



CHENNAI METRO RAIL

# NEWS LETTER

VOLUME-I ISSUE-6



Celebrating first year of reliable, efficient & safe transport

## Thank You Chennai

### Track Progress as on 30.06.2016 (ATA-01)

Chairman

**Thiru Rajiv Gauba, I.A.S.,**

Secretary  
Ministry of Urban Development  
Government of India

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

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#### CORRIDOR - I

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

#### CORRIDOR - II

Track work has been 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 Central, 13098m out of 19888m, Track work has been completed with 5 turnouts from Thirumangalam ramp to Nehru Park and balance work between Nehru Park and Egmore is



*Layout of Scissor crossover at Airport station*

in progress.

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



*Track work in progress between Kilpauk Metro Station and Nehru Park Station*



*Finished track between Anna Nagar East Station and Shenoy Nagar Station*

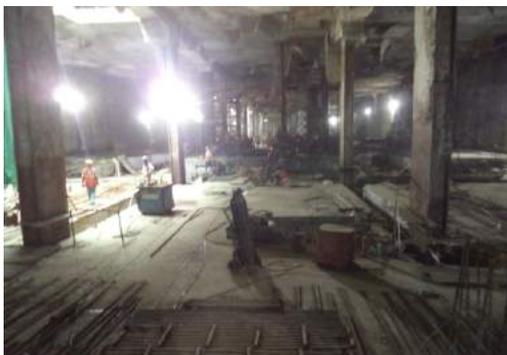
## Tunneling Work Progress as on 30.06.2016

Package	TBM	From	To	Tunnelling length in mtr	Completed in mtr	Percentage completed
UAA 01	TBM 1	Washerment Metro	Egmore Metro	4445	3641	81.9
	TBM 2	Washerment Metro	Egmore Metro	4445	3695	83.1
	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
<b>Total</b>				<b>36308</b>	<b>31057</b>	<b>85.54</b>

## Central Metro Station Gallery



Central Metro Station



Upper Track slab concreting work progress



Shaft wall shuttering work in progress



Entry/Exit 02 Roof slab - Rebar Work in progress

## Progress of Civil Works in Elevated Sections as on 30.06.2016

### 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 30.06.2016

Stations		Guindy Metro		Nanganallur Road		ST Mount Metro	
S. No	Description	Total Nos	Completed	Total Nos	Completed	Total Nos	Completed
1	Pile cap	Completed		Completed		Completed	
2	Stub column	Completed		Completed		205	204
3	Plinth beam at street level (mt)	Completed		420	417	3900	3895
4	Footings	Completed		39	38	Completed	
5	Column above tie beam	94	93	53	52	228	224
6	Concourse level slab	Completed		1990	1950	11840	11700
7	Platform Level	Completed		1000	990	Completed	
8	Roof Slab	1000	980	550	540	NA	NA
9	Column above platform	NA	NA	32	31	NA	NA

