



July 2016

VOLUME-I ISSUE-7

CHENNAI METRO RAIL NEWS LETTER

The Hon'ble Chief Minister of Tamil Nadu
Selvi J JAYALALITHAA
laid the foundation stone for the Phase I Extension of the
Chennai Metro Rail Project from
Washermanpet to Tiruvottiyur/Wimco Nagar on 23-07-16



The Hon'ble Chief Minister of Tamil Nadu Selvi J. JAYALALITHAA inaugurated the ground breaking ceremony of Chennai Metro Rail Project Phase I Extension by pressing the remote.

Chairman
Thiru Rajiv Gauba, I.A.S.,
Secretary
Ministry of Urban Development
Government of India

Thiru. Pankaj Kumar Bansal, I.A.S.,
Managing Director

CHENNAI METRO RAIL LIMITED
"Admin Building " Chennai Metro Rail Depot
PH Road, Koyambedu, Chennai - 600 107.
044-2379 2000
chennaiMetroRail@gmail.com
www.chennaiMetroRail.org



Thiru M Vekaiah Naidu, the Hon'ble Union Minister of Urban Development, Housing, Urban Poverty Alleviation, Information and Broadcasting released the Souvenir during the Inauguration function



The Hon'ble Chief Minister of Tamil Nadu Selvi J. JAYALALITHAA and the Hon'ble Union Minister Thiru M Venkaiah Naidu during the lighting of the kuthuvilakku at the inauguration function.



The Hon'ble Chief Minister of Tamil Nadu, Selvi J. JAYALALITHAA addresses the gathering during the inauguration



The Hon'ble Chief Minister of Tamil Nadu was presented with bouquet by Principal Secretary (PD&SI).



The Hon'ble Union Minister for Urban Development, Housing, Urban Poverty, Alleviation, Information and Broadcasting was presented with bouquet by MD (CMRL).



The Hon'ble Chief Minister of Tamil Nadu **Selvi J JAYALALITHAA** inaugurated the Phase I Extension of the Chennai Metro Rail Project of 9.051 kilometers from Washermanpet to Thiruvottiyur/Wimco Nagar by laying the Foundation Stone at Shri Babu Jagjeevan Ram Sports Complex on 23-07-16.

The Hon'ble Chief Minister inaugurated the ground breaking ceremony through video conferencing by pressing the remote. The total cost of the project is Rs. 3770 crores.

During the auspicious event, **Thiru M Venkaiah Naidu**, The Hon'ble Union Minister for Urban Development, Housing, Urban Poverty, Alleviation, Information and Broadcasting released the Souvenir.

Track Progress as on 31.07.2016 (ATA-01)

CORRIDOR - I

Track work completed on entire elevated section between saidapet ramp and airport for the length of 18695m with 23 turnouts and RDSO and CMRS inspection were completed for passenger operation.

CORRIDOR - II

Track work completed on entire elevated section between Thirumangalam ramp and St. Thomas Mount for length of 24788m with 27 turnouts.

In the underground section between Thirumangalam Ramp and Nehru Park, 14020m with 5 turnouts out of 15250m has been completed and balance work is in progress.

DEPOT: Track work completed for entire depot length of 14606m with 41 turnouts.



Finished track between Shenoy Nagar and Anna Nagar Tower

Progress of Civil Works in Elevated Sections as on 31.07.2016

Progress flyover work at Vadapalani

Item	Total Nos	Completed Nos
Pile, Pile Caps, Piers I Girder Casting, Pier Caps	Completed	Completed
I Girder Erection	78	75
Deck Slab	29	25



Work in progress at Vadapalani Flyover

Progress of Elevated Station Works as on 31.07.2016

Stations		Guindy Metro		Nanganallur Road		ST Mount Metro	
S. No	Description	Total Nos	Completed	Total Nos	Completed	Total Nos	Completed
1	Pile cap					Completed	
2	Stub column					205	204
3	Plinth beam at street level (mt)					3900	3895
4	Footings					Completed	
5	Column above tie beam			Completed		228	224
6	Concourse level slab					11840	11750
7	Platform Level					Completed	
8	Roof Slab					NA	NA
9	Column above platform					NA	NA

