

CHENNAI METRO RAIL NEWS LETTER



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Injury of Urban Development

Secretary Ministry of Urban Development Government of India & Chairman, CMRL

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Commissioner for Metro Railway Safety inspection completed between Ashok Nagar and Alandur

Commissioner for Metro Railway Safety, Thiru.S.K Mittal conducted safety audit inspection between Ashok Nagar and Alandur section of corridor II on 25th and 26th May 2015 in Chennai.

CMRS conducted inspection in Ekkattuthangal and Alandur stations and in Tracks, Viaducts and Electrical works between the section of Ashok Nagar and Alandur. He inspected on works such as escalators, lifts, station control room, registers maintained, station working orders, interacted with station controller, verified on essential equipment's fire systems and related systems in stations

He also inspected Over Head Line maintenance vehicle at depot and viaduct.

Thiru.PankajKumarBansal,I.A.S., MD, CMRL, Thiru.R.Ramanathan, Director(Proj), Thiru.L.Narasim Prasad, Director(S&O), Thiru.E.Srinivas, Deputy CRS(S&T), Thiru.Mehmood Athani Secretary and other senior officials of CMRL and GC were present during inspection.











Life is not a

problem to be

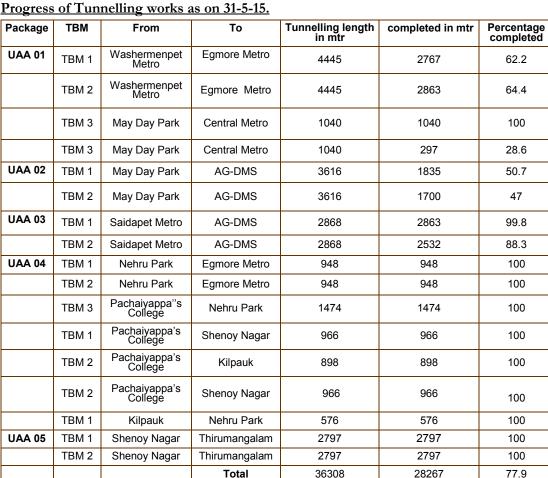
solved, but a

reality to be

experienced.

Soren

Kierkegaard



Track work progress as on 31-5-15.



In corridor II from Central Metro to St. Thomas Mount Metro track work completed for a length of 24062m and 22 turnouts were laid on viaduct between Thirumangalam and St. Thomas Mount Metro.

In depot, track finishing works completed for a length of 14333m and balance in progress.

In corridor I from Washermanpet Metro to Airport, plinth concrete completed for a length of 9207m and between Sai-

dapet Metro to Nanganallur Road and 11 turnouts were laid. Track finishing works is in progress between Guindy Metro and Alandur.

Track work completed in left service loop at Alandur which is connecting corridor I and corridor II.

Track works started in underground section connecting Koyambedu to Thirumangalam concrete laid for a length of 308m. Flash Butt wielding in progress between Anna Nagar East and Pachaiyappa's College. Rails were unloaded and Flash Butt Weld Completed in Egmore underground section.







Progress of Depot work as on 31-5-2015



Rolling Stock shed





Stabling shed

Depot view

Sno	Description	Status of Work			
1	Stabling Shed	Roof sheeting works are in progress. Raised platform work completed in 2 lines balance 2 lines work in progress.			
2	Rolling stock shed	Testing and commissioning of minor machineries are in progress; Over Head works such as commissioning of EOT, fixing of lights are in progress. Inspection line works completed.			
3	Effluent Treatment Plant	Excavation completed, civil structural works completed.			
4	Under Ground Services	Track drainage works, telecom line, light tension line works, Fire Protection system and Public Health System lines, Pond preparatory, storm water drain leading to pond are in progress, cover slab casting for drain in progress			
5	Other miscellaneous works	1 km out of 3 km road works completed, sectioning works for the landscaping are in progress, 12 No of 19 high mast lights are commissioned, security cabin, compressor room and Diesel storage tank works completed. Street light commissioning in progress.			



