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1.0 HISTORY

South Western Railway has been operational since 1st April 2003 with headquarters at Hubballi in the state of Karnataka. This Railway covers states of Karnataka (84%) predominantly and parts of Andhra Pradesh, Tamilnadu, Goa and Maharashtra.



Rail Soudha, SWR Zonal Office, Hubballi

There has been a perceptible improvement in Railway services across this region, since the formation of SWR 517 km of new lines, 598 km of gauge conversion and 1138 km of doubling have been commissioned. 110 numbers of new Express / Passenger trains have been introduced. Apart from this, services of many trains have been extended and frequency of some trains increased for the benefit of travelling public.

1.0 PROFILE

Sl. No.	Particulars	As on 31.03.2023	
1.	Divisions	3 (Hubballi, Bengaluru, Mysuru)	
2.	Route Kms	3,629	
3.	Number of stations	384	
4.	Workshops	Hubballi & Mysuru	
5.	Diesel Sheds	Hubballi & Krishnarajapuram	
6.	Originating Revenue 2022-23 (Rs. in crores)	8097.05	
8.	Apportioned Revenue 2022-23 (Rs. in crores)	6953.02	
9.	Operating Ratio (In percentage)	128.95	
10.	No. of Originating Passengers (in millions)	150.34	
11.	Number of trains run		
	Avg. Mail / Express trains/SWR :	196	
	Avg. Passenger Trains/SWR :	167	
12.	Originating Loading (in Million Tonnes)	44.12	
13.	Staff Strength (as on 01.05.2023)	<i>Sanctioned</i>	<i>Actual</i>
	Non-Gazetted :	41473	36,013
	Gazetted:	597	532
	Total	42,070	36,545

3.0 SYSTEM MAP

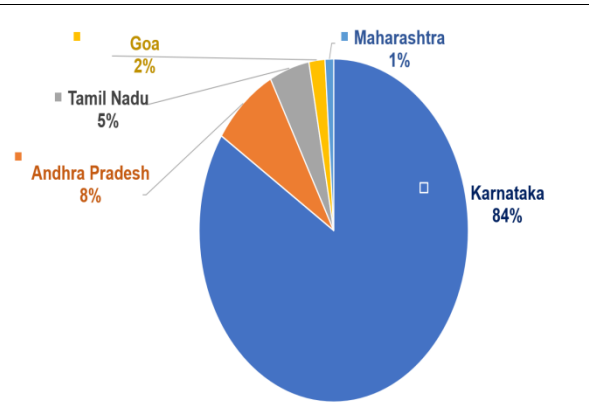


4.0 DIVISION WISE ROUTE

Division	Route	Running
Hubballi	1385.139	2173.159
Bengaluru	1143.968	1655.640
Mysuru	1132.717	1459.267
Total	3661.824	5288.066

5.0 STATE WISE ROUTE KILOMETERS

SI No	State	Total (RouteKms)
1.	Karnataka	3076.103
2.	Andhra Pradesh	305.320
3.	Tamil Nadu	173.671
4.	Goa	69.310
5.	Maharashtra	37.420
Total		3661.824

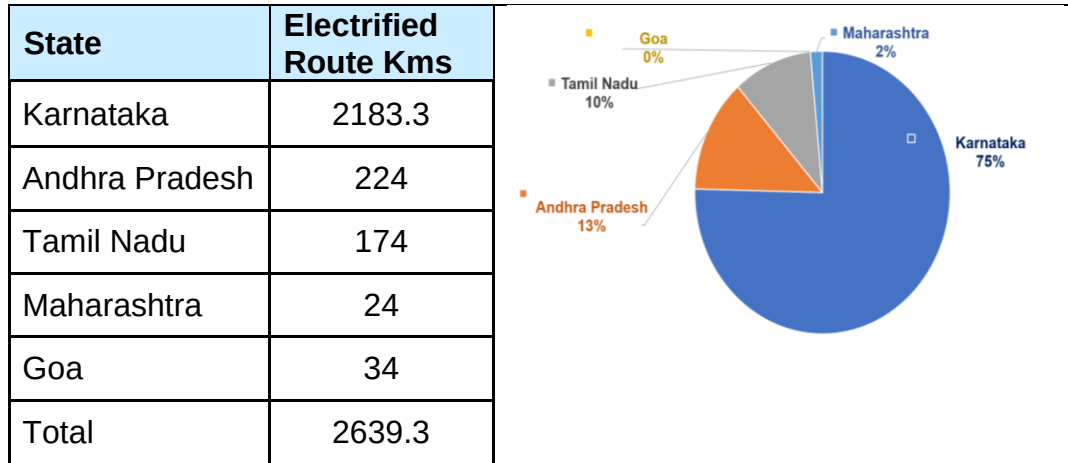


A pie chart illustrating the distribution of route kilometers across five states. Karnataka accounts for the largest share at 84%, followed by Andhra Pradesh at 8%, Tamil Nadu at 5%, Goa at 2%, and Maharashtra at 1%.

5.1 Single Line/Double Line/Triple Line:

State	Double Line	Single Line	Total
Karnataka	1483.481	1592.622	3076.103
Andhra Pradesh	80.264	225.056	305.320
Tamil Nadu	24.971	148.7	173.671
Maharashtra	24.020	13.4	37.420
Goa	13.506	55.804	69.310
Total	1626.242	2035.582	3661.824

6.0 STATE WISE ELECTRIFIED LINES



6.1 Division Wise Electrified Lines

SN	Div	Route	RKM	TKM
1	Bengaluru	SBC-Y	102	227
2		SBC-JTJ (Incl BWT-MKM section)	159	401.063
3		BYPL-YPR	20	22
4		SBC-YPR-NTR	98	226.637
5		YPR-YNK	14	34
6		KJM-CSDR	1	1
7		BYPL-DMM	177	361.663
8		PKD-SSPN-DMM	52	70
9		BPHI-BAND	4	3.912
10		BYPL-OML	197	231.936
11		YNK-CBP	46	49.087
12		SVS-BWT	45	50.910
13		NTR-SPGR	12	26.524
14		BAW-SOLR	33	38.160
15		CMY-SVS	23	26
16		CBP-CMY	35	34.260
17		SOLR-KIGL	27	31.247
SBC Division Total			1047	1835.399

SN	Div	Route	RKM	TKM
1	Hubballi	HDD(Excl)-UBL-TGT(Incl UBL Bypass)	328	927.004
2		TNGL-RNJP	23	41.774
3		BAY-RDG	54	58.669
4		HG-WDL	145	360.657
5		GDG-HLAR	48	105.986
6		LWR-AVA	26	29.907
7		GPB-KUD	47	112.531
8		Gadag Bypass	2	3.540
9		Kulem-Sanvordam-Madgaon (Excl)	34	67.794
10		Tinaighat (Excl)- CastleRock (Excl)	10	10.116
11		HPT-VC	19	28.034
12		Gunji(excl)-Desur(Excl)	23	48.960
13		LD-GNJ & DUR-BGM	29	71.199
14		HLAR-NANH	41	78
15		KJG-UBL	68.7	150.981
		UBL Division Total	897.7	2095.152
1	Mysuru	Y-MYS	37	93
2		RDG-JRU	131	157.569
3		JRU-HSD	30	67.057
4		HSD-RRB	39	91.715
5		JRU-THN	36	87.630
6		MYS-CMNR	61	73.325
7		RRB-ASK	40	92.165
8		SPGR-ASK	62	148.146
9		RRB-SMET	63	61.83
9		THN-DAD	53	132.550
10		DRU-CMGR	17	24.142

11		HAS-ASK	45	52
12		SMET-KMSI	25.5	27.472
13		DAD-KJG	31.1	65.87
14		MYS-STE	24	30
MYS Division Total			694.6	1204.471
Grand total			2639.3	5135.022

7.0 MAJOR ESTABLISHMENTS:

Establishment	No	Location
Zonal Headquarter	1	Hubballi
Divisional Headquarters	3	Hubballi, Bengaluru, Mysuru
Workshops	2	Hubballi, Mysuru
Diesel Loco Sheds	2	Hubballi&Krishnarajpuram
EMU /MEMU /DEMU Sheds	2	MEMU Shed – Banaswadi DEMU Shed – Bengaluru Cant.
Training Institutes	7	• Multi-Disciplinary Divisional Training Institute at Hubballi, Bengaluru, Mysuru • Multi-Disciplinary Zonal Training Institute at Dharwad • Indian Railway Institute of Disaster Management at Hejjala • Workshop Training Institute/BTC/UBLS • Workshop Training Institute/BTC/C&W/MYSS
Hospitals	3	Central Hospital, Hubli (150 Beds). Divisional Railway Hospital, Bengaluru (50 Beds). Divisional Railway Hospital, Mysuru (101 Beds). Total Beds = 301
Health Units	20	<u>Hubballi Division: 10 Health Units.</u> MTS Colony, Alnavar, Belgaum, Castle rock, Vasco-Da-Gama, Gadag, Hospet, Bellary, Bagalkot, Bijapur. <u>Bengaluru Division : 04 Health Units.</u> Yeshwantpur, Bangalore Cantonment, Bangarpet, Hindupur <u>Mysuru Division : 06 Health Units.</u> Ashokpuram, Shimoga Town, Arsikere, Harihar, Kabakputtur, Saklkeshpur
Schools	1	Hubballi

8.0 CLASSIFICATION OF STATIONS BASED ON REVENUE & PASSENGERS FOOTFALL

Grade		Benchmark Annual Earnings / Outward Passengers	Bengaluru	Mysuru	Hubballi	Total
NON SUBURBAN	NSG 1	Earnings more than 500 Crs. Passengers more than 20 Million	1	0	0	1
	NSG 2	Earnings 100 to 500 Crs. Passengers 10 to 20 Million	1	1	0	2
	NSG 3	Earnings 20 to 100 Crs. Passengers 05 to 10 Million	5	1	5	11
	NSG 4	Earnings 10 to 20 Crs. Passengers 02 to 05 Million	10	10	4	24
	NSG 5	Earnings 01 to 10 Crs. Passengers 01 to 02 Million	17	15	17	49
	NSG 6	Earnings Up to 01 Cr. Passengers Up to 01 Million)	62	53	66	181
HALTS	HG-1	Earnings More than 50 Lakh Passengers more than 03 Lakh	0	1	0	2
	HG-2	Earnings 05 to 50 Lakh Passengers 01 to 03 Lakh	11	16	11	37
	HG-3	Earnings Upto 05 Lakh Passengers Upto 01 Lakh	24	21	32	74
		Total	131	118	135	384

8.1 Stations Based on Revenue /Passengers footfall.

Division	NSG-1 (Rs.500 Cr)	NSG-2 (Rs.100-500Cr)	NSG-3 (Rs.20 - 100 Cr)	NSG-4 (Rs.10-20 Cr)
Hubballi	--	--	SSS Hubballi, Vasco-Da-Gama, Ballari, Belagavi, Dharwad.	Hosapete, Vijayapura, Gadag&Londa,
Bengaluru	KSR Bengaluru	Yeshvantpur	Bengaluru Cant, Krishnarajapuram, Bangarpet, Mandya, Kengeri.	Channapatna, Hosur, Hindupur, Kuppam, Malur, Ramanagaram, SSP Nilayam, Tumkuru, Whitefield, Yelahanka
Mysuru	--	Mysuru	Davangere	Shivamogga Town, Arsikere, Nanjangud Town, Hassan Chamarajanagar, Harihar, Birur, Sagarajambagaru, Subramanya Road &Srirangapatana
Total	01	02	11	24

9.0 APPORTIONED REVENUE

(In Rs.Cr)

SERVICE HEAD	2020-21	2021-22	2022-23	2023-24 (Up to May 23)		
	Actuals	Actual.	Actual	Prop Target	Last Yr.	Current Yr.
PASSENGER	352.24	1108.40	2116.14			
OTHER COACHING	98.63	205.88	270.25			
GOODS	3061.72	3842.07	4202.20			
SUNDRIES	157.09	298.88	364.43			
TOTAL	3669.67	5455.23	6953.02			

