मध्य रेल CENTRAL RAILWAY

प्रणाली मानचित्र SYSTEM MAP

W. E. F. 31st March 2025 Scale :1cm=15 Km.

IMPORTANT STATISTICS OF CENTRAL RAILWAY

DETAILS OF STEEPEST GRADIENT AND SHARPEST CURVATURE

Sr. No.	Division	Discription	In Between Station	Section	Steepest Gradient /sharpest Curvature	Total Length
1	BB	Sharpest Curve	CLA-TKNG	CSMT-PNVL	10°	226 m
2	BB	Steepest Gradient	KYN-LNL	KYN-LNL	1in 37	290 m
3	BSL	Sharpest Curve	PDL-GO	IGP-BSL	3.25°	867 m
4			BD-PLO	BSL-BD	6.0°	15 m
5			BD-AMI	BD-AMI	7.19°	520 m
6			BD-NAVI	BD-NRKR	1.20°	933 m
7			MMR-ANK	PB-MMR	7°	245 m
8			MMR-ANK	MMR-PBN	5°	360 m
9		Steepest Gradient	PDL-AV Dn Rd	BSL-IGP	1in 100	2690 m
10			LT-DVL UP Diversion	BSL-IGP	1in 100	1935 m
11			JM-SEG	BSL-BD	1in 100	160 m
12			NPNR-DGN	BSL-KNW	1in 110	8350 m
13			SHF-DHI	CSN-DHI	1in 125	19220 m
14			MMR-ANK	MMR-ANK	1in 100	5010 m
15			MMR-ANK	MMR-AWB	1in 133	8941 m
16			BD-CNDB	BD-NRKR	1 in 150	1180m
17	NGP	Sharpest Curve	SEGM-CHJC	SEGM-CHJC	7°	497 m
18			NRKR-NGP	NRKR-NGP	8°	219 m
19			TAE-Chord Line	TAE-Chord Line	8.35°	440 m
20		Steepest Gradient	DOH-POX	AMF-ET	1in 175	5.51 m
21			TEO-CCD	NGP-AMF	1in 70	4.70 m
22			CND-MLR	NGP-BD	1in 150	2.80 m
23			WRR-CKNI	BPQ-WR	1in 150	3.60 m
24			PUX-IKR	AMF-PUX	1in 70	0.08 m
25			GGS-TAE	TAE-GGS	1in 200	1.80 m
26			WANI-RAJR	MJRI-RAJR	1in 200	0.90 m
27			URR-BTBR	BTBR-URR	1in 200	1.85 m
28			PMKT-MJRI	MJRI-PMKT	1in 135	2.56 m
29			PCGN-PRGT	PLO-ARVI	1in 100	0.52 m
30			DOH-POX	ET-AMF	1in 60	0.89 m
31			TEO-CCD	AMF-NGP	1in 150	5.90 m
32			CND-MLR	BD-NGP	1in 132	1.90 m
33			HGT-WG	WR-BPQ	1in 135	1.94 m
34			WRR-CKNI	WR-BPQ	1in 140	2.96 m
35			PUX-IKR	PUX-AMF	1in 50	0.54 m
36			GGS-TAE	GGS-TAE	1in 150	0.80 m
37			WANI-RAJR	RAJR-MJRI	1in 146	1.00 m
38			URR-BTBR	URR-BTBR	1in 100	2.45 m
39			PMKT-MJRI	PMKT-MJRI	1in 135	7.15 m
40			PCGN-PRGT	ARVI-PLO	1in 80	0.44 m
41	SUR	Steepest Gradient	WSB-PPJ	DD-SUR	1 in 150	5650 m
42			GUR-HHD	SUR-WD	1 in 100	3650 m
43			PVR-KWV	MRJ-KWV	1 in 100	950 m
44			KWV-PVR	KWV-MRJ	1 in 100	950 m
45			LUR-LTRR	KWV-LTRR	1 in 100	1670 m
46			JH-PPJ	SUR-WD	1 in 145	2060 m
47			SVJ-HHD	SUR-WD	1 in 100	3630 m
48			LTRR-LUR	LTRR-KWV	1 in 100	1670 m
49	PA	Sharpest Curves, Cutting, Black cotton soil.	VPR-SRL	DD-MMR	1 in 100	5480 m
50			VL-NMD	DD-MMR	1 in 100	4800 m
51			DD-MDDG	DD-BRMT	6°	136.407 m
52					6°	127.69 m
53					6°	762 m
54					6°	863.6 m
55					6°	387.44 m
56					6°	532.3 m
57					6°	342.91 m
58			MDDG-SSI		6°	290 m
59					6°	299.75 m
60					6°	400.25 m
61			KFH-BRMT		6°	381 m
62					6°	152.4 m
63					6°	281.52 m
64–67		Steepest Gradient, cutting, single line embankment	GPR-SSV	PA-MRJ	R : 100 F : 100 R : 100 F : 100	2770 m 450 m 750 m 750 m
68–71			SSV-ALN		F : 100 F : 100 R : 100 F : 100	100 m 500 m 500 m 500 m
72–73			ALN-SHIV		R : 100 R : 100 R : 100	6600 m 4650 m 3500 m
74–75			SHIV-ABLE		R : 100 F : 100	550 m 950 m
76–77			ABLE-RJW		R : 100	550 m
78–80			RJW-JJR		R : 100 F : 100 F : 100	1800 m 2250 m 550 m
81–82			JJR-DNJ		R : 100 F : 100	2500 m 2600 m
83			DNJ-WLH		F : 100 F : 100	2650 m 1900 m
84			NIRA-LNN		R : 100	1350 m
85–87			LNN-SLP		R : 100 R : 100 R : 100	350 m 1300 m 300 m
88–92			LNN-SLP		R : 100 R : 100 R : 100 R : 100 R : 100	100 m 250 m 3650 m 100 m 900 m
93–94			SLP-AKI		R : 100 R : 100	2900 m 5800 m
95–96			AKI-WTR		R : 100 F : 100	3000 m 2550 m
97			WTR-PLV		F : 100	1300 m
98–101			PLV-JSV		F : 100 F : 100 F : 100 F : 100	3350 m 300 m 3100 m 1650 m
102–105			JSV-STR		F : 100 F : 100 F : 100 R : 100	250 m 350 m 1900 m 850 m
106–111			STR-KRG		F : 100 R : 100 F : 100 R : 100 R : 100 R : 100	500 m 650 m 1100 m 1450 m 450 m 550 m
112–113			KRG-RMP		F : 100 F : 100	1550 m 750 m
114–118			RMP-TAZ		R : 100 F : 100 F : 100 F : 100 R : 100	400 m 800 m 600 m 1150 m 2650 m
119–125			TAZ-MSR		F : 100 F : 100 R : 100 R : 100 F : 100 F : 100 R : 100 R : 100	1200 m 1050 m 350 m 750 m 300 m 500 m 150 m 150 m
126			MSR-SIW		F : 100	900 m
127–129			SIW-KRD		F : 100 F : 100 F : 100	750 m 650 m 400 m
130–131			KRD-SNE		R : 100 R : 100	400 m 1700 m
132–133			SNE-BVNR		F : 100 F : 100	1000 m 1700 m
134			BVNR-TKR		R : 100	750 m
135–136			ANQ-BVQ		R : 100 R : 100	1000 m 700 m
137			SLI-MRJ		R : 100	600 m
138–139			JSP-HTK		R : 100 R : 100	0.30 m 2.35 m
140			HTK-RKD		R : 100	1.75 m
141			HTK-RKD		R : 100	0.25 m
142			RKD-GRMT		R : 100 R : 100	0.30 m 1.60 m