NA- Not Applicable

## Progress of works in Under Ground Sections as on 30.06.2016

Name of Work	Status of the Work
<p><b>UAA 01</b></p> <p>Washerment Metro, Mannadi, High Court, Central Metro, Egmore Metro &amp; May Day Park</p>	<ul style="list-style-type: none"> <li>✳ <b>Washerment Metro Station</b> : Ancillary building - Finishing Works is in progress. Entry Exit - ES 01 - Roof Slab Construction, ES 04 - Base Slab Construction are in progress. Architectural finishing works are in progress at Station &amp; Entry Exit.</li> <li>✳ <b>Mannadi Station</b> : Architectural works is in progress.</li> <li>✳ <b>High Court station</b> : 220 out of 231 diaphragm walls completed in ES - 03. Roof slab construction, VS-03 excavation works are in progress. Ancillary Building - Basement Slab construction has been completed . Station box - Architectural Finishing works in progress</li> <li>✳ <b>Central Metro Station</b> : Entry Exit 336/338 nos, 39 / 67 Nos of Plunge Columns, Station box -upper track slab excavation works have been completed, Base Slab Excavation is in progress. Ancillary building - Basement 1 Slab Construction 80% completed.</li> <li>✳ <b>Egmore Metro Station</b> : Architectural &amp; MEP works are in progress.</li> </ul>
<p><b>UAA 02</b></p> <p>Government Estate, LIC and Thousand Lights</p>	<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 have been completed &amp; columns have been cast. Utility gallery works are under progress.</li> </ul>
<p><b>UAA 03</b></p> <p>AG-DMS, Teynampet, Nandanam and Saidapet Metro</p>	<ul style="list-style-type: none"> <li>✳ <b>AG – DMS Station</b> – All 33 plunge columns, 54 nos of diaphragm wall panels of entrances, 112m of concourse slab and 30m of base slab has been completed.</li> <li>✳ <b>Teynampet Station</b> – 75 nos of diaphragm wall panels of Entry / Exit structure and all 232 m of roof slab and 232 m of concourse slab completed.</li> <li>✳ <b>Nandanam Station</b> – All 232 m of roof slab and 149 m of concourse slab completed.</li> <li>✳ <b>Saidapet Station</b> – 51 nos of diaphragm wall panels of entrances completed.</li> <li>✳ <b>Saidapet Ramp</b> – 262 m base slab and 121 m roof slab completed.</li> </ul>
<p><b>UAA 04</b></p> <p>Nehru Park, Kilpauk and Pachaiyappa's College.</p>	<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>: 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>: 10 Out of total 11 nos of cross passages &amp; 75% work have been completed in 1 CP's.</li> </ul>
<p><b>UAA 05</b></p> <p>Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam</p>	<ul style="list-style-type: none"> <li>✳ <b>Shenoy Nagar station</b>: Emergency staircase work, architectural, MEP work and utility restoration works , D-wall cutting for road restoration work are in progress.</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 finishing works, Vent shaft 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, 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, vent shaft work in progress</li> </ul>



High Court Station



Central Metro Station



Shenoy Nagar Metro Station



Anna Nagar East Station



Nehru Park Station



Pachaiyappa's College Station



Kilpauk Metro Station

## Rolling Stock Work Progress as on 30.06.2016

### Trains delivered to depot:

A total of 36 trains including the 9 trains of import category, have been delivered to CMRL Koyambedu Depot.

Trains 34, 35 & 36 were delivered to CMRL Depot on 5<sup>th</sup>, 24<sup>th</sup> & 29<sup>th</sup> June 2016 respectively.

### 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 section 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.

### Trains under manufacturing at Sricity:

Train 37 have completed all Routine Static test at Alstom factory Sri City and final inspection. The train will be progressively delivered to CMRL by first week of July 2016.

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

### 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 maintenance and annual maintenance.

Re-railing equipment mock-up was successfully completed on 29<sup>th</sup> June 2016. During the mock up, functioning and working of Re-railing equipment such as Power packs, Hydraulic Jacks, Spreader, cutter, Airbags, rescue trolley, etc. are checked for proper functioning.

### Employee of the Month Award - June 2016



**Thiru. R. Kanagarasu,**  
Tech (Elec)

For proactive involvement towards the Rolling stock monthly maintenance and annual maintenance activities and successful completion of all Routine Static Tests of TS# 35 and in Sri City train manufacturing plant.

## Metronival'16 Drawing and Painting competition conducted on 4th & 5th June 2016 at Vadapalani Metro Station



## Elevated Station Gallery



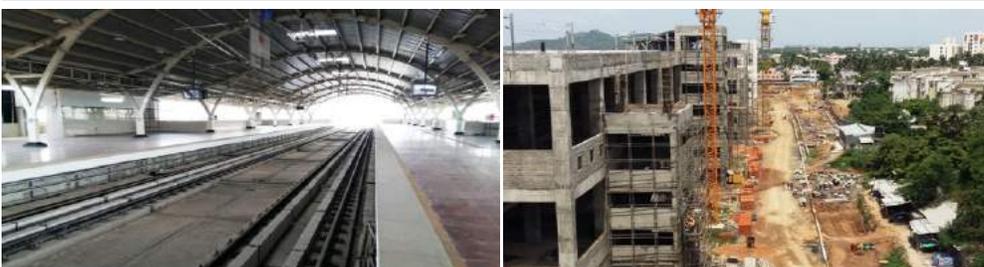
Little Mount Metro Station



Nanganallur Road Metro Station



Guindy Metro Station



St Thomas Mount Metro Station

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