"Tomorrow is always fresh, with no mistakes in it. "

Lucy Maud

Montgomery.



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Progress of civil works in Elevated Sections as on 31-5-15





Ashok Nagar station

Viaduct over Kathipara bridge

"Good actions

give strength to

ourselves and

inspire good

actions in others.

Plato.

Progress flyover work at Vadapalani

Item	Total Nos	Completed Nos		
Pile	152	123		
Pile caps	34	12		
Piers	34	4		



Alandur station

Progress from Nanganallur Road to Airport





Near Airport

Item	Total Nos	Completed Nos	
Open foundation	134	130	
Pier	134	120	
Cut and Cover	1,01,540	88,889	
ramp excavation	cum	Cum	
PCC	1948 cum	1,879cum	
RCC works	21,222 cum	15,813 cum	
Span erection	88	56	
Portal beam	26	19	





Progress of works in Under Ground Sections

Status Name of Work * Washermenpet Metro station: 230mt out of 314mt roof slab completed. 251mt **UAA 01** out of 314 concourse slab completed. Ancillary building retaining wall work in Washermenpet progress. Base to concourse staircase 2nos completed. Architectural works in Metro, Mannadi. progress.37 out of 164 OTE duct erection completed. High Court. Mannadi station: Architectural works in progress. Ancillary building retaining Central Metro and wall work in progress. Entry/Exit 01&02 roof slab completed. Egmore Metro * High Court station: 194 out of 231 D wall panels for Entry/Exit structures comand May Day pleted. Entry structure 01 &04 base slab works are in progress. Entry structure -Work in progress at Park 04, 05 excavation works in progress. Architectural works in progress **High Court station** * Central Metro station: 250mt out of 384mt roof slab completed. roof slab casted. 78m concourse slab completed. Concourse slab rebar work in progress. Ancillary building pile works are in progress. Egmore Metro station: Entry structures-03, 04 excavation works in progress. Base to concourse staircase 1 no completed. Architectural works in progress. **UAA 02** *Government Estate station: 35 no of D wall and 23 plunge column for entry/ Government exit A,B completed. 43 m of roof for entry B has been completed. 18 nos Columns Estate, casted for ancillary building. *LIC station: 72 no of D wall completed for entry/exit structure. 14 nos of plung LIC columns completed for entry/exit -C and D. Piling work for ancillary building in Thousand Lights Work in progress at Government Estate station *Thousand Lights station: 70 no of D wall for entry/exit A.B &C completed. 58m of roof slab has been completed. Decking work for road diversion completed. Ancillary building foundation works under progress. **UAA 03** *AG - DMS Station - 14 no's of D wall panels of entrances and roof slab of 132m AG-DMS, and entire 234m half width (westside) and 92m of concourse slab completed. Teynampet. *Teynampet Station - 70 no's of D wall panels of entry / exit structure and all and Nandanam 230 m of roof slab completed. Saidapet Metro *Nandanam Station - 93 no's of D wall panels of entry / exit and 232 m of roof slab west side and east side 76 m completed. 17 m concourse slab completed. Work in progress at Kilpauk station *Saidapet Metro Station - Concourse and roof slab completed, 50 no of D wall panels of entrances completed. *Saidapet Ramp - 149 m base slab and 44 m roof slab completed. UAA 04 *Nehru park station: 224m roof slab. 221m concourse slab and 227m base slab Nehru Park, casted. 34 roof slab and entire 60 m base slab for entry D completed. 22 nos D Kilpauk wall panels completed in Entry C and 10 panels in entry B completed. 60 out of Pachaiappa's 188 OTE duct erected. College. * Kilpauk Station: Roof slab works in progress at entry A. Platform slab work in progress. Excavation work in progress for ancillary building. 125 out of 184 OTE duct erected. WORK IN PROGRESS AT *Pachaiyappa's College station : Platform slab work in progress in main station Anna Nagar Tower STATION area. Block work in progress at concourse level. 65 out of 184 OTE duct have been erected. **UAA 05** * Shenoy Nagar station: 3000m Roof slab, 336m Concourse slab completed in main station box. 118m platform slab completed in main station box. Ancillary Shenov Nagar, building work in progress. Anna Nagar East, * Anna Nagar East station: 126 out of 147 D wall panels completed for entry/exit Anna Nagar Tow-