TRACK/PATCHES HAVING BAD FORMATION DURING MONSOON

SR. NO.	DIVISION	SECTION	BLOCK SECTION	NUMBER OF LOCATION (SL/UP/DN)	LENGTH IN KM	TYPE OF PROBLEM
1	BB	Jasai-Uran	Jasai-Uran	SL	12.1	Weak Formation
2	BSL	IGP-BSL	GO-PI	UP&DN	2	Locations need early attention due to B.C. soil formation
3			PI-AV	UP&DN	2.8	
4			AV-LT	UP&DN	2	
5			AV-LT	UP&DN	2	
6			AV-LT	UP&DN	5.4	
7			DVL-NK	UP&DN	2	Bad foramtion B.C soil patches. Track parameters are detoriated and running is also not satisfactory.
8			NK-OD	UP&DN	1.4	
9			OD-KW	UP&DN	0.3	
10			OD-KW	UP&DN	2	
11			KW-KBSN	UP&DN	0.3	
12			KBSN-NR	UP&DN	3	Br. approach need early attention due to formation problem.
13			NR-UGN	UP&DN	4.2	
14			LS-SUM	UP&DN	7	
15			SUM-MMR	UP&DN	0.8	Br. approach need early attention due to formation problem.
16			PNV-HSL	UP&DN	0.8	
17			NGN-PKE	UP&DN	0.2	
18			RHNE-HPR	UP&DN	0.2	
19			CSN-VGL	UP&DN	6	Due to formation problem
20			PHQ-MYJ	UP&DN	2.6	Track parameters deteriorating rapidly on bridge approach & plain track due to B.C soil.
21			MYJ-MWD	UP&DN	1.6	
22			MWD-SS	UP&DN	0.4	Track parameters.i.e.alignment, cross level deteriorating rapidly due to B.C soil.
23			JL-BDI	UP&DN	0.6	
24			BDI-BSL	UP&DN	0.4	
25		BSL-KNW	DSK-NB	UP&DN	25.94	Bad foramtion B.C soil patches. Track parameters are detoriated and running is also not satisfactory.
26			NB-RV	UP&DN	7	
27			RV-WGA	UP&DN	6	
28			WGA-BAU	UP&DN	10.6	
29			KDK-BMA	UP&DN	1.2	Weak formation, B.C. soil, needs frequent attention.
30			BRGJ-KNW	UP&DN	2.4	
31		BSL-BD	BSL-VNA	UP&DN	4.80	Track parameters.i.e.alignment, cross level deteriorating rapidly due to B.C soil.
32			VNA-ACG	UP&DN	7.40	
33			BDWD-KMKD	UP&DN	7.40	
34			KMKD-MKU	UP&DN	7.40	
35			MKU-WDD	UP&DN	8.20	
36			JM-NN	UP&DN	5.20	
37			NGZ-PS	UP&DN	0.6	Br. approach need early attention due to formation problem.
38			PS-GAO	UP&DN	0.40	
39			GAO-AK	UP&DN	3.60	Weak formation, B.C. soil, needs frequent attention.
40			AK-YAD	UP&DN	2.60	Formation becomes slushy due to which required attention in every 15 days and track becomes bad having longitudinal levels in every 10 m.
41			YAD-BGN	UP&DN	2.00	
42			BGN-KTP	UP&DN	0.4	
43		BD-NRKR	NAVI-WLGN	SL	6.80	Due to formation problem (B.C Soil) track parameters not holds good resulting LL/XL/AL disturbance
44			WLGN-CNDB	SL	9.80	
3	NGP	ET-NGP	BTBR-MGRD	2UP & DN	0.1	Bridge Approches
4			MJY-DHQ	2UP & DN	16	Mud Pumping
5			JKR-AMF	1 UP	0.1	Water over flows from culvrts
6			CCD-GDKP	2UP& DN	2	Rain water flows in to track due to high cutting and no catch water drain is also available.
7			KATL-KLBA	1UP & DN	6	Longitudinal level
8			TNH-KATL	1UP & DN	6	Longitudinal level
9			DDMT-NRKR	1 UP & DN	0.7	Most vulnerable cutting
10		NGP-WR	KRI-AQ	1UP & DN	8	Cross level variation due to longitudinal level formation.
11			KRI-GMG	1UP & DN	2	
12			SNN-TGP	1UP & DN	0.3	Wash out site
13			SNN-TGP	1UP & DN	0.2	Bridge Approches
14		WR-BPQ	WG-HGT	1UP & DN	1.5	IMP Bridge Approaches
15			HGT-YNA	1UP & DN	3	Bridge Approaches
16			YNA-NGI	1UP & DN	2	Bridge Approaches
17		WR-BD	TLN-PLO	1UP & DN	0.7	IMP Bridge Approaches
18	SUR	DD-SUR	DD-BRB	DN	3.0	WF
19		DD-SUR	MLM-BGVN	DN	0.8	WF
20		DD-SUR	BGVN-JNTR	SL	0.5	WF
21		DD-SUR	JNTR-PRWD	SL	1.60	WF
22		DD-SUR	PRWD-WSB	SL	0.8	WF
23		DD-SUR	WSB-PPJ	SL	0.3	WF
24		DD-SUR	MA-WKA	UP	4.0	WF
25		DD-SUR	MKPT-MO	DN	3.0	WF
26		SUR-WD	SUR-TKWD	UP & DN	3.90	WF
27		SUR-WD	TKWD-HG	UP & DN	2.2	WF
28		SUR-WD	HG-TLT	UP & DN	1.1	WF
29		SUR-WD	TLT-AKOR	UP & DN	0.6	WF
30		SUR-WD	AKOR-NGS	DN	0.8	WF
31		SUR-WD	NGS-BOT	DN	0.7	WF
32		SUR-WD	DUD-HQR	SL	14.60	WF
33		SUR-WD	HQR-WD	UP & DN	20.80	WF
34		KWV-LRRR	PJR-UMD	SL	0.1	WF
35		KWV-LRRR	PJR-UMD	SL	0.1	WF
36		KWV-LRRR	LUR-LTRR	SL	3.14	WF
37		KWV-MRJ	ARJ-MRJ	SL	2.20	WF
38	PA	PB-SNSI	PB-SNSI	SL	0.6	WF
39		DD-BRMT	DD-MDDG	1 SL	7.4	Black Cotton Soil
40		PA-MRJ	WLH-JSV	6 SL	17.9	Black Cotton Soil
41		MRJ-KOP	JSV-KOP	9 SL	7.5	Black Cotton Soil