10.0 ORIGINATING PASSENGERS

(In Millions)

SERVICE HEAD	2020-21	2021-22	2022-23	2023-24 (Upto May 2023)		
	Actuals	Actuals	Actual	Prop Target	Last Yr	Current Yr
Originating Passenger	16.43	73.06	150.34	29.07	28.82	30.04

10.1 SUMMARY OF ALL TRAINS RUN ON SOUTH WESTERN RAILWAY

Details	Rajdhani Exp	Vande Bharat Exp	Shatabdi Exp Incl. Jan Shatabdi	Sampark Kranti Exp	Garib Rath	Duronto	Other Mail Exp
Originating/ Terminating Mail/Exp	1 Pair	1 Pair	2 Pairs	3 Pairs	3 Pairs	2 Pairs	156 Pairs
Passing through	--		--	--	--	--	7 pairs

Daily	142 Pairs	➤ Avg No. of Mail/Exp trains run per day :98 pairs ➤ Avg No. of Passenger trains run per day :83.5 pairs
Six days a week	24 Pairs	
Five days a week	3 Pairs	
Four days a week	2 Pairs	
Tri Weekly	12 Pairs	
Bi weekly	14 Pairs	
Weekly	72 Pairs	

11.0 FREIGHT LOADING

(In Million Tonnes)

SERVICE HEAD	2019-20	2020-21	2021-22	2022-23	2023-24 (May 23)			% Variation	
	Actuals	Actuals	Actual	Actual	Prop Target	Last Yr.	Current Yr.	Last year	Target
Originating Loading	36.91	38.19	44.12	46.64	8.13	7.51	8.17	8.8	0.50

11.1 Commodity wise loading

(In Million Tonnes)

Commodities	2019-20	2020-21	2021-22	2022-23	2022-23 (May 23)			% Variation	
					Targ et	Last Year	Curren t Year	Last Year	Targ et
Coal	9.00	8.90	9.14	10.11	1.84	1.77	1.57	-11.1	-14.5
Raw Material for Steel Plants	1.10	1.03	0.97	1.03	0.17	0.21	0.24	15.1	45.8
Pig Iron & Finished Steel From Steel Plants	8.75	9.02	9.12	8.26	1.44	1.37	1.38	0.7	-4.3
Iron Ore	12.77	12.98	16.90	18.10	3.05	2.63	3.59	36.5	17.5
Cement	0.35	0.61	0.98	1.07	0.18	0.22	0.18	-15.3	3.8
Food grains	0.08	0.57	0.77	0.59	0.10	0.09	1.01	-89.5	-91.3
Fertilizers	0.45	0.86	0.66	0.86	0.15	0.09	0.19	104.4	24.1
Mineral Oil	1.21	0.83	1.33	2.04	0.38	0.28	0.36	32.0	-5.1
Containers	0.60	0.63	0.80	0.83	0.14	0.15	0.11	-27.6	-23.3
Others	2.60	2.76	3.45	3.75	0.68	0.72	0.54	-24.6	-20.3
Total	36.91	38.19	44.12	46.64	8.13	7.51	8.17	8.8	0.50

12.0 WORKING EXPENSES

(₹ in Crs.)

Particulars	Actuals 2019-20	Actuals 2020-21	Actual 2021-22	Actuals 2022-23	BG (SL) 2023-24	2023-24 May -23
D. No. 3	246.09	251.86	272.18	294.06	308.95	
D. No. 4	555.23	553.77	494.43	547.59	554.32	
D. No. 5	232.36	216.07	205.59	179.32	197.46	
D. No. 6	643.77	643.1	644.63	887.09	845.95	
D. No. 7	136.43	172.05	154.56	201.98	194.21	
D. No. 8	570.10	463.61	564.13	703.86	699.16	
D. No. 9	891.58	969.53	1017.91	1233.77	1425.15	
D. No. 10	1523.16	1158.85	2100.25	2535.26	2009.14	
D. No. 11	266.81	250.14	268.55	281.99	274.33	
D. No. 12 K	227.07	207.71	184.36	180.03	208.40	
D. No. 13	124.83	141.57	177.05	193.92	215.30	
Total Excl. Susp.	5417.43	5028.26	6083.64	7238.87	6932.37	
D. No. 12N	-7.27	-25.00	-35.05	-2.15	-27.09	
Total Incl. Susp.	5410.16	5003.26	6048.59	7236.72	6905.26	

13. PLAN HEAD EXPENDITURE

(₹ in Crs.)

Demand No.	Plan Heads	2019-20	2020-21	2021-22	2022-23	2023-24	
		Actual Gross	Actual Gross	Actual Gross	Actuals	BG	Actuals upto May 23
11	New Lines	239.30	225.38	217.74	318.5	1408.35	
14	Gauge Conversion	2.54	0.05	2.16	0.41	0.50	
15	Doubling	145.00	258.28	296.93	775.59	1329.05	
16	Traffic Facilities	94.49	88.39	95.14	110.48	100.01	
17	Computerization	1.55	3.55	2.00	1.94	2.87	
21	Rolling Stock	140.57	269.47	689.71	666.48	17.75	
22	Leased Assets	386.15	431.75	555.91	699.49	782.28	
29	Safety Works LC	12.60	15.04	11.76	17.93	36.49	
30	Safety Works RUB/ROB	158.79	172.86	103.59	193.17	242.66	
31	Track Renewals	543.14	454.73	969.74	898.07	723.24	
32	Bridge Works	18.34	23.49	26.02	39.66	33.00	
33	S&T Works	38.77	27.79	44.46	47.54	83.48	
36	Other Elec.	12.12	7.93	6.13	16.76	35.49	
37	Tr. Dist. Works	0.00	0.00	0.00	0	0	
41	Plant & Machinery	20.73	22.00	26.24	18.03	20.20	
42	Workshops	67.05	44.78	42.98	37.1	137.40	
51	Staff Welfare	17.50	16.47	26.62	12.08	13.14	
52	Amenities for Staff	0.00	0.00	0.00	0.00	0.00	
53	Passenger Amenities	80.61	115.13	112.13	81.32	316.90	
64	Other Specified Works	11.13	12.39	15.36	9.21	50.06	
65	Training/HRD	0.01	0.57	0.99	1.06	4.65	
	Total (excl. Susp.)	1990.39	2190.05	3245.62	3944.82	5337.52	

13.0 PUNCTUALITY

13.1 Punctuality Position

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24 Up to May
77	76.43	96.26	94.26	93.12	89.44

13.2 Punctuality Loss - Cause Wise Analysis

Sl. No	Cause	2021-22	2022-23	2023-24 Up to April
1	Accident	60	35	30
2	Agitation	0	3	0
3	ACP	35	89	37
4	Bad Weather	73	129	22
5	C&W (Direct)	28	64	18
6	C&W (In Direct)	13	41	4
7	Commercial	18	26	3
8	Construction	582	808	145
9	Diesel loco (Direct)	40	72	9
10	Diesel loco (Indirect)	37	63	12
11	Elec. Defect	0	18	6
12	Electric loco (Direct)	15	58	7
13	Electric loco (In Direct)	23	60	9
14	Engineering	297	379	207
15	From Other Rly	146	831	237
16	Incident	134	633	210
17	Law & Order	0	1	0
18	LC Gate	2	9	4
19	Miscreant Act.	24	27	4
20	OHE	5	54	1
21	Others	0	0	0
22	Out of Path	131	189	12
23	Re-Sch. of trains running within different Rly.	0	0	0
24	Re-sch. of trains running within Rly	0	0	0
25	Run over	14	22	4
26	S&T	49	168	55
27	Traffic	31	110	19
28	Rly. Electrification	6	89	9
29	N.I. Open Line	5	6	60
30	N.I. Construction	128	78	0
31	N.I. Project	42	203	32
32	Planned block (Open line)	75	204	54
33	Planned block (Construction)	46	19	6
Total Trains lost		2059	4488	1216
Punctuality Percentage		94.26%	93.12%	89.44%

15.0 OPERATING INDICES

Sl. No	Index	2020-21	2021-22	2022-23	2023-24 (Up to May)
1	Wagon turn round (days)	3.1	2.2	2.3	2.3
2	NTKM/Wagon day	4028	4634	5734	5572
3	Electric loco utilization (engine km/day)	446.3	346	335	350
4	Diesel loco utilization (engine km/day)	340.9	362	426.1	386

16.0 ASSET RELIABILITY:

Sl. No	Index	2020-21	2021-22	2022-23	2023-24 (Up to May)
1	Rail/Weld failures	114	114	30	02
2	Diesel loco failures	23	66	260	34
3	Electric loco failures	2	38	59	9
4	Coach detachments (Ownership)	1	4	2	0
5	Wagon detachments	5	6	27	0
6	Hot Axels	14	11	11	1
7	OHE failures	4	35	18	2
8.	Signal failures	2526	2836	1152	305

17.0 STATION RE-DEVELOPMENT

A. No.of stations modernized

SN	Station Name	Cost of the Work (in ₹ of Cr.)	Status of work
As a part of Soft Upgrades: 03 Stations			
1	Mysuru	16.80	Completed
2	Yeshvantapur	12.00	Completed
3	Dharwad	21.00	Completed
As a part of Doubling: 01 Station			
4	Davangere	11.00	Completed
As a part of Traffic Facilities: 01 Station			
5	SMVB/3 rd Coaching Terminal Baiyyappanahalli	105.00	Completed
As a part of Joint Development with M/o Tourism: 01 Station			
1	Hosapete	13.40	Completed
As a part of Doubling: 01 Station			
2	Belagavi	44.00	Completed

B. No.of stations where modernization work is proposed.

1. Bangalore Cantonment- As per Railway Board letter No. 2021/Stn.Dev.-I/08/18 dated 07.12.202. BNC Station has been identified for upgradation under Umbrella work, "Major up- gradation of Railway station in Indian railways". CAO/CN/BNC is the executing agency for this work. EPC tender for redevelopment of this Station (Tendered cost- Rs. 430 Cr) has been opened on 25.11.2022 and work awarded on 12.12.2022. PG submitted on 02.01.2023. Total station survey work and Soil exploration work completed. EPC agreement signed by EPC contractor on 28.04.23 & appointed date (D) is fixed as 13.05.23. Floor Plans of Type-II quarters approved. Work is being executed by CE/CN/I/BNC (Dy.CE/CN/SD/BNC). TDC May-2026.

2. Yeshwanthpur: As per Railway Board letter No.2011/LMB/22/1/39 dated 22.04.2022, Yeshwanthpur Station has been identified for up-gradation under umbrella work, "Major up-gradation of railway station on Indian Railways". EPC tender for redevelopment of this station awarded on 18.10.2022 (awarded cost ₹377.85 Cr.). PG submitted. Soil exploration work completed. Linen office, Mechanical stores office, RPF dog kennel dismantled. Foundation work for the GRP/RPF & Linen store building completed. Translocation of 33 nos. of trees completed. Work is being executed by CE/CN/I/BNC (Dy.CE/CN/SD/BNC). TDC Nov-2025.

As per Railway Board letter No.2011/LMB/22/1/39 dated 29.03.2022 **Hubballi, Mysuru & Vasco-da-Gama** Stations have been identified for Techno economic feasibility studies for the major re-development of stations.

- a. **Hubballi:** Tender has been opened for Techno economic feasibility study of Hubballi station on 16.09.22 and LoA issued on 05.12.22 to M/s DIMITS New Delhi. Topographical survey completed. Conceptual plan under preparation.
- b. **Mysuru:** Work is being executed by CPM/GSU/MYS. LoA issued on :07.03.2023 for Techno economic feasibility study to M/s DIMITS New Delhi. Traffic survey work in progress.
- c. **Vasco-da-Gama :** Tender for Techno economic feasibility study of **Vasco-da-Gama** station has been awarded by RVNL on 24.05.22 to M/s DIMITS New Delhi. Plans are being developed by the consultant.TDC 31.03.2023. Plans are under development and Presentation under finalization by the consultant.
- d. **KSR Bengaluru:** station is being re-developed on PPP mode by RLDA (CPM/RLDA/SBC). Consultancy has been novated from IRSDC to RLDA. Revised TOR finalized by RLDA. Master Plan is under preparation. TDC for presentation to Railway Board -15.06.2023 .

