



# CHENNAI METRO RAIL NEWS LETTER

VOLUME-I ISSUE-5



## Track Progress as on 31/05/2016 (ATA-01)

### CORRIDOR-I

Track work on Elevated Section from Saidapet Ramp to Airport has been completed for the entire length of 18695m with 23 turnouts.

For opening this section for public transport, mandatory inspection by Research Designs and Standards Organisation (RDSO), Lucknow was completed on 21.05.2016 and 22.05.2016 by conducting Detailed Oscillation Trials with CMRL Rolling stock running at speed 10% higher than the maximum speed potential of the section.



Trial Run Between Alandur and Airport

### CORRIDOR-II

Track work on Elevated Section from Thirumangalam Ramp to St. Thomas Mount has completed for the entire length of 24788m with 27 turnouts.

In this, Koyembedu to Alandur section was already commissioned and section from Alandur to St. Thomas Mount was offered for RDSO inspection on 21.05.2016 and 22.05.2016.

In the underground section from Thirumangalam ramp to Chennai Central, out of 19888m, Track work has been completed for the length of 11710m from Thirumangalam Ramp to Pachiyappa's College with a Scissors crossover at Shenoy Nagar. Track work is in progress from Pachiyappa's College to Chennai Egmore.

**Depot:** Track work has been completed for entire depot length of 14606m with 41 turnouts.



Track work in progress at Pachiyappa's College platform in upline



Track concreting completed between Pachiyappa's collage to Kilpauk

Chairman  
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Secretary  
Ministry of Urban Development  
Government of India

**Thiru Pankaj Kumar Bansal, I.A.S.,**

Managing Director

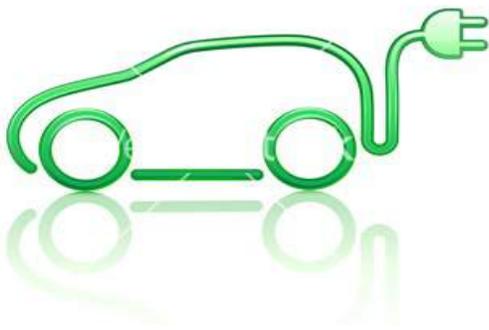
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## Tunneling Work Progress as on 31.05.2016

Package	TBM	From	To	Tunnelling length in mtr	Completed in mtr	Percentage completed
UAA 01	TBM 1	Washermenpet Metro	Egmore Metro	4445	3605	81.1
	TBM 2	Washermenpet Metro	Egmore Metro	4445	3581	80.6
	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	30907	85.12



### Public Notification

To encourage the use of alternative vehicles for intermodal transport, thereby **mitigating adverse impacts of pollution, Electric / Hybrid vehicles** (4 & 2 Wheelers) at CMRL metro Stations are exempted for parking fee.

### 16-05-16 – Change in Metro Train Services

On account of Elections in Tamil Nadu on 16-05-16, the following pattern of train services were followed:

-First Train from Koyambedu Metro Station and Alandur Metro Station commenced at 06:00 Hrs and the Last Train left from Koyambedu Metro Station at 22:00 Hrs and from Alandur Metro Station at 22:20 Hrs.

The head way between the train services were 15 mins and there was no peak hour services.



## Progress of Civil Works in Elevated Sections as on 31.05.2016

### Progress of flyover work at Vadapalani

Item	Total Nos	Completed Nos
Pile, Pile Caps, Piers, I Girder Casting Pier Caps	<b>Completed</b>	
I Girder Erection	78	69
Deck Slab	29	25



**Vadapalani Flyover**

## Progress of Elevated Station Works as on 31.05.2016

Stations		Guindy Metro		Nanganallur Road		ST Mount Metro	
S. No	Description	Total Nos	Completed	Total Nos	Completed	Total Nos	Completed
1	Pile cap	<b>Completed</b>					
2	Stub column	76	75	56	55	205	202
3	Plinth beam at street level (mt)	800	795	420	415	3900	3895
4	Footings	63	62	39	38	<b>Completed</b>	
5	Column above tie beam	94	92	53	51	228	223
6	Concourse level slab	<b>Completed</b>		1990	1930	11840	11650
7	Platform Level	<b>Completed</b>		1000	980	<b>Completed</b>	
8	Roof Slab	1000	950	550	535	NA	NA
9	Column above platform	NA	NA	32	30	NA	NA