HIGH DENSITY ROUTES

Sr. No.	DIVISION	Sections	Route Kms. From	To	Route Kms.
1	MUMBAI	BB-IGP	0.00	139.00	139.00
2		KYN-LNL	53.21	131.00	77.79
3		PNVL-JNPT	68.13	93.00	24.87
4	BSL	IGP-BD	139.00	665..00	526.00
5	NGP	BD-SEGM	665.00	760.57	95.57
6		ET-NGP	750.00	1042.18	292.18
7		NGP-SEGM	836.80	760.57	76.23
8		SEGM-CHJC	760.57	762.07	1.50
9		CHJC-BPQ	762.07	893.00	130.93
10	SUR	NIL			
11	PA	LNL-DD	131.00	264.50	133.50

DETAILS OF DFC FEEDER ROUTES

Sr. No.	DIVISION	Sections	Route Kms.
1	BB	VDLR-CLA-DW	33.35
2		DW-Kharbao	22.48
3			
4		DW-PNVL	25.668
5		PNVL-ROHA	76.14
6			
7	BSL	NIL	
8	NGP	NIL	
9	SUR	NIL	
10	PA	NIL	

DIVISION WISE DETAILS OF LEVEL CROSSINGS (EXCEPT 'D'CLASS)

Division	Manned	Unmanned B.G.	Unmanned N.G./SDG.	Total
MUMBAI	106	0	24	130
BHUSAVAL	211	0	104	315
NAGPUR	198	0	1	199
PUNE	112	0	0	112
SOLAPUR	86	0	0	86
TOTAL	713	0	129	842

ROUTE WISE DETAILS LEVEL CROSSINGS (EXCEPT 'D'CLASS)

Route	Manned	Unmanned	Total
A	250	0	250
B	96	0	96
C	3	0	3
D	180	0	180
E	133	0	133
NG	43	108	151
SIDING	8	21	29
TOTAL	713	129	842

STATE WISE LEVEL CROSSINGS (EXCEPT 'D' CLASS)

State	Manned	Unmanned	Total
MAHARASHTRA	639	129	768
MADHYA PRADESH	70	0	70
KARNATAKA	4	0	4
TOTAL	713	129	842

SECTIONS NOT CLEARED FOR CC+6+2t trains:

Sr. No.	DIVISION	Sections	Route Kms.
1	BB	NIL	
2	BSL	NIL	
3	NGP	NIL	
4	SUR	DD-WD	340.38
		KLBG-TJSP	12.95
		HG-BJP	2.555
		KWV-LTRR	185.42
		KWV-MRJ	187.22
		PB-SNSI	17.30
5	PA	ANG-AMALNER	99.08

CLASSIFICATION OF BRIDGES

DIVISION	Important	Major	Minor	Total
MUMBAI	08	163	1933	2104
BHUSAVAL	11	133	1703	1847
NAGPUR	17	199	2240	2456
PUNE	15	127	1320	1462
SOLAPUR	16	101	2046	2163
Total	67	723	9242	10032

DETAILS OF LAND AREAS

DIVISION	LAND AREA (IN HECTARE)
MUMBAI	5300.00
BHUSAVAL	7853.06
SOLAPUR	4199.0035
NAGPUR	10536.95
PUNE	4987.67
TOTAL AREA	32876.68

DETAILS OF LONGEST BRIDGES

Sr. No.	DIVN.	Section	Br. No.	Kms.	Span	Type of Bridge
1	BB	PEN-THAL	111/2	111/8-9	7/45.70	T OWG
2	BSL	BSL-BD	555/1	555/22-36	15/18.23	RIVET PG
3	NGP	MJR-RJR	847/1	847/2-8	15/30.48	U/Slung
4	SUR	DD-WD	596/1	596/8-597/3	16/22.86 06/18.28 12/ 09.14	Arch/Rivet PG
5	SUR	KWV-MRJ	425/1	425/6-426/3	25/18.30	Semi TH PG
6	SUR	DD-MMR	272/1	272/2-6	28/15.24	Arch
7	SUR	DD-WD	301/1	301/8.302/0	23x18.30	Girder

DETAILS OF MEGA BRIDGES

Sr. No.	DIVN.	Section	Location	Br. No.	Name of River	Span	Type of girder
1	BB	DW-BSR	51/ 25-52/1	51/2	Ulhas	6x76.2	OWG
2	BB	MNKD-BEPR	24/ 14-26/12	25/1	Thane Creek	35x63.5	PSC girder
3	BSL	BSL-KNW	449/ 03-33	449/1	Tapti	5x41.92+26x 18+1x12.2	OWG/PG

LONGEST TUNNELS

Sr. No.	DIVN.	Section	No. & Name of Tunnel	KM. From	KM. To	Year of Constn.	Length of Tunnel in m.
1	BB	PNVL-KJT	Tunnel No.2 Wavarle	90/5	93/16	2005	2692.00
2	BB	TNA-KYN	Tunnel No.2	36/6	37/1	1916	1316.78
3	BB	KJT-LNL	Tunnel No.49	120/20	123/2	1916	1316.78
4	SUR	KWV-UMD	Tunnel No.2	446/9	448/7	2007	1662