18.0 THRUST ON PASSENGER AMENITIES

18.1 EXPENDITURE IN PASSENGER AMENITIES

Year	₹ in Crores
2015-16	60.22
2016-17	41.93
2017-18	49.77
2018-19	26.19
2019-20	80.61
2020-21	115.13
2021-22	112.13
2022-23	81.32
2023-24 (Apr)	8.71

18.2 BOOKING FACILITIES

Booking Facilities	Nos.
Unreserved Ticketing System	197
UTS Terminals	675
ATVMs	87

18.3 PASSENGER RESERVATION SYSTEM (PRS)

PRS	Nos.
Locations served with PRS	46
UTS cum PRS	86
PRS at Post Offices	39

18.4 RETIRING ROOMS

Stations with Retiring Rooms No.19

Retiring Rooms	Nos.
AC	32
Non-AC	29
AC Dormitory	15
Non AC Dormitory	81

18.5 DRINKING WATER

Details	Nos.
Water Vending Machines	88

18.6 Lifts and Escalators

Year	Commissioned	
	Passenger Lifts	Escalators
Up to 2017-18	8	14
2018-19	4	0
2019-20	0	8
2020-21	10	4
2021-22	13	2
2022-23	13	8
2023-24	1	3
Total	49	39

18.6.1 Lifts

Sanctioned: 59 Lifts (@ 25 Stations) {State-wise: □ Andhra Pradesh: 4, Karnataka: 53 Tamil Nadu: 2}	UBL Div: Total: 15 Lifts @ 5 Stations HPT: 2, BGM: 7, GDG: 2, KBL: 2, BAY:2
	SBC Div: 27 Lifts @ 11 Stations SBC:2, YPR:4, YNK:2, TK:2, SSPN:2, KPN: 2, DPJ:2, HSRA: 2, CPT:2, RMGM:2, SMVB:5.
	MYS Div: 17 Lifts @ 9 Stations MYS:2, SMET:2, ASK:2, HAS: 2, RRB:2, DRU:2, TTR:2, SBHR:2 KRNR:1.
Commissioned: 49 Lifts (@ 20 Stations) {AP: 4, Karnataka: 43 Tamil Nadu: 2}	UBL Div:15 Lifts @ 5 Stations HPT:2, BGM:7, GDG:2, KBL:2,BAY:2
	SBC Div: 21 Lifts @ 8 Stations SBC:2, YPR:4, YNK:2, TK:2, SSPN:2, KPN:2, SMVB:5, DPJ:2
	MYS Div: 13 Lifts @ 7 Stations MYS:2, SMET:2, HAS:2, ASK: 2,RRB: 2, DRU: 2, KRNR:1
Work in Progress: 10 @ 5 Stations (Karnataka-8, TN: 2)	MYS Div: 4 Lifts @ 2 Station TTR:2: At PF1 & 2/3, Material received: 7/4/2023. Lift Shaft Civil work under the final stage. SBHR:2: At PF1 & 2/3, Linked with FOB, FOB Construction work in progress. Material: LOA issued on 06/10/2022.
	SBC Div: 6 Lifts @ 3 Stations HSRA: 2 : Lift shaft work at final stage. CPT: 2 : PF1:lift shaft reached FOB height,PF2/3:lift shaft work at middle stage. RMGM: 2: At PF1 & 2/3, lift shaft work at middle stage, lift material is received on 27.05.2023.

18.6.2 Escalators

Sanctioned: 55 @ 13 Stns { Karnataka: 55}	UBL Div: Total: 13 Escalators/5 Stns UBL:4; GDG:2; KBL:2; BGM:3; BAY:2;
	SBC Div: Total: 34 Escalators/ 6 Stns SBC:13; YPR:7; MYA:2; BWT:2, KJM:2, SMVB:8.
	MYS Div: Total: 8 Escalators/2Stns MYS: 4; DVG: 4;
Already Commissioned: 39 at 11 Stations { Karnataka: 36}	UBL Div: Total 8 Escalators/4 Stns UBL:2; GDG:2,BGM:2,KBL:2
	SBC Div:Total:23 Escalators/5 Stns SBC:11; YPR:5; SMVB:2,BWT:3,MYA:2;
	MYS Div: Total: 8 Escalators/2Stns MYS:4; DVG:4;
Work in Progress: 16 @ 7 Stns {Karnataka-16}	UBL Div: Total: 5 Escalators/3 Stns <u>BGM: 1:</u> At PF4, New order to be placed as Schindler escalator is not having PTC from RDSO. <u>BAY:2:</u> Escalator M/Cs received on 21.01.2023. Escalator mounting work completed & Civil canopy work Under progress. <u>UBL 2 :</u> Escalators Mounting work completed on 15.02.2023 Civil canopy work to start.
	SBC Div:Total: 11 Escalators/4 Stns <u>MYA 1:</u> PF1: Escalator foundation concreting in progress.. <u>KGI 2 :</u> PF1:Escalator foundation concreting in progress,PF2/3:Escalator foundation work yet to start. <u>SMVB 6:</u> Machines received.PO issued with TDC 14.4.2023. <u>SBC: 2 :</u> Civil Site clearance work Under progress, Escalator Purchased order issued on 31.01.2023.

18.7 Foot Over Bridges:

18.7 Foot Over Bridges: RB Target for 2023-24 : 23

SBC Division:- Mullanur
MYS Division:- Ashokapuram, & Sagara Jambagaru
CN Org. :- Pachhapur, Gokak Road, Chinchalli, Kuduchi, Ugar Khurd, Shedbal, Vijayanagar, Heggere, Banashankari, Shree Sharanagar, Adihalli, Mayakonda, Bengaluru Cantonment, Bengaluru East, Krishnarajapuram, Whitefield, Bellandur & Channasandra,Londa & Sambre

Completed (up to May-2023)FY-2023-24: 02 FOBs at 23 stations

Sl. No.	Name of Station	No. of FOBs	Executed by	Month
1	Pachhapur	1	CN	April 23
2	Sambre	1	CN	May-23
	Progress during the month May- 23 - 2 FOBs			
	Total progress up to May -23 - 02 FOBs has been constructed			

18.8 High Level Platform

Target for 2023-24 : 30

Stations
UBL: (9 stations) - Avuludatla, Kalyandurga, Hampapatnam, Ambewadi,Hagribommanhhalli,Nimbal,Minchinal,Somanakatti & Sisivanahalli
SBC: (5 station) – Chinnakote, Hudukula,Janaghatta,Dalsaaanur & Dodnatta
MYS: (8 stations)- Namjangud, Chmrajanagar, Ashokapuram, Saklespur, Subramanya road, Harihar, Ranibennur & Hanumanahalli Halt,
CN Org : (20 Stations)- Londa, Kuduchi, Chakarapalli, Heggere, Banshankari, Adihalli, Mugalolli, Jadramakunte, Almatti, Wandal, Hadihalli, Bellandur, Hebbal, Channasandra, Lokapur, Kushtagi, Shahpur, Sirwal,Biral Buzurg & Narbol.

Completed (Up to May – 23): FY-2023-24: 04 HLPFs at 4 stations

Sl. No.	Name of Station	No. of HLPFs	Executed by	Month
1	Mullanur	1	SBC	April -23
2	Chinnakote	1	SBC	May-23
3	Avuladatla	1	UBL	
4	Kalyandurga	1	UBL	

Progress during the month May- 23 - 4 HLPFs

Total progress up to May -23 - 04 HLPFs has been constructed

18.9 CATERING SERVICES

Catering	Total No. of Units	No. of Units in Operation
Static Catering Units	384	364
Trains with Pantry Cars (With IRCTC)	30	30
Trains with Pantry Cars (Run by Railways)	00	00
Base Kitchen (Run By IRCTC) (Depo)	02	02
Refreshment Rooms (Run By IRCTC)	09	07
Refreshment Run by Railway	05	04
Food Plaza (Run by IRCTC)	11	08
Fast Food units (Run by IRCTC)	15	15
Cell Kitchen (Run by IRCTC)	0	0
Jan Aahar (Run by IRCTC)	05	04

18.10 ADARSH STATIONS

In SWR 45 Stations have been identified to be developed as Adarsh Stations and work has been completed in 44 stations. Details are as under:

1. SBC Division (14 Stations): Chickballapur, Devanahalli, Doddaballapur, Gauribidanur, Yelahanka, Hindupur, Sidlaghatta, Kolar, Chintamani, Srinivaspura, Hosur, Sri Satya Sai Prasanti Nilayam, Tumkuru & Kuppam.

2. UBL Division (21 Stations): Londa, Bagalkot, Gokak Road, Koppal, Hubballi, Gadag, Sambre, Almatti, Badami, Ballari, Daroji, Ugar Khurd, Mallapur, Kudachi, Gudgeri, Dharwad, Vasco-Da-Gama, Sanvordem, Vijayapura, Kalas Halt & Belagavi.

3. MYS Division (9 Stations): Chamarajanagar, Nanjangud Town, Haveri, Davangere, Harihara, Bantwal, Kabakaputtur, Subramanya Road & Hole Narsipur.

At Neralakatte station- detailed estimate is under preparation for taking up the work

18.11 BATTERY OPERATED VEHICLES

Battery operated Vehicles for physically challenged and old age passengers are provided at KSR Bengaluru (7) , Yesvantpur (4), Hubballi (2) and Mysuru (2)

S.NO	Div / Station	No of BOC	Remarks
1	SBC	7	Contract is given to Maini Materials Movement Pvt .ltd Per head 24/-
2	YPR	4	Contract is given to Diamond Technology Per head 20/-
3	UBL	2	Contract given to ADCOM Company on chargeable basis 20/- per head and trip with 10kg of luggage
4	MYS	2	Running under commercial publicity route

19.0 ENERGY NEUTRAL STATIONS

(Stations at which Solar Panels Provided - MWp)

SL	Div	Stations	Installed Date	Capacity (kWp)
1	UBL	UBL Station	18-06-2018	220
2		BAY Station	20/12/2018 & 29.04.2019	180
3		GDG Station	10/01/2019 & 29.01.2019	120
4		UBL Station	10-01-2019	60
5		Hosapete Station	01-12-2018	100
6		24 No of station of 0.5 kWp		12
7		14 No of station of 1 kWp		14
8		11 No.of stations Each of 10KWp (IDR,LHN,NBL,GPB,MVD,DUR,MNL,KN P,BLR,JML,LKY)		110
		TOTAL		816
9	SBC	SBC Station (PF-7&8)	03-04-2018	60
10		YPR Station	11-04-2018	80
11		Sir M Visveswaraya Terminal Bangalore		9.75
12		Shravanabelagola		8.125
13		8 No of station 0.225kWp		1.8
14		SSPN	04.02.2023	10
15		Devarpalle	11.02.2023	14
16		Malugur	11.02.2023	16
17		Gauribidanur	13.02.2023	14
18		Oddarahalli	16.02.2023	13

SL	Div	Stations	Installed Date	Capacity (kWp)
19		Narayanapuram	31.03.2023	15
			TOTAL	241.675
20	MYS	MYS Rly Station	23-04-2018	110
21		52 No of station of 0.225 kWp		11.7
22		2 No of station of 20 kWp		40
23		2 No of station of 10 kWp		20
24		2 No. of station of 0.64kWp		1.28
25		Kardi	23.03.2023	10
26		Devaragudda	23.03.2023	10
27		Kodaganur	24.03.2023	20
28		Nanjangud town	27.03.2023	15
29		Ballekere	28.03.2023	30
30		Banavar	30.03.2023	15
31		Hosa Agrahara	31.03.2023	15
			TOTAL	297.98
Grand Total of Solar plant installed at station buildings over SWR(kWp)				1355.655

