

NEWS LETTER

JUNE 2022 / ISSUE-17

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Corporation Ltd

&

Secretary, Ministry of Housing &
Urban Affairs, Government of India

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Sri Anjum Parwez, IAS, Managing Director along with Engineers inspected Outer Ring Road works between K R Puram and Central Silk Board of both the packages and the Pier Cap erection on 07.06.2022. On the eve of World Environment Day he also planted saplings at the Shankar Narayana Constructions batching plant near Kodibeesanahalli Station on ORR.

Know your Fundamental duties enshrined in Constitution of India

Fundamental Duties

- To abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- To cherish and follow the noble ideals which inspired our national struggle for freedom;
- To uphold and protect the sovereignty, unity and integrity of India;
- To defend the country and render national service when called upon to do so;
- To promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- To value and preserve the rich heritage of our composite culture;
- To protect and improve the natural environment including forests, lakes, rivers and wild life, and to have compassion for living creatures;
- To develop the scientific temper, humanism and the spirit of inquiry and reform;
- To safeguard public property and to abjure violence;
- To strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;
- Who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.

Land Acquisition Status for the month of May 2022 for Phase-2

REACH-2-EXTENSION-(MYSORE ROAD STATION TO CHALLAGHATTA) – 9.58 K.M

Additional area of 2299.34 sqm of Railway land is required for construction of Test Track in Challaghatta Depot. BMRCL has requested DRM / SWR / Bangalore for transfer of this land.

REACH-3C-EXTENSION-(NAGASANDRA TO BANGALORE INTERNATIONAL EXHIBITION CENTRE)-3.14 K.M

Acquisition for additional area of 1885.11 sqm for providing road links to Chikkabidarakallu Metro Station from Anchepalya and other villages via Jindal-Prestige Layout has been set aside by the High Court. Now Prestige Company has agreed to provide an approach road of 12.5 feet wide through its property. Further steps are being taken to resolve this issue.

REACH-5-(NEW LINE-R.V. ROAD TO BOMMASANDRA AND HEBBAGODI DEPOT)-19.15 K.M

Out of 3,09,478.06 sqm required, 3,08,641.97 sqm has been acquired and handed over to Engineering section. Balance area is in various stages of acquisition.

REACH-6-(NEW LINE-KALENA AGRAHARA TO IIMB TO NAGAWARA AND KOTHANUR DEPOT)-21.26 K.M

Acquisition of additional area of 5773.78 sqm is in various stages of acquisition.

COMPENSATION

An amount of ₹ 6548.64 Crores is paid for Phase-2.

Sl. No	Reaches	No. of properties Required			No. of properties Acquired [As per 28(4) & 3(1)]			Handed over to Eng. Section up to May-2022			Balance to be Handed over to Engg. Section		
		Govt.	Priv.	Total	Govt.	Priv.	Total	Govt.	Priv.	Total	Govt.	Priv.	Total
1	Reach-2 Extn	17	113	130	17	112	129	17	112	129	0	1	1
2	Challaghatta Depot	12	15	27	11	15	26	11	15	26	1	0	1
3	Reach-3C Extn	3	111	114	3	111	114	3	109	112	0	2	2
4	Reach-4B Extn	12	296	308	12	294	306	12	294	306	0	2	2
	Anjanapura Depot	1	21	22	1	20	21	1	20	21	0	1	1
5	Reach-5 New Line	52	819	871	52	817	869	52	816	868	0	3	3
6	Reach-6 (Elevated)	33	286	319	33	286	319	33	284	317	0	2	2
	Reach - 6 (UG)	34	363	397	34	340	374	34	339	373	0	24	24
	Kothnur Depot	4	63	67	4	61	65	4	61	65	0	2	2
Total		168	2087	2255	167	2056	2223	167	2050	2217	1	37	38

