



CHENNAI METRO RAIL NEWS LETTER

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Commissioner for Metro Railway Safety completes first phase of statutory inspection.



Commissioner for Metro Railway Safety, Thiru.S.K Mittal conducted safety audit inspection on the Chennai Metro Rail Rolling Stock (Train) on 6-4-15.

Rolling Stock: During the audit, checks were done on the safety aspects like braking, passenger communication systems, emergency evacuation procedures, anti-collision functions (prevention of train collision). The other features that were verified are like, fire safety feature, communication facility between the train-station -Operation Control Centre, rescue of passengers in case of the failure of train etc.

Signalling and Telecommunication: The Commissioner inspected and verified the safety aspects pertaining to Signalling and Telecommunication system in association with rolling stock.

Inspection was conducted during the trial between Koyambedu and Alandur station of Chennai Metro Rail Corridor II.

Depot: The Commissioner also inspected the maintenance facilities at the train depot located in Koyambedu and checked facilities like workshop lines, inspection lines, and train wash plant, etc.

Thiru.Pankaj Kumar Bansal,I.A.S, MD, CMRL, Thiru.R.Ramanathan, Director (Proj), Thiru.L.Narsim Prasad, Director(S&O), Deputy Commissioner for Metro Railway Safety, Thiru. E.Srinivas and CMRS Deputy Chief Electrical Engineer, Shri K.Palani and other senior officials of CMRL were present during inspection.

During his briefing to press CMRS Commissioner said that inspection report will be forwarded to Minister of Railway through Railway Board for approval of CMRL Rolling Stock. Safety inspection of stations, viaduct, track and other major facilities will be carried out, once the approval from the Ministry of Railways is available.





Progress of Tunnelling works as on 31-3-15.

Package	TBM	From	To	Tunnelling length in mtr	completed in mtr	Percentage completed	
UAA 01	TBM 1	Washermenpet Metro	Egmore Metro	4445	2669	60.0	
	TBM 2	Washermenpet Metro	Egmore Metro	4445	2811	63.2	
	TBM 3	May Day Park	Central Metro	1040	1040	100	
	TBM 3	May Day Park	Central Metro	1040	90	8.7	
UAA 02	TBM 1	May Day Park	AG-DMS	3616	1830	50.6	
	TBM 2	May Day Park	AG-DMS	3616	1538	42.5	
UAA 03	TBM 1	Saidapet Metro	AG-DMS	2868	2769	96	
	TBM 2	Saidapet Metro	AG-DMS	2868	2312	80	
UAA 04	TBM 1	Nehru Park	Egmore Metro	948	948	100	
	TBM 2	Nehru Park	Egmore Metro	948	948	100	
	TBM 3	Pachaiyappa's College	Nehru Park	1474	1474	100	
	TBM 1	Pachaiyappa's College	Shenoy Nagar	966	966	100	
	TBM 2	Pachaiyappa's College	Kilpauk	898	898	100	
	TBM 2	Pachaiyappa's College	Shenoy Nagar	966	966	100	
	TBM 1	Kilpauk	Nehru Park	576	475	82.5	
	UAA 05	TBM 1	Shenoy Nagar	Thirumangalam	2797	2797	100
	TBM 2	Shenoy Nagar	Thirumangalam	2797	2797	100	
				Total	36308	27328	75.3

Don't watch

the clock:

do

what it does.

Keep going.

Sam Levenson

Track work progress as on 31-3-15.



In corridor II from Central Metro to St. Thomas Mount Metro track work completed for a length of 23531m and 22 turnouts were laid on viaduct between Thirumangalam and St. Thomas Mount Metro.

In depot, slab concrete completed for a entire length of 14606m. In corridor I from Washermanpet Metro to Airport, plinth concrete completed for a length of 7113m and between Saidapet Metro to Nanganallur Road and three turnouts were laid. Track finishing works is in progress between Guindy Metro and Alandur.

Track works in progress at underground section between Egmore Metro and Nehru Park and between Thirumangalam and Shenoy Nagar.





Progress of Depot work as on 31-3-2015



General stores



Stabling line work in progress



Automatic wash plant



Depot canteen

"You have to learn the rules of the game. And then you have to play better than anyone else."

Albert Einstein.



Sno	Description	Status of Work
1	Stabling Shed	Roof sheeting works are in progress. Raised platform 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.
3	Effluent Treatment Plant	Excavation completed, civil structural works are in progress
6	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.
7	Compound wall	Painting works in the entrance area are in progress.
8	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, Depot street light fixing, security cabin, compressor room and Diesel storage tank works are in progress.



