, CMRL, launched the first TBM (Flamingo) of Corridor 4 at Marina Beach Light House Station located at Marina Beach, Chennai, in the presence of CMRL senior officials, general consultants, **M/s AEON Consortium**, and **ITD Cementation**.



AN AUTOMATED CONCRETE DISTRIBUTION SYSTEM WAS COMMISSIONED AT THE CASTING YARD BY LARSEN & TOUBRO

Contractor **M/s Larsen & Toubro** started tunnelling in February 2023 for Corridor 3 (TU02) between Kellys and Taramani, employing 8 Tunnel Boring Machines. This project required 18,000 concrete segment rings, with 17,100 rings at 1.4m width and 900 rings at 1.2m width for tighter curves.

M/s Larsen & Toubro initiated segment manufacturing in May 2022 after establishing a casting yard in Vanagaram, Chennai, producing 4,400 rings, each uniquely barcoded with RFID for traceability.

Thiru. T. Archunan, Director Projects of CMRL, inaugurated **M/s Larsen & Toubro's** automated concrete distribution system in the presence of senior officials and staff of CMRL and L & T on September 7, 2023. This system automatically delivers concrete from the concrete batching plant to the segment moulds, increasing production capacity while minimising manpower, enhancing production, and reducing carbon emissions.

This eco-friendly technology from Elematic OYJ, Finland, was a pioneering step for CMRL, as it was the first project in India to adopt this technique undertaken by the contractor.





CHENNAI METRO RAIL LIMITED SIGNED THREE (03) CONTRACT AGREEMENTS WITH RAIL VIKAS NIGAM LIMITED

Chennai Metro Rail Limited had signed the Contract Agreement for Contract No. C3-CP03-UG-03, C3-CP04-UG04, and C3-CP05-UG05 with **M/s Rail Vikas Nigam Limited** on **September 13 2023**.

On June 20 2023, the Letter of Acceptance (LOA) for three (03) tenders was issued to M/s Rail Vikas Nigam Limited for Tender No. CMRL/CON/PHASE-II/CORR-3/CP03/UG03-RT01/2021 with a value of INR 1730.60 Cr, Tender No. CMRL/CON/PHASE-II/CORR-3/CP04/UG04-RT01/2021 with a value of INR 1461.97 Cr, and Tender No. CMRL/CON/PHASE-II/CORR-3/CP05/UG05-RT01/2021 with a value of INR 865.63 Cr. The combined value of all three works was INR 4058.20 Cr. These three packages were funded by JICA under Loan Agreement No.ID-P272.

The scope of these three (3) packages involved the construction of 12 full underground metro stations and 4 underground metro station works other than the diaphragm wall from Kilpauk Metro to Taramani.

The Contract Agreement was signed in the presence of **Thiru. M.A. Siddique**, I.A.S., Managing Director of CMRL, by **Thiru. T. Archunan**, IRSE – Director (Projects) on behalf of CMRL, and **Thiru. Kamalakara Reddy**, Chief Project Manager / Coordination / Chennai on behalf of M/s Rail Vikas Nigam Limited.

Thiru. T. Livingstone Eliazar, Chief General Manager (PP&D), **Tmt. Rekha Prakash**, Chief General Manager (PD), **Thiru. Ravichandran** -General Manager (UG), **Thiru. D. Gurunath Reddy**, Additional General Manager (CP), officials from CMRL, GC, and the contractor were also present during the occasion.

DETAILED FEASIBILITY REPORTS (DFRs) FOR THE EXTENSION OF CORRIDOR 5 AND CORRIDOR 3 WERE SUBMITTED



Detailed Feasibility Reports (DFRs) for recommendation of Metro Rail for the Extension of Corridor 5 of Chennai Metro Phase 2 from Koyambedu to Avadi (Via Thirumangalam, Mogappair) and Extension of Corridor 3 of Chennai Metro Phase 2 from Siruseri to Kilbakkam Bus Terminus via Kelambakkam were submitted by **Thiru. M.A. Siddique**, I.A.S., Principal Secretary to Government, Managing Director, CMRL to **Thiru. Ramesh Chand Meena**, I.A.S., Additional Chief Secretary, Special Initiatives, Government of Tamil Nadu at Secretariat, Chennai on September 20, 2023.