- Total installed **Solar Rooftop power is 5005.655 kWp.**(Stations Capacity 1355.655 KWp , Service Building Capacity 3650 KWp) With including solar pumps-130.36 kWp & LC Gates-122.41Kwp, Total Installed Solar Power till May-23 in South Western Railways is **5238.425 kWp**

Summary

Sl. No	Locations	Installed Capacity in KWp
1	Stations (Rooftop)	1355.655
2	Service Buildings	3650
3	LC Gate	122.41
4	Solar Pump	130.36
	Grand Total	5238.425

20.0 LAND BASED POWER PLANTS(Approved/sanctioned by Railway Board)

Sl. No	Div	Proposed Location	Area Proposed (Acres)	Capacity (MWp)	Agency	Present Status
1	UBL	6 Locations: (Kariganuru, Hosapete, Ranjithpura, Hagaribommanahalli, Pachapur, Kulem)	52.45	17.69	Yet to be finalized by Board	Proposals submitted to Board with GM's approval (letter dtd 25.4.2020)
2	SBC	16 Locations: (Semandapatti, Karuvalli, Toppuru, Muttampatti, Sivadi, Palakkodu, Marandahalli, Rayakottai, Gum (Yard), Kadagatthur (Yard), Karugondapalli (Yard), Adiyamankottai (Yard), Pulikarai (Yard), Manchesetahalli, Bangarpet (East Colony), Kuppam (Railway Colony)	262.16	88.41	Yet to be finalized by Board	
3	MYS	3 Locations (Devaragudda, Talaku Mysuru-Yeliyur section)	35.09	11.83	Yet to be finalized by Board	
Total			349.69	117.93	--	--

SWR has submitted the details of vacant land of 349.69 Acres with an estimated solar capacity of 118MWp to REMCL/RB with GM/SWR Approval for further course of action. In spite of floating tender thrice, REMCL has not got bid offers. .

Recently, SWR submitted details of land availability (77.4 acres approx.) near 9 TSS under SWR jurisdiction.

REMC Limited invited tender for "Setting up of Land Based Solar PV Power plant on Private/Farmers Land near Traction Substations (TSSs) at 25 KV" on 15.07.2022. 1 TSS - Kariganuru(KGW) with 12 acres of land has been involved in the tender.

21.0 STATUS OF MECHANIZED LAUNDRIES

Depot	Departmental/ BOOT Model	Capacity/ Day	Remarks
Hubballi	Departmental	4	2T capacity commissioned on 01.09.2013 2T Capacity augmented & commissioned on 24.5.19
Mysuru	Departmental	3	1.5T capacity Commissioned on 18.12.15, 1.5T Capacity augmented & commissioned on 01.09.2019
Bengaluru	BOOT	10	10T capacity commissioned on 28.09.2017

22.0 STATUS OF CLEAN TRAIN STATIONS (CTS)

Nominated Stations	Name of the Agency	Validity Period	No of trains attended/day
NIL	Nil	Nil	nil

23.0 STATUS OF ON-BOARD HOUSE KEEPING SERVICES (OBHS)

Trains (pairs) Covered	Remarks
35 pairs	Pre –Covid 57 Pair trains

24.0 MECHANIZED CLEANING OF COACHING RAKES & DEPOTS (PURI PATTERN)

Total No. of Coaching Depots	Remarks
8 (SBC, YPR, BYPL, MYS, ASK, UBL, VSG & BGM)	8 Depots - Contract staff

25.0 MECHANISED CLEANING OF STATIONS

Division	NGT Stations with Mechanized Station Cleaning Contracts	NGT Stations managed through Station Imprest
UBL (9 NGT)	9 (UBL, DWR, VSG, BGM, BJP, HPT, BAY, GDG, LD) 4 Non NGT stations (BGK, TNGL & GPB, KBL) also covered.	Nil
SBC (17 NGT)	6 (SBC, YPR, BNC, KJM, KGI , BWT) 1 Non NGT station (SMVB)	11 (SSPN, MYA, CPT, HUP, HSRA, KPN, MLO, RMGM, TK, WFD, YNK)
MYS (12 NGT)	2 (MYS & DVG) 2 SMET & ASK (Manual Cleaning)	08 (RRB, HRR, HAS, CMNR, NTW, SBHR, SRF)
SWR (38 NGT) TOTAL	22 Stations (Including 5 Non NGT Stns) with Mechanized Cleaning & 2 stations with Manual cleaning.	19 NGT Stations cleaned through station Imprest.

26.0 TRACK BRIDGES (As on 04.05.2023)

SL. No.	Division	Important Bridges	Major Bridges	Minor Bridges	Total Bridges
1.	Bengaluru	0	219	3443	3662
2.	Hubballi	14	182	2599	2795
3.	Mysuru	13	323	2769	3105
	Total	27	724	8811	9562

27.0 LEVEL CROSSINGS, ROB/RUB

27.1 Numbers of Manned Level Crossings: (As on 31.03.2023)

Sl. No	Division	Manned LCs		
		Inter-locked	Non Inter-locked	Total Manned LCs
1	Bengaluru	136	48	184
2	Hubballi	129	145	274
3	Mysuru	102	127	229
	Total	367	320	687

27.2 ROAD OVER BRIDGE/ROAD UNDER BRIDGE

ITEM	ACHIEVED 2022-23			TARGET 2023-24			ACHIEVED 2023-24 (UPTO MAY-23)		
	OPEN LINE	CONST	TOTAL	OPEN LINE	CONST	TOTAL	OPEN LINE	CONST	TOTAL
ROB on Cost Sharing	0	4	4	0	12	12	0	2	2
ROB on deposit	0	0	0	0	0	0	0	0	0
ROB on Rly Cost	1	0	1	2	0	2	0	0	0
ROB on NHAI	7	0	7	0	0	0	1	0	1
ROB on AW	0	4	4	0	2	2	0	0	0
Total ROB	8	8	16	2	14	16	1	2	3
Total RUB	14	15	29	2	7	9	1	3	4

27.3 PROGRESS OF ROAD SAFETY WORKS

MODE OF ELIMINATION	Achieved 2021-22	Planning 2022-23	Achieved 2022-23 (Upto May-23)
Direct Closure	0	0	0
Diversion	6	02	0
Subway	19	08	1
ROB	10	10	0
Total	35	20	1

27.4 ROBs/RUBs:

The ROBs/RUBs completed during the previous years and those targeted for 2022-23 are shown below:

shown below.

Year	Cost Sharin g	Deposit	Accommo dation	Rly Cost RUB's	Rly Cost ROB's	NHAI	Total	
2011-12	5	4	52	67	-	5	133	
2012-13	5	5	38	75	-	1	124	
2013-14	5	1	87	73	-	3	169	
2014-15	6	3	45	75	-	-	129	
2015-16	4	3	32	38	1	-	78	
2016-17	10	1	17	21	6	-	55	
2017-18	6	1	37	23	3	-	70	
2018-19	4	3	40	34	2	-	83	
2019-20	2	-	49	30	2	-	83	
2020-21	4	1	7	31	3	1	47	
2021-22	3	22	6	28	7		45	
2022-23	7	3	17	10	1	7	45	
2023- 24	T	15	0	6	2	2	-	25
	A	2	0	3	1	0	1	07

28.0 SPEED UPGRADATION:

28.1 Speed Restrictions & PSR's

Sl. No.	Item	2020-21		2021-22		2022-23		2023-24	
		Target	Progress	Target	Progress	Target	Progress	Target	Progress
1	Raising of Sectional Speeds (Route km)	383	310	368	376	400	917.31	455	220.28
2	Raising of Loop Line speed to 30 KMPH (km)	332	362	550	214	650	655	154	0
3	Removal of Permanent Speed Restrictions (PSRs)	25	25	14	18	13	16	10	3
4	Elimination of Manned LCs	92	9	52	36	35	3	--	--

28.2 Maximum Permissible Speeds

a) Speed raised during 2021-22:

Group	Name of Section	Length (Track Km)	Speed raised		Speed raised on
			From Km/h	To Km/h	
D	Tumukur-Gubbi	17.66	80	110	Apr-21
D	Banasandra-Kardi	10.41	60	90	Apr-21
D	Gubbi-Nittur	9.26	90	100	Jun-21
B	Makalidurga - Devarapalle	36.12	90	110	Jul-21
E	Chikbalapur-Kolar	85.00	75	100	Jul-21
B	Yelhanka-Odorahalli	28.08	90	100	Jul-21
D	Davanagere-Tolahaunse	9.45	90	100	Jul-21
D	Arsikere-Kardi - Banasandra-Sampige Road	44.22	100	110	Jul-21
D	Chikodi Road-Raybagh	13.94	90	100	Jul-21
D	Harihar -Devargudda	31.22	90	100	Aug-21
D	Hubli-South Hubli	3.88	60	80	Aug-21
D	Raybagh-Kudachi	16.93	80	100	Aug-Sep
Dspl	Binkadakatti-Gadag	2.39	90	100	Sep-21
E	Almatti-Basavana Bagewadi road (DN)	0.65	85	90	Nov-21
E	Jumanal-Vijayapura(DN)	8.21	80	90	Nov-21
B	Yelahanka- oddarahali	27.70	100	110	Jan-22
D	Chickodi-Raybagh--Kudachi	30.87	100	110	Jan-22
		375.99			

b) Speed raised during 2022-23:

(i) 110 KMPH

S.N	Group	Name of Section	Length (Track Km)	Length Route Km	Speed raised		Speed raised on
					From Km/h	To Km/h	
1	D	Gubbi-Nittur UP	9	9	100	110	June' 22
2	D	Karajgi-Gudgeri UP	32	32	100	110	June' 22
3	D	Hotgi-Basavanna Bagewadi UP	136	136	90	110	June' 22
4	D	Hotgi-Basavanna Bagewadi DN	136		90	110	June' 22
5	D	Tolahunse-Harihar	22.67	22.67	100	110	July' 22

		DN					
6	D	Tumakur-SampigeRoad	41	41	100	110	Aug'22
7	D	Koppal-Haddinagundu UP	95	95	100	110	Sept'-22
8	D	Koppal-Haddinagundu DN	95		100	110	Sept'-22
9	D	Arisikere-Birur UP	45.00	45.00	100	110	Sept'-22
10	D	Arisikere-Birur DN	45.00		100	110	Sept'-22
11	D	Sanvordam - Madgoan DN	15	15	100	110	Sept'-22
12	D	Chitradurga-Molakalmuru SL	83	83	100	110	Oct'22
13	D	Haveri-Karajgi DN	6.00	6	100	110	Nov-22
14	D	Hubli-Dharwar UP & DN	40	20	100	110	Dec-22
15	B	Hindupur-Devarapalli UP	11	11	100	110	Dec-22
16	B	Hindupur-Penukonda UP	37	37	100	110	Dec-22
17	D	Nittur- Sampige Road UP	14	14	100	110	Jan-23
18	D	Chikjajur-Tolahunse DN	36.82	36.82	100	110	Jan-23
19	D	Chikjajur-Harihar UP	59.09	22.27	100	110	March-23
		Total	957.58	624.86			

(ii) OTHER THAN 110 KMPH:

S.N	Group	Name of Section	Length (Track Km)	Route Km	Speed raised		Speed raised on
					From Kmph	To Kmph	
1	D	Shravanabelagola -Hassan SL	40	40	60	100	April' '22
2	D	Banasandra- Sampige Road DN new	8.32	8.32	90	100	June' 22
3	D	Yalvigi-Saunshi DN New	8.86	8.86	60	80	July' 22
4	D	Saunshi-Savanur DN New	18.60	18.60	80	100	July' 22
5	D	Gadag-Holealur UP New	37.27	37.27	80	90	July' 22
6	D	Holealur-Balganur DN new	10.74	10.74	80	90	July' 22
		Total	123.79	123.79			