ORIGINATING FREIGHT & PASSENGER FIGURES AND ITS EARNINGS 2023-24

DIVISION	FREIGHT MILLION TONNES	FREIGHT EARNING (in Cr.)	PASSENGER No. OF PASSENGERS (in Millions)	PASSENGER EARNING (in Cr.)
MUMBAI	23.29	2482.82	1439.182	4079.43
BHUSAvAL	5.62	608.67	41.452	830.73
NAGPUR	50.06	5294.53	22.875	714.07
PUNE	3.02	447.64	55.903	1149.73
SOLAPUR	7.26	612.20	23.160	542.65
TOTAL	89.25	9445.86	1582.572	7316.61

ORIGINATING FREIGHT & PASSENGER FIGURES AND ITS EARNINGS 2022-23

DIVISION	FREIGHT MILLION TONNES	FREIGHT REVENUE (in Cr.)	PASSENGER No OF PASSENGERS (in Millions)	PASSENGER REVENUE (in Cr.)
MUMBAI	20.75	2219.40	1346.532	3673.65
BHUSAvAL	6.28	670.65	34.525	706.76
NAGPUR	44.40	4565.10	18.991	624.85
PUNE	3.08	403.12	47.403	971.98
SOLAPUR	7.37	580.58	18.340	447.53
TOTAL	81.88	8438.85	1465.791	6424.77

DETAILS OF NUMBER OF LOCATIONS AND TOTAL LENGTH OF CURVES WHICH ARE EQUAL OR SHARPER THAN 4 DEGREE (BROAD GUAGE)

S.N.	DIV	SECTION	ROUTE	NO. OF LOCATION	Total Length of Curve in Metre
1	BB	CSMT-KYN	A	2	590
2		KYN-IGP	A	53	17590
3		KYN-LNL	B	7	2650
4		DW-ROHA	D	21	8747
5		DW-BSR	D	15	8785
6		CSTM-PNVL	C	47	12989
7		PNVL-JNPT	D	8	3743
8	BSL	BSL-BD	A	1	105
9		PB-MMR	D	1	245
10		MMR-PBN	B	1	360
11		BSL-BD	A	2	125
12	NGP	ET-AMF	A	19	9160
13		AMF-NGP	A	18	7675
14		SEGM-BPQ	A	2	635
15		AMF-CWA	E	14	4900
16		BTBR-URR	SDG.	6	2910
17	SUR	KWV-LTRR	D	8	4007.82
18	PA	PB-SNSI	D	1	600
19		DD-MMR	D	28	8950
20		PA-YD	B	6	1335
21		DD-BRMT	D	32	11422
22		PA-MRJ	D	67	23877
23		MRJ-KOP	D	2	1010

SECTIONS CLEARED FOR CC+8+2t TRAINS

Sr.No.	Division	Route	Route length (Kms)
1	BB	A (IGP-BSL)	136/51-139/0 (2.49 km)
2	BSL	A (IGP-BSL)	139/0-444.12 (305.12 km)
3		A (BSL-BD)	444.12-665/0 (220.88 km)
4		B(BSL-KNW)	444.12-569.25 (125.13 km)
5	NGP	A (BD-WR)	665/0-758.09 (93.09 km)
6		A (WR-NGP)	758.09-836.8 (78.71 km)
7		A (WR-BPQ)	758.09-893/0 (134.91 km)
8		A (ET-NGP)	750/0-1042.18 (584.36 km)
9		D (AMF-PUX) (SL)	874.68-961.28 (86.6 km)
10		D (MJRI-RAJR) (SL)	842.57-863.15 (20.58 km)
11		D (TAE-GGS) (SL)	861.9-876.01 (14.11 km)
12		D (BTBR-URR) (SL)_	809.35-843.06 (33.71 km)
13		A (CHJC-SEGM)	760.57-762.07 (1.5 km)
14		A (GNQ-KAV)	1035.6-1040.38 (4.78 km)
15	PA	B (DD-PA)	191.59-264.5 (72.91 km)
16		B (LNL-PA	131/0-191.59 (60.59 km)
17		D (PA-MRJ-KOP)	191.59-517.74 (326.15 km)
18		D (DD-MMR)	267.18-490.2 (223.02 km)
19	SUR	B (DD-WD)	267.18-604.62 (337.44 km)
20		D (KWV-LTRR)	376.28-561.70 (185.42 km)
21		D (KWV-MRJ)	376.28-564.88 (188.6 km)