Thiru. T. Archunan, Director (Projects), **Thiru. T. Livingstone Eliazer**, Chief General Manager (PP&D), **Tmt. Rekha Prakash**, CGM (PD), and Senior Officials of CMRL were present during the occasion.

Proposed Salient features of Detailed Feasibility Reports (DFR) are as follows.

1. ***Study for Extension of Corridor 5 from Koyambedu to Avadi (Via Thirumangalam, Mogappair):***

The proposed feasibility study suggests extending Corridor 5 by approximately 16.07 km with around 15 elevated stations, at an estimated cost of INR 6,376.18 Cr. CMRL suggests further exploration of extending the line to Pattabiram, considering factors like the IT Park, land availability, and future growth potential. The final number of stations will be determined during the DPR stage after an alignment study.

2. ***Study for Extension of Corridor 3 from Siruseri to Kilambakkam Bus Terminus via Kelambakkam:***

A detailed feasibility study for the Siruseri to Kilambakkam extension (23.5 km) with 12 elevated stations estimated at INR 5,458.06 Cr has been conducted. Due to lower projected ridership, CMRL recommends enhanced city bus services for this stretch to Kilambakkam Bus Terminus.

STRICT ACTION WILL BE TAKEN AGAINST OBSTRUCTING METRO TRAIN OPERATIONS

In response to the recurring instances of certain passengers obstructing doors during peak hours, Chennai Metro Rail Limited is taking proactive measures to ensure passenger safety and convenience. Passengers are urged to be aware that obstructing train doors is not only an inconvenience but also a violation of the law. The Operations and Maintenance Act of 2002, Section 67 outlines the offense of obstructing the running of a train and prescribes penalties for the same.

DOOR OBSTRUCTION: A SERIOUS OFFENSE

Obstructing train doors poses serious safety risks, disrupts service, and can result in injuries. It is essential for passengers to understand that obstructing doors is not only a breach of safety protocols but also a punishable offense under the Operations and Maintenance Act of 2002, Section 67 with the following;

Punishable with imprisonment for up to four years.

A fine of up to five thousand rupees (Rs.5000/-).

REPORT SUSPECTED OFFENSES

Passengers who witness any such activities are immediately requested to report to customer care Helpline – 1860-425-1515 to take the necessary action. Your cooperation ensures the safety and well-being of all passengers.

CMRL'S COMMITMENT TO SAFETY

CMRL remains steadfast in its commitment to providing safe and efficient transportation services. We are dedicated to maintaining a secure environment for all passengers and will take every measure necessary to ensure the integrity of our services.

OFFERS



20% Fare Discount

On All Metro Rides For Travel Card, Singara Chennai Card, E-QR Code, Paytm Ticketing and WhatsApp Ticketing.