NA- Not Applicable

## Progress of works in Underground Sections as on 31.05.2016

Name of Work	Status of the Work
<b>UAA 01</b> Washermenpet Metro, Mannadi, High Court, Central Metro, Egmore Metro & May Day Park	<ul style="list-style-type: none"> <li>* <b>Washermenpet Metro station:</b> Station box - All public staircases, Ancillary building – Block work have been completed. Architectural finishing works are in progress at Station &amp; Entry Exit.</li> <li>* <b>Mannadi Station:</b> Architectural works are in progress. Utility gallery walls have been completed. Staircase has been completed at ES-01.</li> <li>* <b>High Court station:</b> Station box - Base to Concourse 2 no's of Public Staircases have been completed. Architectural finishing works are in progress.</li> <li>* <b>Central Metro station:</b> Station box - Concourse Slab excavation have been completed, 99% upper track slab excavation and 26% Base slab Excavation is in progress.</li> <li>* <b>Egmore Metro station:</b> First floor slab, Roof slab construction is in progress in Ancillary Building. Architectural and MEP works are in progress.</li> </ul>
<b>UAA 02</b> Government Estate, LIC and Thousand Lights	<ul style="list-style-type: none"> <li>* <b>Government Estate station:</b> 48 m of Roof slab for Entry "B" &amp; 12m for Entry "A" completed. Block works, Platform wall &amp; Slab works are under progress.</li> <li>* <b>LIC station:</b> Block works &amp; Top slab under progress at Concourse level.</li> <li>* <b>Thousand Lights station:</b> Ancillary building footing works are completed &amp; Columns are cast and Utility gallery works is under progress.</li> </ul>
<b>UAA 03</b> AG-DMS, Teynampet, Nandanam and Saidapet Metro	<ul style="list-style-type: none"> <li>* <b>AG – DMS Station</b> – 49 no's of D- wall panels of Entrances, 81.50m of Concourse slab and 24.50m of Base completed.</li> <li>* <b>Teynampet Station</b> – 71 no's of D- wall panels of Entry / Exit structure and all 232 m of Roof slab and 181.50m of Concourse slab completed.</li> <li>* <b>Nandanam Station</b> - All 232 m of Roof slab and 105 m of Concourse slab completed.</li> <li>* <b>Saidapet Station</b>– 50 no's of diaphragm wall panels of Entrances completed.</li> <li>* <b>Saidapet Ramp</b>– All 279m Base slab and 4106m Roof slab completed.</li> </ul>
<b>UAA 04</b> Nehru Park, Kilpauk and Pachaiyappa's College.	<ul style="list-style-type: none"> <li>* <b>Nehru park station:</b> 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.</li> <li>* <b>Kilpauk Station:</b> Above ground structural works are in progress at Entry A&amp;D. Excavation for base slab work is in progress at Entry B. Architectural and MEP, Concourse False Ceiling and Utility restoration works are in progress in Station main box.</li> <li>* <b>Pachaiyappa's college:</b> Architectural, MEP and Rooms wall tiling works are in progress.</li> <li>* <b>Cross Passage Work (CP):</b> 8 Out of total 11no of cross passages &amp; 85% work completed in 2 CP's. Grouting work in progress at remaining 1 CP's.</li> </ul>
<b>UAA 05</b> Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam	<ul style="list-style-type: none"> <li>* <b>Shenoy Nagar station:</b> Emergency staircase work is in progress. Architectural, MEP work and Utility restoration works are in progress. D-wall cutting for road restoration work is in progress. Roof slab , Staircase work in progress at Entry- Exit -01. Internal plastering work is in progress at Entry/Exit 02. Plastering work has been completed and Preparation for filing work is in progress at Entry/Exit 03. Roof slab work is in progress at Entry/Exit -04.</li> <li>* <b>Anna Nagar East station:</b> Ancillary building plastering work, Architectural and MEP works are in progress.</li> <li>* <b>Anna Nagar Tower station:</b> MEP &amp; Architectural finish works are in progress and 40% Road restoration work has been completed.</li> <li>* <b>Thirumangalam station:</b> - Above ground structural block work and plastering works are in progress at Entry/Exit -01,02,03&amp;04. Road restoration, Architectural and MEP works are in progress</li> <li>* <b>Thirumangalam Ramp:</b> All civil works in Ramp has been completed. Restoration work is in progress.</li> </ul>



Work in progress at Thirumangalam Station



Work in progress at Shenoy Nagar Station



Work in progress at Central Metro



Work in progress at High Court Station



Work in progress at Anna Nagar Tower Station

## Rolling Stock Work Progress as on 31.05.2016

**Trains delivered to depot:** A total of 33 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. One additional train has been conditionally accepted in May 2016.
- The total accepted 8 trains are put under revenue service of Stage-1 section of CMRL. Maintenance activities on these 8 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:**

- Preventive maintenance activities on these 8 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 maintenance and annual maintenance.
- Re-railing equipment mock-up was successfully completed on 27<sup>th</sup> May 2016. During the mock up, functioning and working of Re-railing equipment such as Power packs, Hydraulic Jacks, Spreader, cutter, Airbags, etc. are checked for proper functioning.