TRAFFIC DENSITY (ANNUAL GMT) FOR THE YEAR 2023-24

S. N.	SECTION	GROUP	ROUTE KMS.	UP RD GMT	DN RD. GMT
1	CSMT-Kalyan CSMT-KYN	A	53.21	33.30	33.83
2	Kalyan-Igatpuri KYN-IGP	A	83.33	20.97	22.62
3	Igatpuri-Manmad IGP-MMR	A	124.00	31.86	31.70
4	Manmad-Nandgaon MMR-NGN	A	26.00	46.39	37.45
5	Nandgaon-Jalgaon NGN-JL	A	134.00	41.53	38.83
6	Jalgaon-Bhusaval JL-BSL	A	25.00	65.81	57.20
7	Bhusaval-Badnera BSL-BD	A	219.00	53.08	33.24
8	Badnera-Wardha BD-WR	A	96.00	45.13	32.01
9	Wardha-Ajni(AQ) WR-AJNI	A	75.00	42.15	46.76
10	Ajni-Nagpur AJNI-NGP	A	3.00	39.49	38.11
11	Wardha-Ballarshah WR-BPQ	A	133.00	45.22	32.61
12	Itarsi-Amla ET-AMF	A	130.00	39.44	31.78
13	Amla-Nagpur AMF-NGP	A	168.00	35.36	25.18
14	Bhusaval-Khandwa BSL-KNW	B	124.00	29.18	31.22
15	Kalyan-Lonavala KYN-LNL	B	75.00	31.32	31.57
16	Lonavala-Ghorpuri LNL-GPR	B	65.38	29.33	30.93
17	Ghorpuri-Daund GPR-DD	B	75.85	23.09	20.55
18	Daund-Kurduwadi DD-KWV	B	109.10	17.30	15.53
19	Kurduwadi-Solapur KWV-SUR	B	78.69	16.00	14.28
20	Solapur-Wadi SUR-WADI	B	150.00	23.88	18.30
21	Dombivali Chord Cabin-Vasai Rd DCC-BSR	D	39.93	21.90	18.56
22	Dombivali Chord Cabin-Panvel DCC-PNVL	D	24.06	33.15	29.03
23	Panvel-Pen PNVL-PEN	D	36.00	8.81	16.85
24	Pen-Roha PEN-ROHA	D	40.00	7.53	9.25
25	Ghorpuri-Satara GPR-STR	D	142.87	5.69	9.23
26	Satara-Miraj STR-MRJ	D	133.82	4.95	6.22
27	Miraj-Kolhapur MRJ-KOP	D	47.10	6.49	11.29
28	Daund-Ankai DD-AKI	D	223.02	9.11	8.80
29	Ankai-Manmad AKI-MMR	D	13.59	10.39	9.77
30	Butibori-Umrer BTBR-URR	D	34.00	9.64	3.50
31	Amla-Parasia AMF-PUX	D	87.00	2.35	2.26
32	Parasia-Chindwada PUX-CWA	D	29.00	2.35	2.26
33	Daund-Baramati DD-BRMT	D	43.00	0.81	0.91
34	Panvel-Jasai PNVL-JASAI	D	16.00	14.61	12.20
35	Panvel-Karjat PNVL-KJT	D	28.15	7.32	5.08
36	Chalisgaon-Dhulia CSN-DHI	D	56.00	0.72	0.97
37	Jalamb-Khamgaon JLM-KMN	D	13.00	0.34	0.49
38	Badnera-Amravati BD-AMI	D	10.00	21.99	15.19
39	Majri-Wani MAJ-WANI	D	13.00	3.94	4.17
40	Wani-Rajaur WANI-RJR	D	9.00	0.00	0.00
41	Tadali-Ghugus TAE-GGS	D	14.00	10.83	3.21
42	Wadala-Kurla VDLR-CLA	D	6.10	0.52	0.18
43	Jasai-JNPT	D	9.00	13.31	10.33
44	Wani-Pimpalkutti WANI-PMKT	D	66.50	3.77	3.93
45	Diwa-Turbhe DW-TURBE	D	15.25	1.21	0.34
46	Pen-Thal PEN-THAL	D	28.00	1.41	0.78
47	Kurla-Trombay CLA- TMBY	D	7.15	2.22	2.81
48	Jasai-Uran JASAI-URAN	D	10.50	1.09	0.12
49	Pandharpur-Kurduwadi PVR-KWV	D	52.39	2.76	2.47
50	Miraj-Pandharpur MRJ-PVR	D	137.00	2.37	2.08
51	Kurduwadi-Latur KWV-LUR	D	153.25	4.72	4.93
52	Latur- Latur Road LUR-LURR	D	33.00	4.45	4.89
53	Badnera-Chandurbazar BD-CNDB	D	45.45	4.26	2.41
54	Chandurbazar-Narkher CNDB-NRKR	D	95.43	4.44	2.51
55	Puntamba-Sainagar Shirdi PB-SNSI	D	16.70	1.44	1.44
56	Nandgaon-Ankai NGN-ANK	D	40.00	1.32	0.86
57	Kurla-Thane CLA-TNA	A	17.63	34.64	35.62
58	Thane-Dombivali cabin TNA-DI	A	11.87	34.91	35.68
59	Dombivali cabin-Kalyan DI-KYN	A	9.14	39.32	42.25
60	Godhani- Godhani chord cabin	D	5.69	9.95	6.50
61	Lonand- Phaltan	D	24.17	0.06	0.06
	SUBURBAN SECTION				
1	CSMT Mumbai-Dadar CSMT-DR	C	8.85	8.38	8.36
2	Dadar-Kurla DR-CLA	C	6.54	8.81	8.81
3	Kurla-Ghatkopar CLA-GC	C	3.91	8.67	8.65
4	Ghatkopar-Thane GC-TNA	C	13.72	8.58	8.65
5	Thane-Dombivali TNA-DI	C	15.04	7.22	7.25
6	Dombivali-Kalyan DI-KYN	C	5.15	6.73	6.75
7	Kalyan-Ambernath KYN-ABH	C	6.62	2.45	2.45
8	Ambernath-Badlapur ABH-BUD	C	7.43	1.59	1.59
9	Badlapur-Karjat BUD-KJT	C	32.46	0.91	0.91
10	Karjat-Khopoli KJT-KHPI	C	14.53	0.39	0.39
11	Kalyan-Titwala KYN-TLA	C	10.84	1.70	1.70
12	Titwala-Asangaon TLA-ASO	C	21.38	0.84	0.84
13	Asangaon-Kasara ASO-KSRA	C	35.13	0.41	0.41
	HARBOUR LINE				
1	CSMT-Wadala Rd. CSMT-VDLR	C	9.11	5.91	5.91
2	Wadala Rd.-Kurla VDLR-CLA	C	6.10	4.85	4.85
3	Wadala Rd.-Bandra VDLR-BA	C	5.66	2.24	2.24
4	Kurla-Chembur CLA-CMBR	C	6.50	4.85	4.85
5	Chembur-Mankhurd CMBR-MMKD	C	3.77	4.82	4.82
6	Mankhurd-Vashi MMKD-VASHI	C	7.51	4.78	4.78
7	Vashi-Belapur VASHI-BR	C	9.33	4.85	4.85
8	Belapur-Panvel BR-PNVL	C	12.71	3.92	3.94
9	Thane-TurbheTNA-TUH	C	15.31	2.97	2.97
10	Turbhe-Vashi TNA-TUH-VSH	C	3.20	2.33	1.56
11	Turbhe-Nerul TUH-NEU	C	4.66	1.61	1.61
12	Nerul-Kille NEU-KILE	C	2.69	0.23	0.23
13	Belapur-Kille BR-KILE	C	1.06	0.23	0.23
14	Kille-Kharkopar KILE-KARP	C	6.18	0.45	0.45
15	Bandra-Andheri	C	7.75	1.25	1.25
16	Andheri-Goregaon	C	5.07	0.54	0.54
	NARROW GUAGE				
1	Neral-Matheran NRL-MAE	N.G.	21.00	0.13	0.13
2	Pachora-Jamnagar PC-JMNR	N.G.	56.00	0.03	0.03
3	Murtizapur-Achalpur MZR-ELP	N.G.	77.00	0.01	0.01
4	Murtizapur-Yavatmal MZR-YTL	N.G.	113.00	0.01	0.01
5	Pulgaon-Arvi PLO-ARVI (Closed for passenger traffic since 31.07.2008.)	N.G.	35.00	0.00	0.00

GMT PROFILE

DIVISION	BB	BSL	NGP	SUR	PA	Total RKMs
>80GMT	0	0	0	0	0	0
50-80 GMT	106.42	24.13	252.5	0	0	383.05
40-50 GMT	188.60	380.69	803.3	0	0	1372.59
<40GMT	0	244.43	0	728.5	0	972.96