Progress of civil works in Elevated Sections as on 31-3-15



Box section work in progress near OTA



Work in progress near St Tm Mount

It does not matter how slowly you go as long as you do not stop
Confucius.

Progress from Little Mount to Nanganallur Road

Item	Total Nos	Completed Nos
Pile caps	110	107
Open foundations	170	168
Piers	283	273



Work in progress near Meenambakkam

Progress from Nanganallur Road to Airport



Airport Station

Item	Total Nos	Completed Nos
Open foundation	134	115
Pier	134	108
Cut and Cover ramp excavation	1,01,540 cum	75,342 cum
PCC	1310 cum	1632cum
RCC works	21,222 cum	12326 cum
Span erection	88	49
Segment casting	784	744
Portal beam	26	15





Progress of works in Under Ground Sections

Name of Work	Status
UAA 01 Washermenpet Metro, Mannadi, High Court, Central Metro and Egmore Metro and May Day Park	* Washermenpet Metro station : 230m out of 314m roof slab completed. 251m out of 314m concourse slab completed. Architectural works in progress * Mannadi station : Architectural works in progress. Ancillary building 1st raft completed. Entry/Exit staging for roof slab works in progress. * High Court station : 171 out of 231 D wall panels for Entry/Exit structures completed; Platform slab 560sqm completed. Entry structure 01 rebar works are in progress. Entry structure -05 excavation works in progress, Staircase works are in progress. Entry structure -04 excavation works are in progress * Central Metro station : 170 roof slab casted. 40m concourse slab completed. Concourse slab rebar work in progress. Base slab waterproofing works are in progress. Ancillary building pile works are in progress. * Egmore Metro station : Entry structure -02 roof slab rebar works in progress. Entry structures-04 excavation works in progress. Architectural works in progress.
UAA 02 Government Estate, LIC and Thousand Lights	* Government Estate station : 35 no of D wall and 23 plunge column for entry/exit A,B completed. 170m of roof slab completed. 32 m of roof for entry B has been completed. Column works for ancillary building commenced. * LIC station : 72 no of D wall completed for entry/exit structure. Excavation for entry/exit -C and strutting works in progress. * Thousand Lights station : 62 no of D wall for entry/exit A,B completed. 58m of roof slab has been completed. Decking work on east side is under progress. Ancillary building footing works under progress.
UAA 03 AG-DMS, Teynampet, Nandanam and Saidapet Metro	* AG – DMS Station – 9 no's of D wall panels of entrances and roof slab of 132m and entire 234m half width (westside) and 92m of concourse slab completed. * Teynampet Station – 70 no's of D wall panels of entry / exit structure and all 230 m of roof slab completed. * Nandanam Station - 80 no's of D wall panels of entry / exit and 232 m of roof slab west side and 53.60m east side completed. * Saidapet Metro Station – 195 m of roof slab completed. 48 no of D wall panels of entrances completed. * Saidapet Ramp – 149 m base slab and 44 m roof slab completed .
UAA 04 Nehru Park, Kilpauk and Pachaiappa's College.	* Nehru park station : 208m roof slab. 221m concourse slab and 227m base slab casted. 400m UPE wall and 750sqm platform slab casted. 22 nos D wall panels completed in Entry C and 10 panels in entry B completed. * Kilpauk Station : 11 D wall panels in entry C and 5 D wall panels in entry B completed. Roof slab works in progress at entry A. 805m UPE wall completed. Platform slab work in progress. Sheet piling work in progress at Ancillary building. OTE duct erection in progress (65/184Nos.) * Pachiyappa's College station : Platform slab work in progress in main station area. Block work in progress at concourse level. OTE duct erection in progress (17/184Nos.)
UAA 05 Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam	* Shenoy Nagar station : 240m Roof slab, 312m Concourse slab and entire base slab completed in main station box. 90m platform slab completed in main station box. Ancillary building work in progress. * Anna Nagar East station : 228m roof and concourse slab completed ;126 out of 147 D wall panels completed for entry/exit structures. 25m roof slab in entry/exit 01, 53m roof slab in entry/exit 04 and 58m roof slab in entry/exit 05 completed. Ancillary building works in progress. * Anna Nagar Tower station : 152m platform slab completed in main station box. 49m base slab and 25m roof slab completed in Entry/Exit-03. 36m base slab completed in Entry/Exit-04. * Thirumangalam station : 86 out of 95 D wall panels completed for entry/exit structures. 46m roof slab completed in entry/exit 04. Ancillary building works in progress. * Thirumangalam Ramp : First stage concreting work completed.