### **Trains under manufacturing at Sricity:**

- Train 34 have completed all Routine Static test at Alstom factory Sri City and final inspection. The train will be progressively delivered to CMRL by June 2016.
- Train 35 have completed all Routine Static test at Alstom factory Sri City and final inspection for dispatch is under progress.
- Train 36 have completed all Routine Static test at Alstom factory Sri City and planned for final inspection for dispatch.
- Trains 37 to 39 are under various stages of production, as per the schedule, at Alstom factory, Sri City.

### **Other Activities**

- RDSO Oscillation Trail was successfully conducted on 21<sup>st</sup> May 2016 with AW0 load and 22<sup>nd</sup> May 2016 with AW4 load in CMRL section from Alandur station to Airport Station of Corridor –I covering the curve (R-120) Via left service loop.
- The trial report from RDSO is expected within a month's time. With the completion of RDSO trials, CMRL has achieved another major milestone in the progress of Project.
- Train Set 15 has been taken up for trials. The instrumentation of train was supported by rolling stock team and complete instrumentation was completed within two days.



Sandbags loaded for Conducting Oscillation trials in AW4 load Condition

- Meeting on Standardisation of Rolling Stock was conducted at CMRL on 6<sup>th</sup> and 7<sup>th</sup> May 2016, under the chairmanship of Thiru Mukundkumar Sinha OSD (UT) & JS, MoUD and committee members from various metros from all over India.



Standardization of Rolling Stock Meeting held on 6<sup>th</sup> and 7<sup>th</sup> May 2016

# Elevated & Underground Station Gallery



**Pachaiyappa's College Metro Station**



**Nehru Park Station**



**Kilpauk Metro Station**



**Guindy Metro Station**



**Little Mount Metro Station**



**Nanganallur Road Metro Station**



**ST Thomas Mount Metro Station**

## CMRL Food Carnival held at Vadapalani Metro Station on 27th, 28th & 29th May 2016

**CMRL Food Carnival** was held at Vadapalani Metro Station on 27th, 28th and 29th of May 2016. Several Food Stalls namely, Hotel Shan Royal, Nallas Appakadai, Adayar Ananda Bhavan, Numero Uno, Hot Breads, Arun ice cream and Self help group had participated in this event.

The event also had Selfie Spot, Children Play games, Magician to attract the crowd and CMRL awareness film were screened too.



**JOLLY RIDES**

FROM **MAY 27**

4PM 9PM

**CHENNAI METRO RAIL**

**FOOD CARNIVAL**  
speedy N' tasty

**VADAPALANI**

FRIDAY + SATURDAY + SUNDAY ONLY

## Congratulations!!!



**Tmt. Sujatha Jayaraj**  
Director (Finance)

CMRL heartily welcomes and congratulates **Tmt Sujatha Jayaraj** who has taken over charge as **Director (Finance)** at CMRL.

Prior to assuming charge as Director (Finance), she was holding the post of General Manager (Finance), CMRL w.e.f. 21<sup>st</sup> April 2014. She has worked for 31 years in Government of India and 2 years in CMRL.

Tmt Sujatha Jayaraj joined the Indian Railway Accounts Service, Ministry of Railways, in 1983. She is now a whole time director on the Board of CMRL



**Thiru Rajeev Narayan Dwivedi**  
Director (Projects)

**Thiru Rajeev Narayan Dwivedi** has taken over charge as **Director (Projects)** at CMRL.

Having worked in Southern, Central, Western Railways and Mega Co. limited ( Ahmedabad Metro Rail Limited) to name a few. Thiru Rajeev Narayan Dwivedi has more than three decades of experience in Metro & Railways and has become now a whole time director on the Board of CMRL.

CMRL heartily welcomes Thiru Rajeev Narayan Dwivedi into its family.

### Welcome to CMRL Family



**Thiru R. Packrisamy**  
Consultant  
(Railway Coordination)

### Awards and Rewards



**Thiru M. Gajapathy**  
JE/Electrical

Rolling Stock Employee Award for the month of May 2016 has been awarded to Thiru M. Gajapathy, JE/Electrical, towards participating actively in preparation of instrumentation of Rolling Stock used for RDSO oscillation trials for Corridor-I.

He has also pro-actively assisted CMRL and RDSO personnel for proper completion of the RDSO testing for loading & unloading of trains and arranging instruments and their installation within stipulated time well before the starting of the trails.

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#### Published by :

Chennai Metro Rail Limited.

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