DISCOUNT FARE



MINIMUM ₹8/-

MAXIMUM ₹40/-



TOURIST CARD
AVAILABLE
FOR UNLIMITED
RIDES

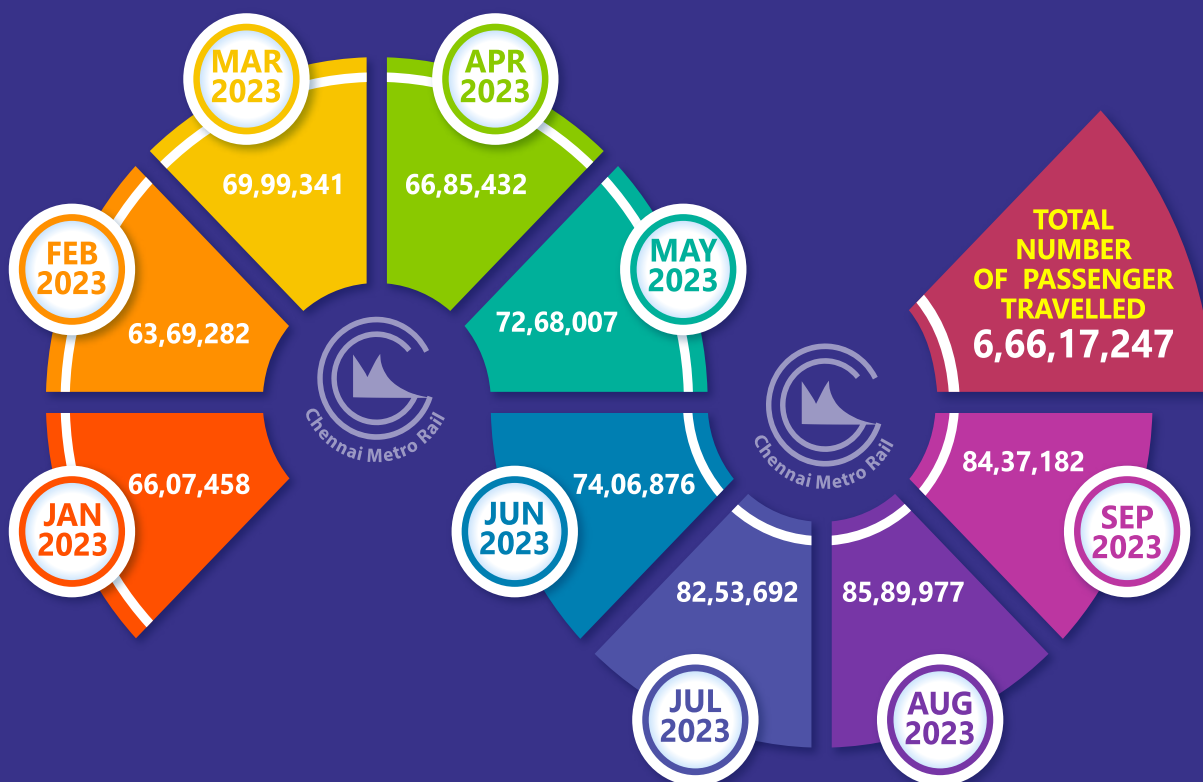
1 Day ₹ 100/-

30 Days ₹ 2500/-

PASSENGER TRAFFIC RECORDS STEADY GROWTH IN SEPTEMBER, 2023 IN CHENNAI METRO RAIL OVER 84.37 LAKH PASSENGERS TRAVELLED DURING THE MONTH OF SEPTEMBER

CMRL has always endeavored to provide the people of Chennai a safe, efficient and a reliable travel partner.

The ridership details from January 2023 to September 2023 are as follows:



September 15 2023 recorded the highest passenger flow for the month, with 3,37,586 passengers.

In the month of September 2023 a total of 32,54,175 passengers have utilised the QR Code ticketing system (Online QR – 1,95,222; Static QR – 90,786; Paper QR – 24,96,130; Paytm – 2,87,083; Whatsapp – 1,84,954), 43,63,739 passengers have used Travel Card Ticketing System, 2,68,579 passengers have used Token System, 6,986 passengers have used Group Ticketing System and 5,43,703 passengers have used **NCMC Singara Chennai Card**.



Experience the convenience of ticket booking at your fingertips.

WhatsApp ticketing is here!

Send "Hi" to
+91 83000 86000



20%
Fare
Discount on
WhatsApp
Ticketing

CHAIRMAN

Thiru. Manoj Joshi, I.A.S., Secretary
Ministry of Housing & Urban Affairs, Govt. Of India

MANAGING DIRECTOR

Thiru. M.A. Siddique, I.A.S., Managing Director, Chennai Metro Rail Limited

EDITOR

Rajesh Chaturvedi, Director (S&O)

SUB EDITOR

L. Girirajan, JD (PR) | R. Shruti Shambavi, DM (PR)

Published by:

CHENNAI METRO RAIL LIMITED,

MetroS, Annasalai, Nandanam, Chennai - 600 035.

HELP LINE: 1860-425-1515 | EMAIL: chennaietrorail@cmrl.in

Connect with Us : @cmrlofficial Chennaietrorail

www.chennaietrorail.org

DISCLAIMER: The Information/ contents of this newsletter is not for legal purpose