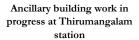
structures. 25m and 26m roof slab in entry/exit 01 and 02 completed respectively. 76m roof slab in entry/exit 04 completed. Ancillary building works in progress.

* Anna Nagar Tower station: 168m platform slab completed in main station box. 55m base slab and 25m roof slab completed in Entry/Exit-03. 36m base slab com-

* Thirumangalam station: 191m platform slab completed. 156 nos OTE ducts

pleted in Entry/Exit-04. 121 nos OTE ducts erected in main station.

erected in main station. Architectural work in progress.



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Thirumangalam





Rolling Stock progress as on 31-5-2015

Transfer of Technology and Progress in production of trains in India

The first fifteen trains (train no10 to 24) manufactured from Sri City are delivered at CMRL Depot. The trains are under various stages of testing in CMRL depot.

- Train no 10 to 17 has completed all tests in depot and mainline.
- Trains no 18 to 24 are under various stage of static inspection and tests in depot and mainline.
- Trains no 25 has completed all routine test and final inspection is under progress.
- Train no 26 is undergoing routine static test at Alstom factory, Sricity.
- Train no 27 to 31 are under various stages of production as per schedule at Alstom factory, Sricity

Based on the inspection of CMRL train by CMRS, approval for use of train is obtained.





Train no 23





Train no 24



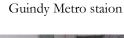
Progress of Elevated Station Works as on 31-5-2015

Little Mount, Meenambakkam and Airport stations all structural works completed, block work, plastering and roof structural works in progress. MEP and fire fighting works in progress.

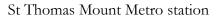




Little Mount station









St Thomas Mount Metro Station

	Stations	Guindy Metro		Nanganallur Road		ST Mount Metro	
S.	Description	Total	Completed	Total	Completed	Total nos	Completed
No		nos		nos			
1	Pile cap	Completed		13	6	Completed	
2	Stub column	76	67	56	48	205	190
3	Plinth beam at street	800	670	420	380	3900	3730
	level (mt)						
4	Footings	63	59	39	37	217	202
5	Column above tie beam	94	70	53	45	228	207
6.	Concourse level slab	2237	1750	1990	1300	11840	9600
7	Platform Level	NA	NA	1000	900	completed	
8	Roof Slab	NA	NA	550	450	NA	NA
9	Column above platform	NA	NA	32	22	NA	NA

NA- Not Applicable

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Tunnel Ventilation System

Underground stations for the Corridor I: Washermanpet Metro to Saidapet Metro and the Corridor II: Central Metro to Thirumangalam the entire tunnels are equipped with Tunnel Ventilation System (TVS). The prime purpose of Tunnel Ventilation System is to:

- a. Provide an environment within the tunnel suitable for the operation of the trains
- b. Remove the heat generated by train borne air conditioning.
- d. Maintain environment in the tunnel to allow an effective operation of the train air conditioning units.

Tunnel Ventilation erection works has been started in Thirumangalam and Anna Nagar Tower stations. Presently track way exhaust system installation works and cable tray works are under progress at one side of the station. Fixing of cable tray works has been completed Anna Nagar Tower station:





Condolence

Managing Director, officers and staff of CMRL condoles the sad demise of Thiru.J.Krishnamoorthy,JGM (Training) on 1-6-2015. All CMRL employees deeply mourn his untimely death May his soul Rest in Peace. CMRL conveys their condolence to his bereaved family members.



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