Phase-2, 2A & 2B Civil & Track Progress for the month of May, 2022

CIVIL WORK IN PROGRESS IN PERCENTAGE



Underground Works - Reach 6

DAIRY CIRCLE TO NAGAWARA -TOTAL LENGTH -13.9 KMS

SI No	RT-01	Progress Details as on 31.05.2022— Package-1
1	Contractor & Alignment	M/s Afcons Infrastructure Limited. 3.655 Kms, between South Ramp to Rashtriya Military School, 3 Nos of Under Ground Stations (i.e. Dairy Circle, Lakkasandra & Langford Town)
2	TBM Works	<p>TBM 1– RUDRA (Up Line) - North Bound (Dairy Circle to Lakkasandra Station) Date of TBM Commencement of Drive–2 —21.03.2022 ⇒ Out of 745.32 Meters length of the tunnel 284.20 Meters has been completed i.e. 38% tunnelling has been completed.</p> <p>TBM 2– VAMIKA (Down Line) - South Bound (South Ramp to Dairy Circle) Date of TBM Commencement of Drive–2 —19.04.2022 ⇒ Out of 742.60 Meters length of the tunnel, 200.20 Meters has been completed i.e. 27% tunnelling has been completed.</p> <p>TBM 3– VARADA (Down Line) - South Bound (Rashtriya Military School -Launching Shaft to Langford Town Station) Date of TBM Commencement of Drive–2 —27.01.2022 ⇒ Out of 595.791 Meters length of the tunnel, 343 Meters has been completed i.e. 57.57% of tunnel work is completed.</p> <p>2646.40 Meters Tunnelling completed out of 5341.78 Meters in RT-1 Package. Percentage completed is 49.60%.</p>

SI No	RT-02	Progress Details as on 31.05.2022— Package-2
1	Contractor & Alignment	M/s Larson & Toubro Ltd. 2.762 Kms, between Rashtriya Military School to Shivajinagar, 3 Nos of Under Ground Stations (i.e. Rashtriya Military School, M G Road & Shivajinagar)
2	TBM Works	<p>TBM 1: AVNI -South Bound (M G Road to Vellara) Date of TBM Commencement of Drive–2 —20.02.2022 ⇒ Out of 1134 Meters of tunnelling 427.50 Meters is completed i.e. 37.70% tunnelling is completed.</p> <p>TBM 2: LAVI-North Bound (MG Road to Vellara) Date of TBM Commencement of Drive-2-13.05.2022 ⇒ Out of 1134 Meters of the tunnelling, 44.80 Meters is completed. 4% tunnelling has been completed.</p> <p>2632.30 Meters Tunnelling is completed out of 4428 Meters in RT-2 Package. 59.40% is completed.</p>

SI No	RT-03	Progress Details as on 31.05.2022— Package-3
1	Contractor & Alignment	M/s Larson & Toubro Ltd. 2.884 Kms, between Shivajinagar to Shadhi Mahal shaft, 2 Nos of Under Ground Stations (i.e. Cantonment & Pottery Town).
2	TBM Works	TBM 1: URJA (North Bound Cantonment Railway Station to Pottery Town Station) TBM Commencement of Drive-2 —17.12.2021 ⇒ Out of 900 Meters length of the tunnel 810 Meters is completed i.e. 90% tunnelling is completed.
		TBM 2: VINDYA (South Bound) TBM Commencement of Drive-2 05.02.2022 ⇒ Out of 855.40 Meters length of the tunnel 390.60 Meters is completed i.e. 46% tunnelling is completed. 2923.60 Meters of Tunnelling is completed out of 4905 Meters in RT-3 Package. 59.60% is completed.

SI No	RT-04	Progress Details as on 31.05.2022— Package-4
1	Contractor & Alignment	M/s ITD Cementation India Limited. 4.591 Kms, between South of Tannery Road Station to North Ramp, 4 Nos of Under Ground Stations (i.e. Tannery Road, Venkateshpura, Kadugondanahalli & Nagawara)
2	TBM Works	TBM 1: BHADRA (South Bound) (Venkateshpura Station to Retrieval Shaft) ⇒ Out of 1062 Meters length of the tunnel 742 Meters is completed i.e. 70% completed.
		TBM 2: TUNGA (North Bound) (Venkateshpura Station to Retrieval Shaft) ⇒ Out of 1063 Meters length of the tunnel 833 Meters is completed i.e. 78% completed. 1575 Meters of Tunnelling is completed out of 6365 Meters in RT-4 Package 24.74% is completed.

