पश्चिम रेलवे
WESTERN RAILWAY
प्रणाली मानचित्र
SYSTEM MAP

BASED ON STATEMENT NO. 8 & 9
AS ON 31-03-2021
(NOT TO SCALE)

GROUPWISE ROUTE / RUNNING TRACK KILOMETRES

ROUTE KM.				GROUPS	RUNNING TRACK KM.			
BG 1.676m	MG 1.000m	NG 0.762m	TOTAL		BG 1.676m	MG 1.000m	NG 0.762m	TOTAL
693.72	-	-	693.72	A	1415.27	-	-	1415.27
232.77	-	-	232.77	B	373.30	-	-	373.30
★ 5.01	-	-	5.01	C	157.72	-	-	157.72
1711.69	-	-	1711.69	D (Spl.)	2727.21	-	-	2727.21
845.52	-	-	845.52	D	873.63	-	-	873.63
1528.72	-	-	1528.72	E	1548.865	-	-	1548.865
-	231.94	-	231.94	Q	-	231.94	-	231.94
-	750.40	-	750.40	S	-	750.40	-	750.40
-	-	542.61	542.61	NG	-	-	542.61	542.61
5017.42	**982.34**	**542.61**	**6542.37**	**TOTAL**	**7095.99**	**982.34**	**542.61**	**8620.94**

★ 55.16 Km. from Mumbai Central to Virar is having both 'A' & 'C' route.

DIVISIONWISE ROUTE / RUNNING TRACK KILOMETRES

BG 1.676m	MG 1.000m	NG 0.762m	TOTAL	DIVISION	BG 1.676m	MG 1.000m	NG 0.762m	TOTAL
576.29	-	62.43	638.71	MUMBAI	1320.79	-	62.43	1383.21
909.21	-	480.18	1389.39	VADODARA	1198.04	-	480.18	1678.48
1007.87	66.64	-	1074.51	RATLAM	1524.53	66.64	-	1591.17
1170.27	344.81	-	1515.07	AHMADABAD	1622.38	344.81	-	1967.19
593.65	-	-	593.65	RAJKOT	669.85	-	-	669.85
760.15	570.89	-	1331.04	BHAVNAGAR	760.15	570.89	-	1331.04
5017.42	**982.34**	**542.61**	**6542.37**	**TOTAL**	**7095.99**	**982.34**	**542.61**	**8620.94**

STATEWISE ROUTE / RUNNING TRACK KILOMETRES

BG1.676m.	MG 1.000m.	NG 0.762m.	TOTAL	STATE	BG1.676m.	MG 1.000m.	NG 0.762m.	TOTAL
352.34	-	-	352.34	MAHARASHTRA	876.90	-	-	876.90
3718.41	915.70	542.61	5176.71	GUJARAT	4849.74	915.70	542.61	6308.05
893.23	66.64	-	959.87	MADHYAPRADESH	1279.33	66.64	-	1345.97
53.45	-	-	53.45	RAJASTHAN	90.02	-	-	90.02
5017.42	**982.34**	**542.61**	**6542.37**	**TOTAL**	**7095.99**	**982.34**	**542.61**	**8620.94**