LEGEND

- QUADRUPLE LINE BROAD GAUGE1676 mm (5'-6")
- DOUBLE LINE (B. G.)
- SINGLE LINE (B. G.)
- NARROW GAUGE LINE 762 mm (2'-6") & 610 mm (2'-0")
- BOUNDARY OF DISTRICT
- DISTRICT HEAD QUARTERS — PUNE
- NATIONAL HIGHWAY
- BROAD GAUGE ELECTRIFIED LINE
- NEW LINES IN PROGRESS
- DOUBLING IN PROGRESS
- DIVISIONAL BORDER
- TOURIST PLACES
- RIVER
- OTHER RAILWAY
- PROPOSED 3rd & 4th LINE
- 3rd LINE UNDER CONSTRUCTION
- 4th LINE UNDER CONSTRUCTION
- 5th & 6th LINE UNDER CONSTRUCTION
- **DPR SANCTIONED & FIELD SURVEY LINES**
- HALT STATION
- ACCIDENT RELIEF TRAIN
- ACCIDENT RELIEF MEDICAL EQUIPMENT

ROUTE KILOMETRES (RKM)

GROUP	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
GROUP 'A'	1262.79	---------	---------	1262.79
GROUP 'B'	697.10	---------	---------	697.10
GROUP 'C'	112.75	---------	---------	112.75
GROUP 'D'	1981.93	---------	---------	1981.93
NARROW GAUGE	-----------	278.32	20.29	298.61
TOTAL KMS.	4054.57	278.32	20.29	4353.18

RUNNING TRACK KILOMETRES

GROUP	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
GROUP 'A'	3083.40	---------	---------	3083.40
GROUP 'B'	1403.97	---------	---------	1403.97
GROUP 'C'	320.24	---------	---------	320.24
GROUP 'D'	2617.18	---------	---------	2617.18
NARROW GAUGE	--------	278.32	20.29	298.61
TOTAL KMS.	7424.79	278.32	20.29	7723.40

STATE WISE RUNNING TRACK KILOMETERS

STATE	COLOUR	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
MADHYA PRADESH		719.73	---------	---------	719.73
MAHARASHTRA		6521.35	278.32	20.29	6819.96
KARNATAKA		183.71	---------	---------	183.71
TOTAL KMS.		7424.79	278.32	20.29	7723.40

STATE WISE ROUTE KILOMETRES

STATE	COLOUR	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
MADHYA PRADESH		394.42	---------	---------	394.42
MAHARASHTRA		3558.88	278.32	20.29	3857.49
KARNATAKA		101.27	---------	---------	101.27
TOTAL KMS.		4054.57	278.32	20.29	4353.18

STATE WISE TOTAL TRACK KILOMETRES

STATE	COLOUR	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
MADHYA PRADESH		954.27	---------	---------	954.27
MAHARASHTRA		8450.30	289.56	22.65	8762.51
KARNATAKA		252.20	---------	---------	252.20
TOTAL KMS.		9656.77	289.56	22.65	9968.98

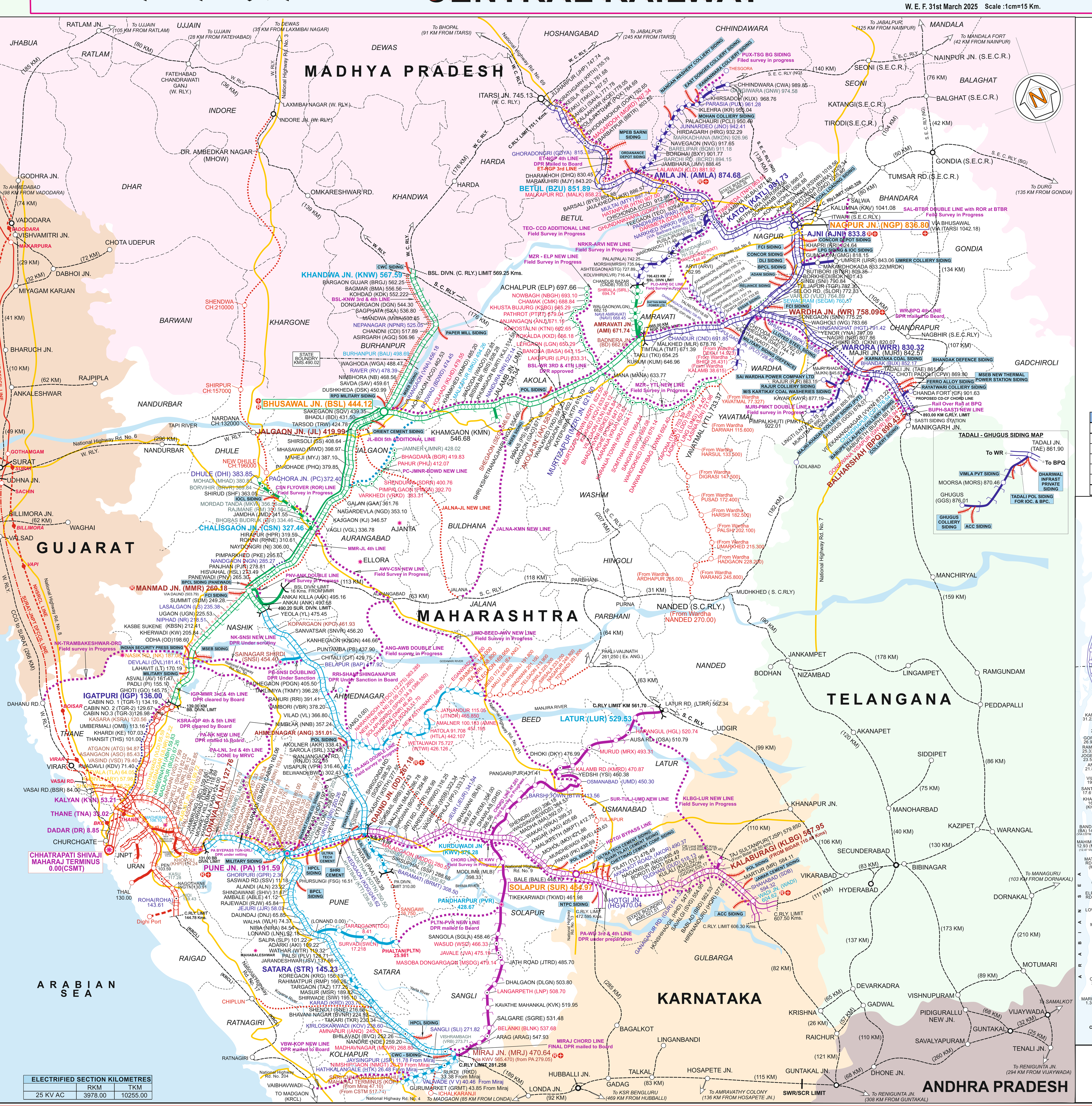
DIVISION WISE ROUTE KILOMETRES

DIVISION	COLOUR	B. G. 1.676 m	N. G. 0.762 m	N. G. 0.610 m	TOTAL
MUMBAI		568.58	--------	20.29	588.87
BHUSAVAL		808.49	243.90	--------	1052.39
NAGPUR		1000.22	34.42	--------	1034.64
PUNE		948.75	-------	--------	948.75
SOLAPUR		728.53	-------	--------	728.53
TOTAL KMS.		4057.57	278.32	20.29	4353.18