Operational Performance for the month of May 2022

Operational efficiency achieved in the month (Percentage)	: 99.98
Passenger Boarding for the month in Numbers	: 1,26,16,161
Fare Box Revenue earned during the month (Amount)	: ₹ 31.45 Cr.
Highest Boarding for the month on 21.05.2022 (Numbers)	: 4,67,957
Highest Revenue collection for the month on 30.05.2022	: ₹ 1,15,18,983/-
Smart Cards (% tage)	: 59.23
Tokens (% tage)	: 40.71
Group Ticket (% tage)	: 0.06

Phase-2 Progress Photos at a Glance



R-1A: Benniganahalli Station Roof Portal erection work in progress



R-1B: View of Kundalahalli Metro Station



R-2B: View of Transition Span between P759-760



R-3C: Jindal station –Roof Truss erection work in progress



R-5P1: View of Huskur Station works in progress



R-5P3: BTM Roof Truss Erection work in progress

Phase-2 Progress Photos at a Glance



R-5-P3: RP 179-180 Road Spine Erection in progress



R-6-Elev: GP60-61 LG2 Dismantling works in progress



R-6-UG-RT-1: TBM Rudra Tunnel work in progress at Dairy Circle Station



R-6-UG-RT-2 Avani Drive-2 MG Road to Vellara 285 permanent rings casted



R-6-UG-RT-3: Cross passage -1 (CMRS to SVN Stationn) excavation work is in progress



R-6-UG-RT-4: Aerial view of K G Halli Station

Progress of Phase-2A & 2B Central Silk Board to K.R. Puram to Airport Terminal

PROJECT DETAILS: Phase 2A & 2B: Phase 2A the Metro alignment between Central Silk Board Junction to K R Puram, is on the Outer Ring Road (ORR), having a route length of 19.75 kms. Phase 2B alignment between K R Puram to Airport Terminals via Hebbal on the Outer Ring Road (ORR) having a route length of 38.44 kms, total 58.19 Kms.

Estimated Cost	Rs. 14,788.10 Cr.
Total Length	58.19 Kms
No. of Stations	30 Nos.
Land Acquisition	94.86% Completed.
Physical Progress (Upto May 2022)	17.00%

Land Acquisition Status for the month of May 2022

Sl. No	Reaches	No. of properties Required			No. of properties Acquired [As per 28(4) & 3(1)]			Handed over to Eng. Section up to May-2022			Balance to be Handed over to Engg. Section		
		Govt.	Priv.	Total	Govt.	Priv.	Total	Govt.	Priv.	Total	Govt.	Priv.	Total
1	ORR Line	24	45	69	23	45	68	23	45	68	1	0	1
2	Airport Line	78	220	298	64	217	281	53	192	245	25	28	53
	Total	102	265	367	87	262	349	76	237	313	26	28	54

PHASE-2A– OUTER RING ROAD (ORR) – 19.75 K.M

Out of 61,044.29 sqm required for this line 60,553.15 sqm is acquired and handed over to Engineering Section. Acquisition of additional area of 491.14 sqm of Defence Land is under process.

PHASE-2B – AIRPORT LINE – 38.44 K.M

Out of 3,31,545.29 sqm required for Viaduct, Stations and Depot for this line 3,08,285.85 sqm is acquired and 3,01,633.05 sqm is handed over to Engineering Section. Payment of compensation for the remaining area is under progress.

As per the revised plan of Shettigere Depot additional area of 12,576.619 sqm is required for which Notification U/s 28(1) is being sent to Government for approval.

COMPENSATION AND REHABILITATION

₹ 398.48 Crores for Phase-2A and ₹1539.57 Crores for Phase-2B is paid towards compensation for 3172 properties of Phase-2A-2B. So far, ₹ 85.33 Crores is paid as rehabilitation benefits for 789 owners and 2403 tenants and 157 No. of Non Title holders.

Phase-2A Central Silk Board to K.R. Puram progress Photos



P1: Viaduct Pile Concreting in progress



P1: Pier Cap lifting work in progress



Ph-2B: Pier Cap Erection in progress

Track Works

Contractor - M/s Texmaco Rail & Engineering Limited

SI No	Item Description	Unit	Track Plinth Casting					Flash Butt Welding				
	Sections	Track Meters	Reach 4	Reach 2	Reach-1	Reach-5	Reach-3	Reach 4	Reach 2	Reach-1	Reach-5	Reach-3
1	Scope of Work	Trm	12580	18500	30500	39500	6000	12580	18500	30500	39500	6000
2	Progress for the month	Trm	Nil	376	180	2287	593	Nil	0	Nil	1300	Nil
3	Cumulative progress as of 31.05.2022	Trm	11700	15574	25674	17186	1324	11700 (1233 Nos)	18500 (1846 Nos)	29800 (3201 Nos)	39050 (3842 nos)	5850 (628 Nos)



Reach-3 Extn: Track Plinth work in progress



Reach-1 Extn: Turnout Area work in progress

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