ELECTRIFIED AND NON ELECTRIFIED ROUTE KM

ITEM	BG	MG	NG
ELECTRIFIED	3126.23	-	-
NON ELECTRIFIED	1891.19	982.34	542.61
TOTAL	**5017.42**	**982.34**	**542.61**

GAUGEWISE, GROUPWISE AND SECTIONWISE ROUTE KILOMETRES

BROAD GAUGE

GROUP	SECTION	Km.
A	MUMBAI CENTRAL - NAGDA	693.720
	TOTAL	**693.720**
B	VADODARA - PALANPUR	232.769
	TOTAL	**232.769**
C	CCG - BCT incl. WADALA SIDE	★ 5.010
	TOTAL	**5.010**
D (Spl.)	UDHNA - JALGAON	301.470
	NAGDA - UJJAIN - BHOPAL	226.15
	AHMEDABAD - VIRAMGAM	65.287
	VIRAMGAM - HAPA - OKHA	433.808
	VIRAMGAM - MALIYA MIYANA	142.103
	MALIYA MIYANA - SAMAKHIALI	40.180
	CHANDERIYA - RATLAM	196.300
	PALANPUR-SAMAKHIALI-GANDHIDHAM	300.71
	DWHS-RTM VIA Q-TRACK	5.680
	TOTAL	**1711.688**
D	BHESTAN-NIYOL (UDN BY PASS)	4.000
	VASAI ROAD-DIVA	1.417
	MANDLGARH-CHANDERIYA(KOTA END)	4.090
	DET-CHANDERIYA(AJMER END)	2.660
	BERACH-MAVLI(UDAIPUR END)	1.2
	CNA-BY PASS	1.401
	UJJAIN-INDORE	79.230
	RATLAM-DADN(MHOW)	140.110
	SANAVAD-KHANDWA BYPASS CABIN	48.805
	RAU-TIH(RAU-DAHOD)	8.9
	KHANDWA CABIN-MATHELA(KHNDWA BP)	8.4
	KALOL-GANDHINAGAR	20.495
	WADHWAN CITY BYPASS(SUNNR BYPASS)	1.00
	KANAULAS ENTRY(KANAULUS BYPASS)	0.739
	PIPLEE BYPASS(SNLS N CABIN-WS)	0.940
	KANAULUS-WANSJALIYA-PORBANDAR	104.114
	RAJKOT-JETALSAR-JUNAGADH	103.010
	SURENDRANAGAR-BOTAD-DHOLA	120.700
	DHOLA-BHAVNAGAR	48.310
	DHOLA-RAJULA-PIPAVAV BUNDAR	145.800
	TOTAL	**845.321**

GROUP	SECTION	Km.
E	ANAND - GODHRA	78.060
	ANAND - KHAMBHAT	52.00
	VASAD - KATHANA	43.00
	KANJARI BORIYAVI-VADTAL(temp closed)	6.7
	NADIAD - MODASA	105.335
	VISHVAMITRI - CHOTA UDEPUR	102.320
	CHOTA UDEPUR-DHAR	59.080
	BAJVA BY PASS	1.120
	BHARUCH - SAMNI - DAHEJ	62.270
	ANKLESHWAR - RAJPIPLA	63.412
	DABHOI-CHANDOD-KEVADIYA	50.560
	MAKSI - DEWAS	36.040
	FATEHABAD-UJJAIN	21.540
	BIJND - KHARACHHODA	23.400
	CHANDLODIYA - GANDHINAGAR CAP.	22.610
	GANDHIDHAM - NEW BHUJ	57.900
	MEHSANA - VIRAMGAM	64.815
	MEHSANA - PATAN-BHILDI	91.000
	GANDHIDHAM - KANDLA PORT	11.870
	NEWBHUJ-NALIYA	29.551
	HIMMATNAGAR-AHMEDABAD	87.062
	UDAIPUR ENTRY	1.009
	BHILDI-SAMDHARI	1.720
	MEHSANA - VADNAGAR-VARETHA	55.210
	DAHINSARA - MALIYA MIYANA	24.900
	SURENDRANAGAR - DHRANGADHRA	34.480
	JAMNAGAR - WIND MILL	3.037
	KANAULUS-SIKA	16.212
	MORBI BY PASS	0.746
	WANKANER - DAHINSARA-NAVLAKHI	73.696
	JETALSAR-WANSJALIYA	91.040
	JUNAGADH - SOMNATH	86.590
	SIHOR - PALITANA	27.780
	BHAVNAGAR-BHAVNAGAR JETTY	11.542
	RAJULA-MAHUVA	31.109
	TOTAL	**1528.716**
	TOTAL BG	**5017.424**

★ 55.16 Km.from Mumbai Central to Virar is having both'A' & 'C'route.

METRE GAUGE

Q	DADN(MHOW) - SANAWAD	62.215	S	ADRAJ MOTI-VIJAPUR	39.750
	KHANDWA BYPASS CABIN-KHANDWA	4.427		VIJAPUR AMBALIYASAN	41.530
	SABARMATI - BOTAD	165.300		NEW BHUJ-NALIYA	71.859
	TOTAL	**231.942**		DHASA - JETALSAR	104.440
S	MEHESNA-KALOL	24.500		PRACHI ROAD-KODINAR(TEMP CLOSED)	25.900
	SABARMATI-AHMEDABAD	7.314		TALALA-DELWADA	70.690
	HIMMATNAGAR-KHEDBRAHMA	55.600		KHIJADIYA AMRELI	16.640
	VARETHA-TARANGA HILL	1.38		AMRELI PARA-VERAVAL	146.860
	KALOL-KATOSAN ROAD	37.230		JUNAGADH-VISAVDAR	41.800
	KATOSAN ROAD-CHANASMA	51.720			
	CHANASMA-RANUJ	13.184		**TOTAL**	**750.397**
				TOTAL MG	**982.339**