SECTIONS GROUP WISE

GROUP	SECTIONS	KMS.
GROUP - A	CSMT-Kalyan	53.21
	Kalyan -Igatpuri	85.79
	Igatpuri(From BB Div Limit)-Manmad	122.70
	Manmad-Bhusawal	182.42
	Bhusawala- Badnera (Upto BSL Div Limit)	220.34
	Badnera(From BSL Div Limit)-Nagpur	172.00
	Wardha-Balharshah(Upto CR limit)	134.91
	Itarsi(Upto CR Limit)-Nagpur	291.42
	Total	1262.79
GROUP - B	Kalyan-Lonavala(Upto BB Limit)	77.79
	Lonavala(From BB Div Limit)-Pune	60.56
	Pune-Daund(Upto PA Div Limit)	78.44
	Daund(From PA Div Limit)-Solapur	184.97
	Solapur-Wadi	151.32
	Bhusawal-Khandwa(Upto CR Limit)	125.14
	Wadi-Secunderabad	2.88
	Manmad-Aurangabad Line(Upto CR Limit)	16.00
	Total	697.10
GROUP - C	CSMT-Kalyan	53.21*
	CSMT-Panvel	48.94
	Track towards Mahim	3.00
	Thane-Vashi	18.51
	Turbhe-Nerul	4.66
	Nerul-Kharkopar	8.87
	Belapur-Kile	2.06
	Kharkopar-Uran	14.60
GROUP - D	Pune-Miraj(Upto CR Limit)	279.05
	Miraj-Kolhapur	47.10
	Diva-Panvel	25.67
	Panvel-Apta-Pen-Roha(Upto CR Limit)	76.65
	Diva-Vasai	38.81
	Daund-Manmad (Upto PA Div limit)	223.02
	Daund-Manmad (PA Div limit to MMR)	13.59
	Daund-Manmad-Pune Chord line	1.29
	Kurla-Trombay	7.15
	Panvel-Uran	26.31
	Pen-Thal	26.40
	Panvel-Karjat	28.15
	Chalisgaon-Dhule	56.39
	Hotgi-Bijapur	2.56
	Jalamb-Khamgaon	12.34
	Badnera-Amravati	9.09
	Jasai-JNPT	9.00
	New Amravati-Narkher	136.25
	Amla-Parasia-Chhindwada	115.17
	Butibori-Umrer	33.71
	Tadali-Ghugus	13.94
	Majri-Rajur	20.58
	Jalgaon-Surat	1.06
	Nagpur - Howrah	0.00
	Wani-Pimpalkhuti	66.22
	Manmad-Aurangabad Line(Upto CR Limit)	16*
	Godhani Chord Line	4.78
	Daund-Baramati	42.70
	Chandafort-Balharshah	9.48
	Kurduwadi-Latur Rd.	185.42
	Kurduwadi-Pandharpur	52.39
	Puntamba-Sainagar Shirdi	16.70
	Pandharpur-Miraj	136.21
	Lonand-Phaltan	25.98
	Ahmadnagar-Narayandoho-Solapurwadi	35.54
	Kalaburgi-Tajsultanpur	11.90
	CR Limit- Tajsultanpur	1.05
	Solapurwadi-Ashti	30.65
	Ashti-Amalner	33.92
	Wardha-Kalamb	38.62
	TOTAL ROUTE Kms. (B.G.)	4353.18

Note:
1. CSTM-KYN (Kms.53.21★) Shown in Group 'C' has not been consider while calculating Total Route Kms.(RKMS)
2. Pulgaon-Arvi section(NG)has been closed for passenger traffic since 31.07.2008.



ELECTRIFIED SECTION KILOMETRES

	RKM	TKM
25 KV AC	3978.00	10255.00

STATEMENT SHOWING CATEGORY WISE NO. OF WORKING STATIONS EXCLUDING CLOSED NARROW GAUGE LINE STATIONS

Category - Color	MUMBAI	BHUSAWAL	NAGPUR	PUNE	SOLAPUR	TOTAL
NSG-1	6	0	0	1	0	7
NSG-2	0	2	1	0	1	4
NSG-3	1	6	2	6	1	16
NSG-4	3	4	3	0	4	14
NSG-5	2	12	16	12	8	50
NSG-6	11	53	54	47	43	208
SG-1	12	0	0	0	0	12
SG-2	37	0	0	0	0	37
SG-3	30	0	0	14	0	44
HG-1	0	0	0	0	0	0
HG-2	6	5	7	7	0	25
HG-3	5	4	9	16	8	42
TOTAL	113	86	92	103	65	459

LOCATION OF ELECTRIC's LOCO SHED

1. Kalyan-AC Electric Loco shed - Mumbai division
2. Bhusawal-AC Electric Loco shed - Bhusawal Division
3. Ajni- AC Electric Loco Shed - Nagpur Division.
4. MELPL- Madhepura Electric Locomotive Pvt ltd, Ajni - Nagpur Division
5. Daund - Electric Loco Shed - Pune Division

LOCATION OF DIESEL LOCO SHED

1. CLA- Diesel Loco Shed, Kurla In Mumbai Divn.
2. KYN- Diesel Loco Shed, Kalyan In Mumbai Divn.
3. PA-diesel Loco Shed, Pune in Pune Divn.

LOCATION OF EMU CAR SHED

EMU Car shed at Kurla, Kalve & Sanpada in Mumbai Division.