(iii) SUMMARY

S.N	SPEED	Rly board Target (22-23)	E-drishiti (110 kmph) Target	Progress	
				Route Km	Track Km
1	Up to 110 Kmph	400 Route Km	615.5 (Route Km)	624.86	957.58
2	Other than 110 Kmph		916.49 (Track Km)	123.79	123.79
Total				748.65	1081.37

a) Speed raised during 2023-24:

(i) 110 KMPH:

S.N	Group	Name of Section	Length (Track Km)	Route Km	Speed raised		Speed raised on
					Updated. 25th April 23		
					From Kmph	To Kmph	
1	D	Sampige Road - Banasandra DN (New Line)	8.338	8.338	100	110	10-04-2023
2	D	Chikbanavar- Hassan SL (Old line)	164.800	164.800	100	110	24-04-2023
		Total	173.138	173.138			

(ii) OTHER THAN 110 KMPH- NIL

29.0 TRACK RENEWAL WORKS PROGRESS:

SL. No	Item Description	2020-21	2021-22	2022-23	2023-24	
					RB Target	Progress (up to Mar-23)
1	CTR (P+S)	140.38	184.2	255.05	180	15.75
2	TRR (P)	145	165.5	202.62	218	16.46
3	TSR (P)	107	138	154.11	120	11.75
4	TRR (S)	23.45	22.01	57.33	13	1.68
5	TSR (S)	5.32	42.89	95.99	9	1.62
6	Deep Screening	521.44	626.25	655.52	608	52.47
	Plain track (Kms)	321.94	360	384.77	350	26.22
	Turn out (Nos)	266	355	361	344	35
7	Ballast Collection (in Thousands)	594	608	636	500	46
8	TTR	150	221.38	210.13	175	19
9	TFR	223.89	255	460.67	300	32.75
10	TBTR	294	191	180	-	-
11	TWR	130	184.59	235.36	200	27.54
12	Scrap in MT	21237.9	22000.2	19083	16000	631
13	Formation Treatment	21.61	0	0	30	0
14	USFD Testing	13771.9	13138.2	14438.46	17103	1302.74
15	Removal of PSR (Nos.)	25	18	16	10	2
16	Rail failure (Nos.)	20	20	8	-	0
17	Weld failure (Nos.)	94	94	22	-	2
18	Raising of Sectional Speed	915.17	376	1081.37	455	173
19	Raising of Loop line Speed	361.7	214	650.37	154	0

30.0 INCREASING OF SPEED FROM 100/110 KMPH TO 130 KMPH OVER BENGALURU(SBC)-HUBBALLI(UBL)-DHARWAD(DWR) MAIN LINE.

The existing speed on the **Bangalore(SBC)-Hubballi(UBL)-Dharwad(DWR)** Main line is 100/110 Kmph.

A. The 489 route km between **Bangalore-Hubballi-Dharwad** passes through all three divisions of the South Western Railway. The jurisdiction of all three divisions, along with their length, is furnished below.

S.N	Division	Station (From)	Station (To)	Route Length (KM)
1	Bengaluru	Bengaluru (0.00 km)	Sampige road (110.300 km)	110
2	Mysuru	Sampige road (110.300 km)	Karajgi (400.300 km)	290
3	Hubballi	Karajgi (400.300 km)	Dharwad (489.00 km)	89
		Total		489

B. **Summary of cost estimates of proposals of Bengaluru, Mysore & Hubballi divisions:**

S.N	Description	Cost (Rs. in Cr)
A	Engineering	626.60
B	Electrical TRD	47.66
C	S&T	94.36
	Total	768.3

Accordingly, proposal has been prepared costing Rs 768.30 Cr and the same has been vetted by associate finance under "Out of turn" for the year 2022–23. GM/SWR approval is being obtained and forwarded to the Railway Bard for further processing.

31 INCREASING OF SPEED FROM 100/110 KMPH TO 160 KMPH OVER BENGALURU-JOLARPETAI & BAIYYAPPANAHALLI- DHARMAVARAM.

- The existing speed on the Bengaluru-Jolarpetai and Baiyyappanahalli-Dharmavaram is 110 kmph. These sections are identified for raising speed to 160 kmph as part of the Chennai-Bengaluru and Hyderabad-Bengaluru high speed corridors for running semi-high speed trains.
- The Southern and South Central Railways have been designated as nodal railways for the preparation and submission of the DPR for Bengaluru-Hyderabad & Bengaluru-Chennai respectively.
- The portion of DPR belonging to SWR, along with a vetted copy of the estimate, has been submitted to the respective nodal railway.

A. DPR for Bengaluru-Jolarpetai section: Submitted to Southern Railway vide letter No.SWR/W.456/Increasing Speed/160kmph/SBC-JTJ dated 17.06.2022.

Summary of cost of proposal of 160 kmph between Bengaluru- Jolarpetai:

S. N	Description	Cost (in Crs)
1	Engineering estimate	2015.49
2	TRD Estimate	313.86
3	Mechanical Estimate	96.62
4	S&T Estimate	367.84
	Total Amount	2793.81

B. The DPR for the Baiyyappanahalli-Dharmavaram section: Submitted to South Central Railway vide Letter no. SWR/W.456/Increasing Speed/160kmph/SBC-JTJ dated 10.06.2022

Summary of cost for 160 Kmph speed proposal between Baiyyappanahalli-Dharmavaram:

S. N	Description	Cost (in Crs)
1	Engineering estimate	3064.24
2	TRD Estimate	443.14
3	Mechanical Estimate	225.99
4	S&T Estimate	372.92
	Total Amount	4106.29

- I. Engineering works involves shifting & flattening of curve, Strengthening of Bridges, Interlocking/eliminating of LC, Fencing along the track, Track up gradation to the stipulated standard for 160 kmph, acquisition of Land etc.

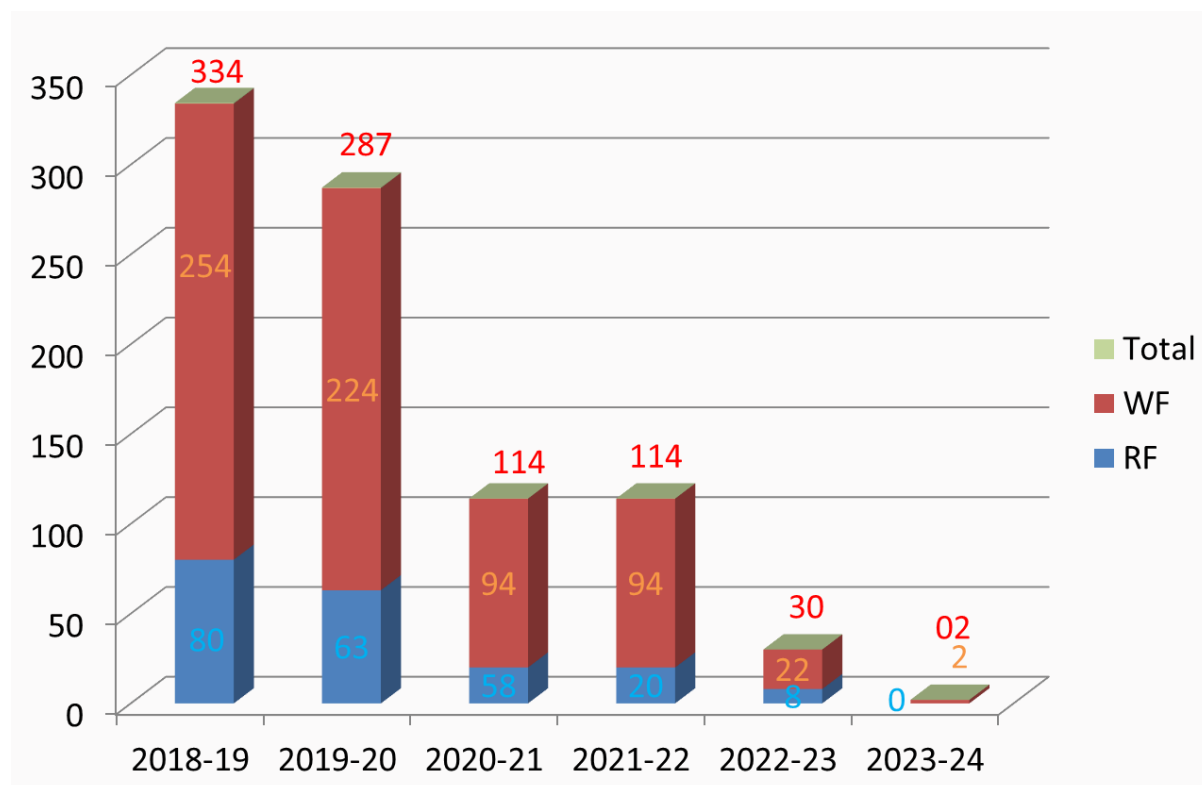
32. RAIL/WELD FAILURES:

- 2022-23: 30 No. (5.93 per 1000 TKm, Up to Mar - 2023)
- 2023-24: 02 No. (0.39 per 1000 Tkm, Up to May - 2023)

Year	Track km	RF	WF	Total	No.of Failures per year 1000 km	% Reduction w.r.t. previous
2020-21	4651.9	20	94	114	24.50	58.70%
2021-22	5050	20	94	114	22.57	58.70%*
2022-23	5056.92	8	22	30	5.93	73.68%
2023-24	5288	0	2	2	0.37	---

From the data, it can be seen that there is a considerable reduction in the Rail/Weld failures due to various improvement measures taken.

A. TOTAL NO OF RAIL/WELD FAILURES OVER THE YEARS UP-TO 31.05.2023:



33. PSR DETAILS OF SOUTH WESTERN RAILWAY:

1	Total no of PSR as on 01.04.2023	409 Nos
2	No of PSR Targeted during 2023-24	
	a) Removal	10Nos
	b) Relaxation	-
3	No. of PSR possible for Relaxation/Removal	45 Nos
4	Planning of Removal/Relaxation of PSR year wise	
	a) 2022-23	19 Nos
	b) 2023-24	18 Nos
	c) 2024-25	07 Nos
	d) 2025-26	01 Nos
5	Progress achieved in 2023-24	
	a) Relaxation	01Nos
	b) Removal	02 Nos

34.0 LOCO / DMUs/EMUs/COACH HOLDING

34.1 Diesel Locomotive Engines

Shed	ALCO					HHP					Total
	WDM2	WDG3A	WDM3A	WDM3D	WDS6	WDP4	WDP4B	WDP4D	WDG4	WDG4D	
KJM	0	33	22	4	7	28	3	80	14	0	191
UBL	--	--	--	--	--	17	13	18	147	40	235
Total	0	33	22	4	7	45	19	98	161	40	426

34.2 DEMUs

Shed	HP	DPC	TC	Total
BNC	1600	03	10	13
BNC	1400	25	76	101
SWR Holding		28	86	114

34.3 Electric Locomotive Engines

Shed	WAG9	WAP7	Total
UBL (E)	18	NA	18
KJM (E)	44	24	68

34.4 MEMUs

Shed	MEMU		EMU		Total	
	MC	TC	MC	TC	MC	TC
BAND	58	174	0	0	58	174
Total	58	174	0	0	58	174

* 20 MCs & 60 TCs are 3-Phase stock

34.5 Coach Holding

Sl. No	Depot	Coach Holding					No. of Trains (Pre Covid)			No of Trains (Current)		
		Total (A)	AC (B)	WCB (C)	Power Cars (D)	Non-AC E=A-(B+C+D)	PM	SM	OEM	PM	SM	OEM
Bengaluru Division												
1	SBC DEPOT	1170	459	23	49	639	25	7	28	20	0	18
2	YPR DEPOT	772	274	16	44	438	36	10	26	33	9	15
3	SMUB DEPOT	182	74	8	6	94	--	--	--	5	10	12
SBC Div Holding		2124	807	47	99	1171	61	17	54	58	19	45
Mysuru Division												
4	MYS DEPOT	832	139	3	17	673	29	4	20	26	3	19
5	ASK DEPOT	184	3	0	0	181	14	0	2	8	0	2
MYS Div Holding		1016	142	3	17	854	43	4	22	34	3	21
Hubballi Division												
6	UBL DEPOT	944	173	11	10	750	23	0	18	31	0	12
7	VSG DEPOT	341	84	10	7	240	10	1	8	6	1	2
8	BGM DEPOT	136	26	0	6	104	-	-	-	3	0	2
UBL Div Holding		1421	283	21	23	1094	33	1	26	40	1	16
S W Rly Holding		4561	1232	71	139	3119	137	22	102	132	23	82

(P.M- Primary Maintenance; S.M.-Secondary Maintenance;
O.E.M.- Other End Maintenance)

Status of Bio-Toilets: All the PCVS are fitted with Bio- Toilets

35.0 WORKSHOPS – OUT TURN:969

Shop	Type	2018-19			2019-20			2020-21		2021-22		2022-23		2023-24	
		Tar	Act	With Credits	Tar	Act	With Credits	Tar	Act	Tar	Act	Tar	Act	Tar	Act
UBLS	ICF (including MEMU, DEMU& LHB)	1092	1096	+4	1027	1059	+32	969	838*	1096**	1095	1028	1090	164	187
MYSS	ICF (including LHB)	895	932	+37	868	862	-6	732	701*	638**	799	816	857	93	136

*Railway Board has declared holiday from 20.03.20 to 03.05.20 due to COVID 19pandemic.