NA- Not Applicable

Progress of works in Under Ground Sections as on 31.07.2016

Name of Work	Status of the Work
<p>UAA 01</p> <p>Washerment Metro, Mannadi, High Court, Central Metro, Egmore Metro & May Day Park</p>	<ul style="list-style-type: none"> ✳ Washerment Metro Station : Architectural and MEP are in progress at Station & Entry/Exit. Ancillary building –Painting completed. ✳ Mannadi Station : Architectural works are in progress. Utility gallery walls have been completed. ✳ High Court station : Station box - Architectural and MEP works are in progress. VS03 excavation in progress. All entry D wall completed. Ancillary Building slab work in progress. ✳ Central Metro Station : Station box - 95% upper track slab completed and 52% Base slab Excavation is in progress. ES-01, ES02 and ES06 roof slab works in progress. ✳ Egmore Metro Station : Station and Ancillary Building- Architectural and MEP works are in progress. OTE ducts installation in progress.
<p>UAA 02</p> <p>Government Estate, LIC and Thousand Lights</p>	<ul style="list-style-type: none"> ✳ Government Estate station: 48 m of Roof slab for Entry “B” & 12m for Entry “A” completed. Block works, platform wall & slab works are under progress. ✳ LIC station: Block works & top slab under progress at concourse level. ✳ Thousand Lights station: Ancillary building footing works have been completed & columns have been cast. Utility gallery works are under progress.
<p>UAA 03</p> <p>AG-DMS, Teynampet, Nandanam and Saidapet Metro</p>	<ul style="list-style-type: none"> ✳ AG – DMS Station – All 33 plunge columns, 59 no's of diaphragm wall panels of entrances, 204 m of concourse slab and 37 m of base slab has been completed. ✳ Teynampet Station – 80 nos of diaphragm wall panels of Entry / Exit structure and all 232 m of roof slab and 232 m of concourse slab completed. ✳ Nandanam Station – 83 no's of diaphragm wall panels of Entry / exit completed and all 232 m of roof slab and concourse slab completed. ✳ Saidapet Station – 55 no's of diaphragm wall panels of entrances completed. ✳ Saidapet Ramp – 262 m base slab and 121 m roof slab completed.
<p>UAA 04</p> <p>Nehru Park, Kilpauk and Pachaiyappa's College station</p>	<ul style="list-style-type: none"> ✳ Nehru park station: 34 out of 38 nos of D-wall panels have been completed and excavation for roof slab is in progress at Entry B. Base slab works are in progress at Entry A, C. ✳ Kilpauk Station: Architectural and MEP, false ceiling, wall tiling, granite flooring and utility restoration works are in progress in Station main box. ✳ Pachaiyappa's college: Architectural, MEP and Rooms wall tiling, granite flooring, false ceiling works are in progress. ✳ Cross Passage Work (CP): All cross passage work has been completed.
<p>UAA 05</p> <p>Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam</p>	<ul style="list-style-type: none"> ✳ Shenoy Nagar station: Emergency staircase work, architectural, MEP work, false ceiling, granite flooring, utility restoration works, D-wall cutting for road restoration work are in progress. ✳ Anna Nagar East station: Ancillary building plastering work, architectural and MEP, false ceiling, granite flooring, handrail fixing in progress. ✳ Anna Nagar Tower station: MEP & architectural finishing works, Vent shaft works are in progress and 40% Road restoration work has been completed. ✳ Thirumangalam station: - Above ground structural block work and plastering works, at Entry/Exit - 01,02,03 & 04 road restoration, architectural and MEP works are in progress. ✳ Thirumangalam Ramp: All civil works in Ramp has been completed. Restoration work, vent shaft work in progress.



High Court Station



Central Metro Station



Shenoy Nagar Metro Station



Anna Nagar East Station



Nehru Park Station



Work in progress at Kilpauk Metro



Work in progress at Anna Nagar Tower Station



Thirumangalam Station



Pachaiyappa's College Station

Tunneling Work Progress as on 31.07.2016

Package	TBM	From	To	Tunnelling length in mtr	Completed in mtr	Percentage completed
UAA 01	TBM 1	Washermenpet Metro	Egmore Metro	4445	3819	85.1
	TBM 2	Washermenpet Metro	Egmore Metro	4445	3665	82.5
	TBM 3	May Day Park	Central Metro	2080	2080	100
UAA 02	TBM 1	May Day Park	AG-DMS	3616	1835	50.7
	TBM 2	May Day Park	AG-DMS	3616	1700	47
UAA 03		Saidapet Metro	AG-DMS	5736	5736	100
UAA 04		Egmore Metro	Shenoy Nagar	6776	6776	100
UAA 05		Shenoy Nagar	Thirumangalam	5594	5594	100
Total				36308	31205	85.95

Rolling Stock Work Progress as on 31.07.2016

Trains delivered to depot:

Train 37 was delivered to CMRL Depot on 2nd of July 2016. Hence a total of 37 trains including the 9 trains of import category, have been delivered to CMRL Koyambedu Depot.