STATEMENT SHOWING LOCATIONWISE AVAILABILITY OF ART/ARMV/SPARMV/Road ART/TOOL VAN IN CENTRAL RAILWAY

Divn.	Location	ART Class	ARMV	SPARMV	Tool Van	Road Art	Controlling Officer	Latitude & Longitude
BB	CLA	A	—	—	—	Available	ADME (D)/CLA	19.0600°N, 72.8900°E
	KYN	B*	—	Available*	—	Available	*Sr DEE (TRS) / KYN *Sr DME (Fr&OP) / BB	19.2403°N, 73.1305°E
	IGP	B	Available	—	—	—		19.6973°N, 73.5609°E
	PNVL	—	—	Available (2 Coach)	—	Available		18.9894°N, 73.1175°E
	CSMT	—	—	—	—	Available		18.9398°N, 72.8354°E
	LNL	—	—	—	Available	—		18.7546°N, 73.4062°E
BSL	BSL	A	—	Available	—	—	Sr. DME/BSL	21.0455°N, 75.8011°E
	MMR	A	—	—	—	—		20.2512°N, 74.4366°E
	BD	—	—	—	—	Available		20.8636°N, 77.7351°E
NGP	NGP	—	Available	—	—	—	Sr. DME/NGP	21.1458°N, 79.0882°E
	AQ	A	—	—	—	Available		21.1183°N, 79.0843°E
	AMF	B	—	Available	—	—		21.9283°N, 78.1308°E
	WR	B	—	Available	—	—		20.7453°N, 78.6022°E
PA	PA	—	—	Available	Available	—	Sr. DME/PA	18.5204°N, 73.8567°E
	MRJ	A	Available	—	—	—		16.8165°N, 74.6022°E
SUR	SUR	—	—	Available	—	Available	Sr. DME/SUR	17.6599°N, 75.9064°E
	DD	A	Available	—	—	—		18.4593°N, 74.5873°E
	WD	A	Available	—	—	—		17.0624°N, 76.9816°E

SUMMARY

No. of ARTs	
A Class	7
B Class	4
Total	11

No. of ARMV/SPARMVs	
ARME	5
SPARMV	7
Total	12

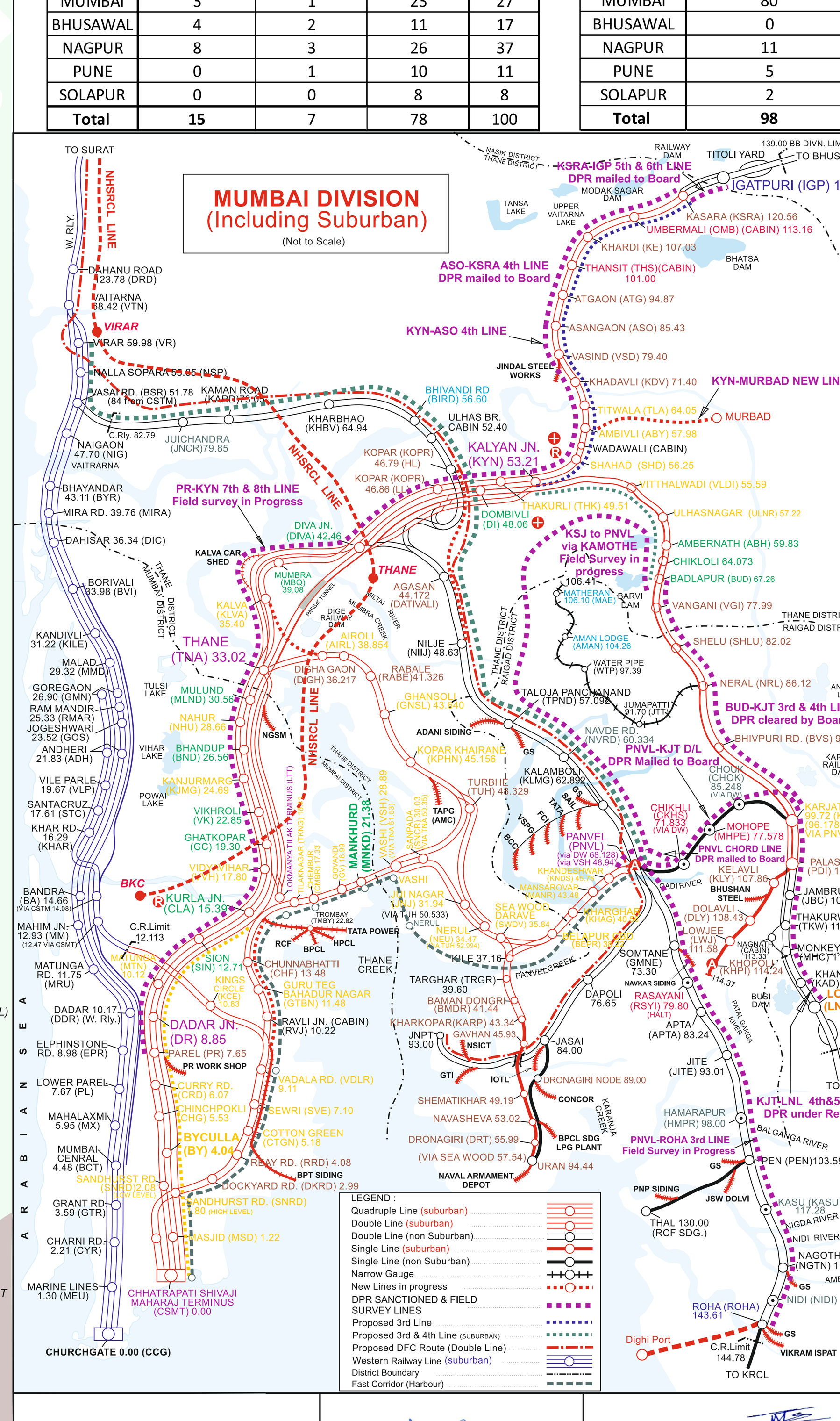
No. of Tool Vans/Road ARTs	
Tool Van	2
Road ART	7
Total	9

SIDINGS

Division	Assisted Siding	Military Siding	Private Siding	Total
MUMBAI	3	1	23	27
BHUSAWAL	4	2	11	17
NAGPUR	8	3	26	37
PUNE	0	1	10	11
SOLAPUR	0	0	8	8
Total	15	7	78	100

TUNNELS

Division	Number of Tunnels
MUMBAI	80
BHUSAWAL	0
NAGPUR	11
PUNE	5
SOLAPUR	2
Total	98



(RAJKUMAR WANKHEDE)
Chief Planning & Design Engineer
Central Railway, Mumbai CSMT

(SANJAY TYAGI)
Dy. Chief Engineer/Planning
Central Railway, Mumbai CSMT

Compiled & Drawn By : TEJAS KULYE, SSE/YARD
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File no.: G.445/WP/1/SM/XXVIII/2025