** From 03.05.21 to 24.05.21 both Workshops (UBLS+MYSS) closed due to prevention of COVID-19.

36.0 SAFETY PERFORMANCE

33.1 Accident Analysis:

(i) Passenger Train Accidents:

Sl. No.	Category	2019-20	2020-21	2021-22	2022-23	2023-24 (up to May)
1	Collision	-	-	-	-	-
2	Derailment:					
	Mid-Section	02	01	03	-	01
	At-Station	-	-	-	-	01
	Total Derailments	02	01	03	-	02
3	Level Crossing Accidents					
	Manned	-	-	-	-	-
	Unmanned	-	-	-	-	-
	Total LC Accidents:	0	0	0	-	-
4	Fire in trains	-	-	-	-	-
5	Miscellaneous	-	-	-	-	-
Grand Total		02	01	03	NIL	02

(ii) Train Accidents – Passenger + Goods:

S. No	Category	2019-20	2020-21	2021-22	2022-23	2023-24 (Up to May)
1	Collision	-	-	-	-	-
2	Derailment:					
	Mid-Section	02	01	03	-	01
	At-Station	-	-	-	-	01
	Total Derailments	02	01	03	-	02
3	Level Crossing Accidents					
	Manned	-	-	-	-	-
	Unmanned	-	-	-	-	-
	Total LC Accidents:	0	0	0	-	-
4	Fire in trains	-	-	-	-	-
5	Miscellaneous	-	-	-	-	-
Grand Total		02	01	03	NIL	02

(i) Safety Initiatives:

Sl. No	Details of Safety Activity	2020-21	2021-22	2022-23	2023-24 (Upto May)
1.	Night inspections by officers	857	1701	2599	403
2.	Bi-monthly safety audits	03	06	02	01
3.	Inter-Railway inspections	01	02	00	01
4.	Safety drives	09	16	961	02
5.	Safety Seminars	345	682	872	152
6.	Ambush checks with R.T.O./ State Police Officials at LCs	511	804	1262	263
7.	Mass safety awareness programs	969	1251	1520	264
8.	Mock drills + ARTs/MRVs	48	107	39	08
9.	Enquiries pending beyond the target date	Nil	Nil	Nil	Nil
10.	DAR cases pending beyond the target date	Nil	Nil	Nil	Nil
11.	Front line staff due for PME/ Refresher course	14/913	78/434	35/373	41/281
12.	Back log in Bi-monthly safety audit (Due to COVID-19)	03	0	0	0
13.	Backlog in Inter Railway audit inspections (Due to COVID-19)	01	0	0	0

(ii) Vacancies in Safety Categories (as on 01.05.2023)

Department	Sanction Strength	On Roll	Vacancies	Vacancy %
Operating + Safety	4972	4526	446	8.97
Engineering	10071	7635	2436	24.19
Signal	1025	917	108	10.54
Mechanical	3849	3717	132	3.43
All other Safety Category Staff	9073	8264	809	8.92
Total	28990	25059	3931	13.6

Total Staff Strength: Sanction: 28990; On Roll: 25059; Vacancies: 3931

37.0 STAFF STRENGTH AS ON 01.06.2023.

Details	Sanction	Actual	% of Vacancy
Non-Gazetted	41452	36766 (including contract staff and trainees)	11.30
Gazetted	597	532	10.89
Total	42049	37298	11.30

38.0 STATUS OF UMID / HRMS / E-DAS (as on 01.05.2023)**38.1 Employee UMID status :-**

Sl. No	Unit	Total Strength	Registered	Registered %	Employees Applied	Cards Generated out of applied	% of Cards Generated out of applied
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	SWR/HQ	1131	1083	95.76	1032	1021	98.93
2	MYS DIV.	6284	6267	99.73	6232	6231	99.98
3	SBC DIV.	10556	10359	98.13	10050	10032	99.82
4	UBL DIV.	11343	10983	96.83	10454	10427	99.74
5	UBL WORKSHOP	2899	2820	97.27	2716	2713	99.89
6	MYS WORKSHOP	1713	1706	99.59	1697	1697	100.00
7	CN/BNC	604	599	99.17	578	578	100.00
SWR		34530	33817	97.94	32759	32699	99.82

38.2 Pensioners UMID status :-

Sl. No.	Unit	Total Strength	Registered	Registered %	Pensioners Applied	Cards Generated out of applied	% of Cards Generated out of applied
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	SWR/HQ	563	365	64.83	336	334	99.40
2	MYS DIV.	7734	3276	42.36	3013	3006	99.77
3	SBC DIV.	11647	5155	44.26	4740	4728	99.75
4	UBL DIV.	15223	4833	31.75	4282	4260	99.49
5	UBL WORKSHOP	5429	2741	50.49	2495	2485	99.60
6	MYS WORKSHOP	3269	1730	52.92	1668	1668	100.00
7	CN/BNC	169	155	91.72	149	149	100.00
SWR		44034	18255	41.46	16683	16630	99.68

38.3 HRMS Status (as on 01.06.2023)

Div./Unit	Orders Issued	Pass Issued	APARs Generated	Change Requests Closed (ESS)	Executive Records Closed	PF Loan	Sent for Settlement	PPO Generated
SBC Div.	1021	93262	10186	11085	13	7079	717	560
CN/BNC	102	8652	357	226	7	721	87	53
UBL Div.	307	111017	9972	7446	38	5865	467	295
UBLS	166	35774	2940	49	3	2792	194	121
MYS Div.	981	48309	6154	3629	21	3797	393	283
MYSS	120	11713	1351	199	2	2980	165	64
HQRS	76	20915	435	201	19	1308	64	49
TOTAL	2773	329642	31395	22835	103	24542	2087	1425

39.0 SECURITY

39.1 Train Escorting:

On an average, 25 to 30 important nights bound Express/mail trains with 105 to 110 RPF personnel escorted on daily basis in April-2023.

39.2 Integrated Security System

- Integrated Security System has been implemented over SWR at Bangalore, Yeshwanthpur and Mysore Railway stations, at the cost of Rs.9.75 Crores, which was sanctioned by Railway Board vide item No. 281 of PB 2009-10 under Plan Head-64 other specified works chargeable to the Capital.
- CSTE/Proj/SWR is the executing agency for ISS over SWR.
- 03 years AMC period for X-baggage scanners is being finalized.
- AMC for UVSS is being initiated by Divisions.
- So far expenditure incurred for ISS over SWR **Rs. 7.78 Crores**.
- The equipment's installed at these stations under this scheme is as under:-

Schedule	Description Items	SBC	YPR	MYS	Total
CCTVs	--	83	48	38	169
Access Control	Under Vehicle Scanners	02	01	01	04
	HHMDs	20	12	06	38
X-ray Scanners	High Capacity X-Ray Baggage Scanners	01	01	01	03
	Portable X-Ray Scanner	--	--	--	--
BDDS items *	Sniffer Dogs	02	01	02	05

* No BDDS items were proposed/procured due to paucity of funds.

38.3 Implementation of VSS over SWR

Railway Board Lr. No. 2015/Tele/3(7)2 dated 14.09.2016 total allotted fund 15.21 crore. for 31 station under nirbhaya fund.

- Out of the 31 Railway Stations at 17 stations VSS cameras have been installed by Rail Tel under Nirbhaya fund allotted fund. 9.55 Cr.
- 5.66 Cr. is balance for 14 stations by Project Hubballi.

SL No	Station Name	Total No. of cameras	SL No	Station Name	Total No. of cameras30
01	Hubballi	19	10	Krishnarajpuram	30
02	Belgavi	40	11	SSPN (Satya Sai Prashanti Nilyam)	28
03	Ballary	39	12	Kengeri	25
04	Vasco	40	13	Banaswadi	25
05	Gadag	26	14	Hassan	35
06	Vijayapura	26	15	Shimogga Town	29
07	Hosapete	22	16	Davangere	26
08	Bengaluru Cant	29	17	Birur	25
09	Bangarpet	35	--	--	--
Total		276	Total		223
Grand total			499		

39.4 CCTV cameras in other work

SL No	Station Name	Total
01	Hubballi	23
02	Hubballi 3 rd entry	30
03	Sir M Visvevaraya (T) Bengaluru	63
Total		116

Total CCTVs over SWR:

01	Under VSS	499
02	Under ISS	169
03	Under other work	116
Total		784

40.0 HEALTH CARE

Preparedness to manage Covid-19

Unit	Total Oxygenated beds	ICU beds	HFNO	PSA plants (500 LPM)	Oxygen concentrators	Oxygen cylinders	Ventilators
CH/UBL	149	9+6 PICU	03	1	10L-24 5L-24	J-200 B-198	16
RH/SBC	50	8+6 PICU	07	1 + 1 KL Two tanks of Liquid Oxygen	10L-41 5L-05	J-172 B-42	11
RH/MYS	101	6 HDU	02	1	10L-34 5L-26	J-40 B-168	06

In addition to above, SWR has empanelled private hospitals where patients can be admitted. Hubli – 07 Hospitals, SBC – 17 Hospitals & MYS - 08 Hospitals. Also having liaison with Government Hospitals.

Vaccination data of SWR

Unit	Total employees	1 st dose taken	1 st dose pending	2 nd dose taken	2 nd dose yet to be due
UBL	15888	15888	0	15642	246
SBC	11205	11093	112	10746	347
MYS	8235	8207	28	8049	158
SWR	35328	35188	140	34437	751

- Employees first dose percentage 99.58%
- Employees second dose percentage 97.87%

Unit	RELHS & Family members 1 st dose taken	RELHS & Family members 2 nd dose taken
UBL	7333	7020
SBC	5210	3979
MYS	2957	2927
SWR	15500	13926

Vaccination data of SWR (Booster dose for 18 years & above)

Hospital	Employees	Dependants/ Beneficiaries	Total
CH/UBL	2447	3623	6070
RH/SBC	863	396	1259
RH/MYS	415	961	1376
SWR	3725	4980	8705

Data of Covid since beginning of the pandemic

Hospital	Total RT-PCR	Total positive till date	Total patient in treated in Hospital	Out of total patient treated in ICU
CH/UBL	22828	3415	2037	271
RH/SBC	13005	4067	3012	1055
RH/MYS	5155	801	841	0
SWR	40988	8283	5890	1326

Hospital	Total +ve case since the outbreak of pandemic	Total recoveries	Active cases as on date	Deaths due to covid-19			
				Emple- yees	Retired/ Dependents	Out- siders	Total
CH/UBL	2709	2588	1	19	100	1	120
RH/SBC	5055	4946	0	30	78	1	109
RH/MYS	2351	2298	1	15	37	0	52
Total	10115	9832	2	64	215	2	281

41.0 MATERIALS MANAGEMENT

41.1 Scrap Disposal

(₹ in Crs.)