Work in progress at High Court station



Rebar work in ground level slab of ancillary building at Nehru Park station



Work in progress at Shenoy Nagar station



WORK IN PROGRESS AT Anna Nagar East STATION



Work in progress at Washermenpet Metro station



Rolling Stock progress as on 31-3-2015

Transfer of Technology and Progress in production of trains in India



The first twelve trains manufactured from Sri City are delivered to CMRL Depot. The trains are under various stages of testing in CMRL depot.

- Train no 10 to 16 has completed all tests in depot and mainline.
- Trains 17 & 19 are under various stage of static inspection and tests in depot and mainline.
- Train no 20 & 21 was delivered to CMRL and static checks are in progress.
- Trains 22 in undergoing routine static test at Alstom factory, Sricity.
- Train no 23 to 27 are under various stages of production as per schedule at Alstom factory, Sricity.

Women's Day at CMRL

Women's Day was celebrated in CMRL office on 13-3-15. Thiru.Pankaj Kumar Bansal, I.A.S, MD, CMRL, all Directors and officers and staff of CMRL participated in this celebration.



Vigilant Awareness Workshop

A workshop on “Vigilant Awareness for Non Vigilant” was conducted in CMRL office on 12-3-15.

Officials from Vigilance Department, Southern Railways made a presentation on various case studies on tender scrutiny, Do's and Don'ts of contract management, common irregularities and transparency in procurement/works/consultancy etc.





Progress of Elevated Station Works as on 31-3-2015

Koyambedu, CMBT, Arumbakkam, Vadapalani, Ashok Nagar, Ekkatuthangal and Alandur stations—all block work, plastering and roof sheeting completed. MEP works in progress. Fire fighting works completed. Street level development works completed. Signage works in progress. Painting and street level lighting works in progress. Plumbing works for water and drainage connection in progress. Testing and commissioning of signalling system is completed. Telecom work in finishing stage. AFC gates installation in finishing stage. Installation and testing of lifts and escalators completed except Vadapalani.

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.



Guindy Metro station



Little Mount station



Nanganallur Road station



St Thomas Mount Metro

S. No	Stations Description	Guindy Metro		Nanganallur Road		ST Mount Metro	
		Total nos	Completed	Total nos	Completed	Total nos	Completed
1	Pile cap	Completed		13	3	Completed	
2	Stub column	76	67	56	48	205	190
3	Plinth beam at street level (mt)	800	630	420	360	3900	3715
4	Footings	63	57	39	37	217	202
5	Column above tie beam	94	65	53	45	228	207
6.	Concourse level slab	2237	1700	1990	1000	11840	9512
7	Platform Level	NA	NA	1000	700	NA	NA
8	Roof Slab	NA	NA	550	450	NA	NA
9	Column above platform	NA	NA	32	20	NA	NA

NA- Not Applicable



CMRL awarded prize

CMRL was awarded 3rd prize for the pavilion erected at the 41st India Tourist Industrial Fair-2015 conducted by TTDC at Island Grounds, Chennai. The prize was given during the valedictory function held on 25-3-15.

Lecture on Leadership

A lecture on " Leadership in the 21st Century" held at CMRL office on 5-3-2015.



Oral Cancer Screening Programme for CMRL contract labours Oral Cancer Screening Programme was conducted for CMRL contract labours/ISMW by Cancer Research & Relief Trust (C.R.R.T) at labour camp of UAA 01 &05 package of -AFCONS -Transtunnelstroy JV on 8-3-15 and ECV-07 package of ITD Cem & URC on 29-3-15. About 1150 and 170 respectively were benefited from the camp. There was no positive detection of Oral Cancer during the screening programme.



At UAA 01 &05 package of –M/s AFCONS -Transtunnelstroy JV labour camp



ECV 07 package of M/s. ITD Cem & URC Labour camp

Fire Safety Drill



Fire safety drill was conducted at Receiving Sub Station, Koyambedu. CMRL's safety consultant delivered an interactive lecture on all safety aspects to be followed during emergency. Mock fire drill was conducted, in which all JEs and technicians were involved.



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