Trains commissioned and conditionally accepted by CMRL:

- * Nine trains have been issued with completion certificate and seven among these nine trains have been conditionally accepted by CMRL in June 2015.
- * The total accepted 9 trains are put under revenue service of Stage-1 of CMRL. Maintenance activities on these 9 trains are carried out by CMRL Rolling Stock Maintenance Team and the warranty obligation is done by the contractor.

Trains under testing at CMRL facility: All other trains delivered to CMRL are under various stages of testing and commissioning in CMRL depot and mainline.

Maintenance of CMRL trains:

- * CMRL successfully completed 1 year of train operation and maintenance on 29.06.2016.
- * Preventive maintenance activities on these 9 trains are carried out by CMRL Rolling Stock Maintenance Team and corrective maintenance is done by the contractor.
- * Preventive maintenance activities include 72 hrs inspection, monthly maintenance, quarterly maintenance, half yearly and annual maintenance.

- * Re-railing equipment mock-up was successfully completed on 29th July 2016. During the mock up, functioning and working of Re-railing equipment such as Power packs, Hydraulic Jacks, Spreader, cutter, Air bags, rescue trolley, etc. are checked for proper functioning.

Trains under manufacturing at Sricity:

- * Trains 38 to 40 are under various stages of production, as per the schedule, at Alstom factory, Sri City.

Employee of the Month Award - July 2016



Thiru. Santhanakrishnan,
JE/RS

Thiru Santhanakrishnan, JE/RS, has been awarded the Employee of the Month Award for the month of July 2016.

He had actively involved himself in the document submission process for the CMRS inspection and had coordinated with other departments for communicating the details and inspection requirements of CMRS and during the inspection.

CMRS Inspection conducted from Little Mount to Airport on 28.07.2016

The Commissioner for Metro Railway and Safety Thiru Sudarshan Nayak, CRS/S.E.Circle, Kolkata, inspected the Stage 1A between Little Mount and Airport on 28.07.16. The inspection commenced with the Commissioner and MD,CMRL planting tree saplings at the Airport Metro Station. Several parameters were inspected during the inspection namely, Transfer of control to station controller from OCC, inspection of Fire alarm system, Ticket Vending Machine (TVM), Automatic Fare Collection gates (AFC), Signaling Equipment Room (SER), Platform Emergency Stop Plunger (PESP), Inspection of track between Airport and Little Mount, Measurement of Gauge, OHE measurements, Passenger Information Displays. Inspection was also conducted at Operation Control Center (OCC) at CMRL Admin Building.



Activities

Elevated Station Gallery



Little Mount Metro Station



St Thomas Mount Metro Station



Nanganallur Road Metro Station



Guindy Metro Station

Cash Award and Certificate of Appreciation

Cash award and Certificate of appreciation for their exemplary service towards the preparation of Standard Operating Procedure for Train Operators.

- * Thiru G. Vivek, Train Operator
- * Thiru M. Stalin, Train Operator
- * Selvi M. Amsaveni, Train Operator

Cash award and Certificate of appreciation for Station Controllers for their outstanding contribution towards the Documentation work for Stage 1A for CMRS.

- * Thiru A. Syed Ibrahim, Station Controller
- * Thiru U. Muthukumar, Station Controller
- * Selvi A. Preethy, Station Controller

Certification of Appreciation for Officers

The following officers have been awarded with Certificate of Appreciation for their meritorious service towards maintenance of MEP services in Admin Building, Depot and Stage 1 stations during the December 2015 Flood.

Officers:

- * Thiru S.Srinivasan, JGM/MEP
- * Thiru N.Saravanan, Manager/MEP
- * Thiru Kuldeep Singh, DM/MEP
- * Thiru C. Thirukumaran, DM/MEP
- * Thiru Lavudi Babu, AM/MEP

JE's & Technicians:

- * Thiru S. Ramesh, JE (Mech)
- * Thiru V. Balakumar, JE (Elec)
- * Tmt. M. Meena, JE (Elec)
- * Thiru V. Rajaram, JE (Elec)
- * Thiru Jayabalachakravathy, Tech (Plumber)
- * Thiru Shanmugam, Tech (Plumber)
- * Thiru P. Purushothamam, Tech (Elec)
- * Thiru C. Balamurugan, Tech (Elec)

Editor :

Thiru. G. Rajarathinam
General Manager (HR)

Sub-Editor:

Selvi. Shruti Shambavi. R, AM (PR)

Published by :

Chennai Metro Rail Limited.

Please address all correspondence to:

The Editor,
Chennai Metro Rail News Letter,
Chennai Metro Rail Limited,
"Administration Building",
CMRL Depot, Poonamallee High
Road,
Koyambedu, Chennai - 600 107.
chennaietrorail@gmail.com