Item	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24 (April)
Target for the year	125.00	155.00	110.00	115.00	145.00	150.00
Disposal for the year	137.46	146.54	115.88	138.04	180.52	10.47

41.2 Turnover Ratio (%) – (Without fuel with suspense)

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24 (April)
-5.66%	5.89%	14.14%	16.47 %	11.77%	35.73 % (30.04.2023)

TOR Target 2023-24 : 30%

42. IN-MOTION WEIGH BRIDGES:

Division	No. of Stations	Stations
Hubballi	10 (Private) & 6 (Railway owned) Total= (16 Weigh Bridges)	1. Dharwad (DWR) 2. Tungabhadra Dam (TBDM) 3. Bannihatti (BNHT-Rd.No.3) 4. Bannihatti (BNHT-Rd.No.4) 5. Papinayakanahalli (PKL) 6. Daroji (DAJ) 7. Bannikoppa (BNA) 8. Toranagallu(JSWT) (No. of.WB-(4)) 9. Vyasakeri (M/s. BMM Ispat Ltd.) 10. MurmugaoHarbour (Adani loading line No. of.WB-(2), 11. MurmugaoHarbour(South West Port Limited) 12. Ginigera (Kirloskar Ferrous Industries Limited). 13. Sanvordem (SVM) 14. JSW Siding Nandihalli (JSWN)
Mysuru	03 Railway & 01 Private	1. Hassan (HAS) 2. Sasalu (SLU) 3. Chitradurga (CTA) 4. M/s.Mineral Enterprises Ltd. (MMEC)
Bengaluru	01 Railway & 02 Private	1. Malur (Adani Agri Logistics Limited) 2. Maranayakahalli (Distribution Infrastructure Pvt Limited) 3. Settihalli (SET)

Sl. No.	Divi.	Section	Location	Make	Commission date	FOIS	Rly. / Pvt.	CC TV Installed	Compliance Software Up gradation 2019
1	UBL	NGL-RNJP	BNHT (Bannihatti)	Rice lake	10-10-18	YES	Rly	YES	YES
2	UBL	HPT-BAY	DAJ (Daroji)	Rice lake	16-12-20	YES	Rly	YES	YES
3	UBL	UBL-LD	DWR (Dharwad)	Digital	31-01-19	YES	Rly	YES	YES
4	UBL	HPT-SMLI	TBDM (TB Dam)	Rice lake	08-09-17	YES	Rly	YES	YES
5	UBL	ASK-MYS	HAS (Hassan)	Digital	22-02.16	YES	Rly	YES	YES
6	MYS	JRD-RDG	CTA (Citradurga)	Essae	25.02.22	YES	Rly	YES	YES
7	MYS	HRR-JRU	SLU (Sasalu)	Digital	21-07-17	YES	Rly	YES	YES
8	UBL	JSW Sdg.	JSWT/NY Rd-5 (New EIMWB)	Avery	26-02-21	YES	Pvt	YES	YES
9	UBL	JSW Sdg.	JSWT/NY Rd-6 (New WB)	Avery	08-03-20	YES	Pvt	YES	YES
10	UBL	JSW Sdg.	JSWT SY Rd-2	Avery	08-01-18	YES	Pvt	YES	YES
11	UBL	JSW Sdg.	JSWT SY Rd-8 (New)	Avery	26-02-20	YES	Pvt	YES	YES
12	UBL	HPT-SMLI	BMM (MBIV) VC	Rice lake	13-08-18	YES	Pvt	YES	YES
13	UBL	UBL-HPT	KFIG (Kirloskar) (New)	Essae	24-01-20	YES	Pvt.	YES	YES
14	UBL	MRH Sdg	MRH (Adani) Rd-1	Essae	06-08-14	Yes	Pvt	YES	YES
15	UBL	MRH Sdg	MRH (Adani) Rd-2	Essae	06-08-14	YES	Pvt	YES	YES
16	UBL	MRH Sdg	MRH/VSG (SWPL)	Essae	01-07-15	YES	Pvt	YES	YES
17	MYS	JRU-RDG	MMEC Sdg	Digital	18-08-15	YES	Pvt	YES	YES
18	SBC	SBC-JTJ	MLO(Malur)	Rice lake	26-12-19	YES	Pvt	YES	YES
19	SBC	SBC- SA	MNKH(DLI SIDING)	Essae	26-11-2020	YES	Pvt.	YES	YES
20	SBC	SBC-MYS	SET(Settiahalli)	Essae	14-12-2021	YES	Rly.	YES	YES
21	UBL	GDG-HPT	BNA (Bannikoppa)	Essae	07-07-2022	YES	Rly	NO	YES

22	UBL	VSG-CLR	SVM (Sanverdem)	Essae	29-08-2022	YES	Rly	YES	YES
23	UBL	RNTP-JSW	JSWN (Nandihalli)	Rice lake	29-08-2022	YES	Pvt.	YES	YES
24	UBL	NGL-RNJP	BNHT (Bannihatti) Rd.4	Avery	10.01.2023	YES	Rly	YES	YES
25	UBL	NGL-RNJP	PKL (Papinayakanahli)	Avery	03.02.2023	YES	Rly	YES	YES

43.0 PRIVATE SIDINGS AND PFTs COMMISSIONED

43.1 Private Sidings & PFTs commissioned

i) PFT & Private Sidings commissioned during the year 2019-20:

Sl. No.	Name of Terminal	Serving Station	Type of Terminal (PFT/Siding)	Date of Notification/ Target date
01	M/s Kirloskar Ferrous Industries Limited	Ginigera (GIN)	Siding	07.06.2019
02	M/s Adani Agri Logistics Limited	Malur (MLO)	B/PFT	20.12.2019

ii) PFT & Private Sidings commissioned during the year 2020-21:

Sl. No.	Name of Terminal	Serving Station	Type of Terminal (PFT/Siding)	Date of Notification/ Target date
01	M/s Distribution Logistics Infrastructure Limited	MNKH	G/PFT	12.12.2020

iii) PFT & Private Sidings commissioned during the year 2021-22: Nil

iv) PFT & Private Sidings commissioned during the year 2022-23

- 1 GCT commissioned on 19-07-2022 .
- 1 GCT commissioned on 28-03- 2023.

v) PFT & Private Sidings commissioned during the year 2022-23

1 GCTs targeted for commissioning during the year 2023-24 over SWR.

44.0 TRAINS INTRODUCED

44.1 New Trains in 2019-20

Sl. No.	Train No	Train Name	Date of Introduction
1	17303/17304	Hubballi – Gangavathi - Hubballi Express	06.06.2019
2	20653/20654	KSR Bengaluru – Belagavi – KSR Bengaluru S/F Express	01.11.2019
3	17313/17314	Hubballi – Chennai Central – Hubballi Exp. via Ballari, Guntakal, Renigunta	17.09.2019
4	16595/16596	Yesvantpur – Karwar – Yesvantpur Express	08.03.2020
5	76527/76528	Yesvantpur – Tumkuru – Yesvantpur DEMU Seva Service	30.09.2019
6	56923/56924	Dharwad – Ambewadi – Dharwad Pass.	04.11.2019

44.2 Extensions

Sl. No.	Train No	Train Name	Extended Upto	Date of Extension
1	16515/16516	Kochuveli – KSR Bengaluru - Kochuveli Express	Mysuru	29.09.2019
2	17325/17326	Mysuru – Hubballi – Mysuru Express	Belagavi	01.11.2019
3	56529/56530	Harihar – Kotturu – Harihar Pass.	Hosapete	18.10.2019

44.3 Increase in frequency

Sl. No.	Train No	Train Name	Frequency	Date of Increase in frequency
1	12089/12090	Yesvantpur – Shivamoga Town – Yesvantpur Exp.	From 6 days in a week to daily	15.10.2019
2	66535/66536	KSR Bengaluru – Ramanagaram - KSR Bengaluru MEMU		17.02.2020
3	66541/66542	KSR Bengaluru – Whitefield - KSR Bengaluru MEMU		17.02.2020
4	66543/66544	KSR Bengaluru – Kuppam - KSR Bengaluru MEMU		17.02.2020

44.4 Independent Trains for elimination of Slip coaches shunting:

Sl. No.	Train No	Train Name	Date of Running Independent
1	56519/56520	KSR Bengaluru – Chitradurga - KSR Bengaluru Pass.	17.10.2019
2	56515/56516	Hubballi - KSR Bengaluru – Hubballi Pass.	17.10.2019
3	56909/56910	KSR Bengaluru – Hosapete - KSR Bengaluru Pass.	18.10.2019
4	56917/56918	KSR Bengaluru - Shivamogga Town - KSR Bengaluru Pass.	18.10.2019

Sl. No.	Train No	Train Name	Date of Running Independent
5	56913/56914	KSR Bengaluru – Hubballi - KSR Bengaluru Pass.	18.10.2019
6	56911/56912	KSR Bengaluru – Hubballi - KSR Bengaluru Pass.	18.10.2019

44.5 Diversion: - Nil

44.6 Trains Introduction, Extension, Increase in frequency, independent and Diversion in 2020-21: Nil

44.7 Trains Introduction, Extension, Increase in frequency, independent and Diversion in 2021-22: 1

Sl. No.	Train No	Train Name	Date of Running Independent
1	17321/17322	VSG – JSME Weekly Express	19.11.2021

44.7 Trains Introduction, Extension, Increase in frequency, independent and Diversion in 2022-23: 1

Introduction

Sl	Train No.	From	To	Nature	w.e.f.	Railway
1	06513/06514	TK	ASK	DEMU U/R Exp. Spl.	21.06.2022 UFA	SWR
2	06511/06512	BAND	TK			
3	06515/06516	YPR	SSPN	MEMU U/R Exp. Spl.	21.06.2022 UFA	SWR
4	20657/20658	UBL	NZM	S/F	14.10.2022	SWR
5	20607/20608	MAS	MYS	Vande Bharat	12.11.2022	SR
6	22306/22305	JSME	SMVB	Weekly Exp.	30.09.2022	ER

Extension

Sl	Train No.	From	To	Extension upto	Nature	w.e.f	Railway
1	17323/17324	UBL	BSB	BSBS	Exp	24.06.2022	SWR

Increase in frequency

Train No.	From	To	Nature	Existing frequency	New frequency	w.e.f.
16585/16586	SBC(SMVB)	MAQ	Express	3 days a Week	6 days a week	01.09.2022

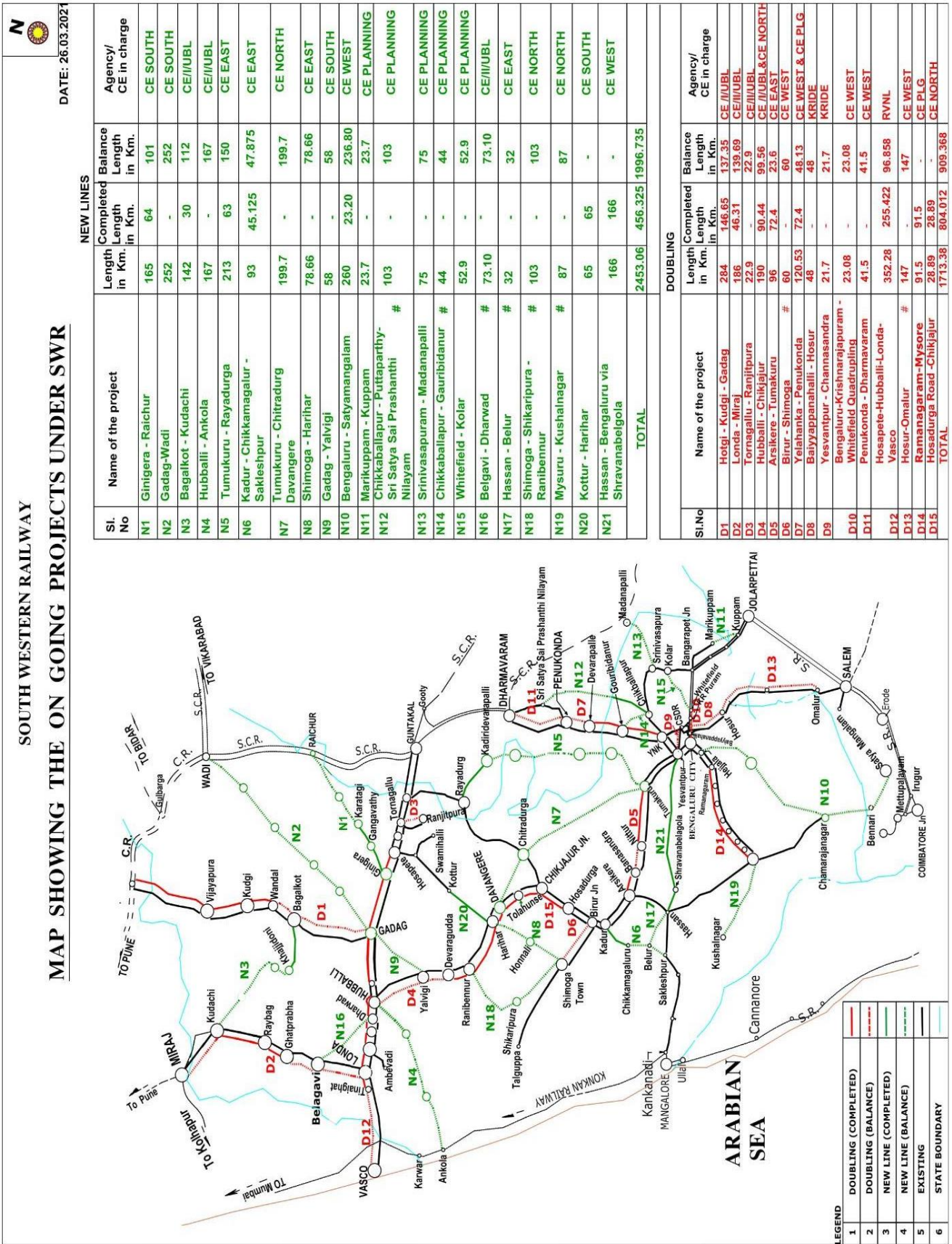
45.0 SPECIAL TRAINS & EXTRA COACHES

Month	Special Trains						No. of Extra Coaches		
	No. of Spls.			Trips					
	2021-22	2022-23	2023-24	2021-22	2022-23	2023-24	2021-22	2022-23	2023-24
April	160	15	30	4036	199	444	264	206	322
May	133	16	36	1662	212	478	123	284	463
June	122	14	-	1916	197	-	216	134	-
July	138	13	-	2434	214	-	398	152	-
August	146	33	-	2594	244	-	407	157	-
September	151	32	-	2645	235	-	445	174	-
October	153	38	-	2769	288	-	561	311	-
November	9	27	-	46	284	-	463	142	-
December	8	25	-	136	303	-	434	208	-
January	16	31	-	231	320	-	360	210	-
February	10	18	-	219	274	-	372	165	-
March	12	34	-	180	359	-	290	192	-
Total	1058	296	66	18868	3129	922	4333	2335	785

45.1 Number of Trains and Rakes converted from ICF in to LHB:

Year	No. of trains	No. of Rakes
2019 - 20	15	20
2020 - 21	4	9
2021 – 22	8	11
2022 – 23	6	10
2023-24 Up to May 23	Nil	Nil

46.0 PROJECTS



46.1 Achievements during last five years

(In Km)					
Details	2019-20	2020-21	2021-22	2022-23	2023-24 (Target)
New Line	--	52	22	33	68.5
Doubling	198	175	197	195.5	103.6
Total	198	227	219	228.5	172.1

46.2 Achievements

46.2 Achievements in 2019-2020

SL	Name of the Projects	Section Commissioned	Length (Km)	DL	Commissioned
1	Arsikere-Tumkuru (96 km)	Gubbi-Tumkuru	18	18	29.05.2019
2	Arsikere-Tumkuru (96 km)	Karadi-Banasandra	11	11	22.02.2020
3	Yelahanka- Penukonda (122.55 km)	Makalidurga-Devarapalli	36	36	05.04.2019
4	Hotgi-Kudgi- Gadag (284 km)	Wandal-Mulvad	27	27	29.05.2019
5	Hotgi-Kudgi- Gadag (284 km)	Mulvad-Jumnal	13	13	12.11.2019
6	Hubli-Chikjajur (190 km)	Davangere-Harihar	13	13	27.11.2019
7	Miraj-Londa (186 km)	Ghataprabha-chikkodi	15	15	11.12.2019
8	Hospet-Hubli- Londa-Vasco-da- gama (352.58 km) (being executed by RVNL)	Alnawar-Devarayi	21	21	29.05.2019
9	Hospet-Hubli-Londa-Vasco-da-gama (352.58 km) (being executed by RVNL)	Hubli by-pass	21	21	06.09.2019
10	Hospet-Hubli-Londa-Vasco-da- gama (352.58 km) (being executed by RVNL)	Binkadakatti-Harlapur	23	23	12.02.2021
Total			198	198	

46.3 Achievements in 2020-2021

SL	Name of the Projects	Section Commissioned	Length (Km)	DL	NL	Remarks
1	Hotgi-Kudgi-Gadag (284 km)	Lachyan-Hotgi	33	33	-	Commissioned on 25.07.2020
2	Munirabad (Ginigera) - Raichur (165 km)	Gangavathi-Karatagi	26	-	26	Commissioned on 31.05.2020
3	Thirud Coaching Terminal at Baiyyappanahalli	Thirud Coaching Terminal at Baiyyappanahalli	24	-	24	Commissioned on 30.06.2020
4	Hospet-Hubli-Londa-Vasco-da-gama (352.58 km) (being executed by RVNL)	Unkal - Dharwad	17	17	-	Commissioned on 18.10.2020
5	Miraj-Londa (186 km)	Chikodi - Raybag	14	14	-	Commissioned on 16.12.2020
6	Hubli-Chikjajur (190 km)	Harihar - Devargudda	31	31	-	Commissioned on 02.01.2021
7	Arsikere-Tumkuru (96 km)	Gubbi - Nittur	9	9	-	Commissioned on 30.01.2021
8	Yelahanka-Penukonda (122.55 km)	Yelahanka - Makalidurga	36	36	-	24.02.2021
9	Hubli-Chikjajur (190 km)	Hubli - Hubli South	4	4	-	Commissioned on 24.02.2021
10	Hospet-Hubli-Londa-Vasco-da-gama (352.58 km) (being executed by RVNL)	Hubli - Unkal along with Hubli yard	3	3	-	Commissioned on 22.02.2021
11	Miraj-Londa (186 km)	Raybag - Kudachi	17	17	-	Commissioned on 28.03.2021
12	Hubli-Chikjajur (190 km)	Tolahunse - Davangere	10	10	-	Commissioned on 17.03.2021
Total			224	174	50	

46.4 Achievements in 2021-2022

SL	Name of the Projects	Targeted Section	Length in Km		REMARKS
			NL	DL	
1	Gadag-Wadi (252Km) (Pragati)	Talkal-Sangnal	22	-	Commissioned on 31-03-2022
2	Hotgi – Kudgi - Gadag (284 kms) (Pragati)	Hombal-Hole Alur	-	36	Commissioned on 27-11-2021
		Gadag-Hobal		16	Commissioned on 23-03-2022
3	Arsikere - Tumkur (96 kms)	Nittur to Banasandra	-	22	Commissioned on 25-02-2022
4	Yelahanka – Penukonda (120 Kms)	Devarapalli- Hindupur	-	10	Commissioned on 15-12-2021
		Hindupur- Penukonda	-	38	Commissioned on 29-03-2022
5	Hubballi - Chikjajur (190 kms)	Yalvigi-Sanushi	-	23	Commissioned on 30-03-2022
		Haveri- Savanur		20	Commissioned on 28-03-2022
		Savanur-Yalvigi		7	Commissioned on 28-03-2022
6	Hospet-Hubli-Londa- Vasco Doubling (RVNL) (Pragati)	Sanvordem- Madagoan	-	15	Commissioned on 10-10-2021
7	Miraj - Londa	Desur - Belaghavi	-	10	Commissioned on 04.05.2022
	Grand Total		22	197	

46.5 Achievements 2022-23

SL	Name of the Projects	Targeted Section	Length in Km		REMARKS
			NL	DL	TDC As on 10.04.2023
1	Londa-Miraj (186 Km)	Desur - Belaghavi	-	10	Commissioned on 04-05-2022
2		Belaghavi - Suldhal	-	27	Commissioned on 28.06.2022
3		Khanapur-Desur	-	16	Commissioned on 28.09.2022
4		Khanapur - Gunji	-	12	Commissioned on 30.11.2022
5		Gunji - Londa	-	13	Commissioned on 26.02.23
6		Suldhal-Ghataprabha	-	30	Commissioned on 10.02.23
10	Hotgi-Kudgi-Gadag (284 Km)	Hole Alur - Badami	-	19	Commissioned on 02.12.2022
11		Badami-Guledagudda	-	13	Commissioned on 15.02.23
13	Hubli - Chikjajur (190 Km)	Hubli South - Saunshi	-	20	Commissioned on 27.03.2023
14		Devargudda - Haveri	-	25	Commissioned on 11.01.2023
15	Baiyyappanhalli-Hosur (48 Km) (Executing by K-RIDE)	Karmelaram - Heelalige	-	10.5	Commissioned on 20.02.2023
19	Rayadurg-Tumkur (207 Km)	Kadiridevarapalli-Doddahalli	20	-	Commissioned on 11.02.2023
20	Gadag-Wadi (257 Km)	Sangnal - Hanmapur	13	-	Commissioned on 31.03.2023
	Grand Total (Commissioned)		33	195.5	228.5

Targeted Works 2023-24

Sections Targeted for Commissioning in 2023-24

SL	Name of the Projects	Targeted Section	Length in Km		REMARKS
			NL	DL	TDC As on 12.06.2023
1	Londa-Miraj (186 Km)	Kudachi - Ugharkhurd	-	6.5	25.07.2023
2		Ugharkhurd - Vijayanagar		18	Commissioned on 09.06.2023
3		Vijayanagar - Miraj(Ex.)	-	5.6	31.07.2023
4	Hotgi-Kudgi-Gadag (284 Km)	Guledagudda - Bagalkot	-	13	Dec-23
5		Bagalkot-Mugalolli	-	8.4	Mar-24
6		Mugalolli-Jadramkunte	-	11.3	Jan-24
7		Jadramkunte-Almatti	-	15.3	Feb-24
8	Baiyyappanhalli-Hosur (48 Km) (Executing by K-RIDE)	Bellandur Road-Karemelaram (IB)	-	3.5	Feb-24
9	Penukonda-Dharmavaram(41.5 Km)	Penukonda-Makkajipalli	-	12	Feb-24
10	Hospet-Tinaighat-Vasco DL (RVNL)	Kalem-Sanvordem	-	10	Mar-24
11	Gadag-Wadi (257 Km)	Hanmapur - Linganbandi	10.7	-	Dec-23
12		Linganbandi-Kushtagi	10.3		Jan-24
13	Munirabad (Ginigera) - Raichur (165 km)	Karatagi - Gorebal	10	-	Aug-23
14		Gorebal - Sindhanur	8	-	Dec-23
14	Bagalkot-Kudachi (142 Km)	Kajjidoni-Lokapur	7	-	Dec-23
15	Kadur-Chikmagalur-Sakleshpur(93 Km)	Chikmangalur-Hadihalli	9	-	Mar-24
16	Tumkur-Chitradurg-Davangere(199 Km)	Urukere-Thimmarajanahalli	13.5	-	Mar-24
	Grand Total (Commissioned)		68.5	103.6	

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