NARROW GAUGE

	BILIMORA - WAGHAI	62.425	SAMLAYA-TIMBA ROAD
	KOSAMBA-UMARPAD	62.235	MIYAGAM KARJAN - DABHOI
	SAMNI-JAMBUSAR-KAVI	50.440	
	JAGHADIYA-METRANG	27.400	NADIAD - PETLAD
	CHORANDA-MOTIKPRAL	18.715	PETLAD-BHARDAN
	VISHWAMITRI-PRATAPNAGAR	3.760	MIYAGAM KARJAN-CHORANDA
	VISHWAMITRI-JAMBUSAR	48.780	CHORANDA-MALSAR
	DABHOI-SAMALIYA	46.960	CHHUCHHAPURA - TANKHALA
	*Section in Green-Section are Closed		**TOTAL**

62.425	SAMLAYA-TIMBA ROAD	53.600
62.235	MIYAGAM KARJAN - DABHOI	32.140
50.440		
27.400	NADIAD - PETLAD	37.260
18.715	PETLAD-BHARDAN	22.575
3.760	MIYAGAM KARJAN-CHORANDA	8.900
48.780	CHORANDA-MALSAR	29.216
46.960	CHHUCHHAPURA - TANKHALA	38.200
TOTAL		**542.606**

*Section in Red-Closed for GC

LEGEND

★	BROAD GAUGE	★	ELECTRIFIED SECTION
★	METRE GAUGE	★	DIVISIONAL BORDER
★	NARROW GAUGE	★	STATE CAPITAL
★	FOREIGN RAILWAY	★	RIVERS
★	DOUBLE LINE	★	NATIONAL HIGHWAY
★	QUADRUPLE LINE	★	HOLIDAY HOMES
★	NEW LINE UNDER CONSTRUCTION	★	TOURIST PLACE
★	CONVERSION M.G.INTO B.G.	★	DFC RAILWAY LINE
★	GMT MORE THAN 50	★	DFC - CS. (K-NG. STN.)
★	DIVISIONAL HEAD QUARTER	★	DFC - JS. (JUNCTION - STN.)
★	HEAD QUARTER OFFICE	★	DIESEL LOCO SHED
★	ADEN HEAD OFFICE	★	ELECTRIC LOCO SHED
★	ADARSH STATION	★	NSG-1 STATION
★	HALT STATION	★	NSG-2 STATION
★	ARTISPSARTG AND ARMVU SPARMVs	★	NSG-3 STATION
★	BD CRANE 140T DIESEL		

FEEDER ROUTES TO DFCCIL ON WESTERN RAILWAY

Sr. No.	Route	Route Km.	Track Km.
1	Pipavav - Surendra Nagar - Viramgam - Mehsana	402.50	467.76
2	Kandla Port - Gandhidham - Palanpur	312.49	377.25
3	Mudra Port - Adipur - Gandhidham	66.00	132.00
4	Viramgam - Samakhiali	182.20	242.75
5	Bharuch - Samani - Dahej	62.36	62.36
6	Hazira - Surat (Proposed New Line)	40.00	40.00

SECTION NOT APPROVED FOR CC+8+2I LOADING.

Div	Section	Length	Remarks
BRC	Kanjari Boriyavi-Vadtal	6.50	
	Vishvamitri-Chottaudepur	102.44	
	Vasad-Kathana	43.03	
	Anand-Khambat	52.50	
	Ankleshwar-Rajpipla	62.80	
BVP	Sihor-Palitana	27.62	

HIGH DENSITY NETWORK (HDN) ROUTES.

ROUTE	ROUTE (KM)
1.Mumbai Central - Nagda	693.72
2.Surat-Jalgaon	301.47
3.Ajmer-Chittorgarh	10.51
4.Gandhidham-Bhidi-Palanpur	300.71
5.Bhidi-Samdhari	1.72
TOTAL	1308.13

ROUTES ON WHICH DOUBLE STACK CONTAINER TRAINS ARE RUNNING.

SECTION	LENGTH (KM)
1.Palanpur-Gandhidham-Kandla port	312.49
2.Gandhidham-Adipur	8.96
3.Palanpur-Mehsana-Viramgam-Surendranagar	195.01
4.Viramgam-Sanand	36.89

RUNNING TRACK KMS ON THE BASIS OF GMT.

DIVISION	BCT	BRC	RTM	ADI	RJT	BVP	TOTAL
More than 80 GMT	NIL	NIL	NIL	NIL	NIL	NIL	NIL
More than 40 GMT	523.1	437.38	453.24	874.96	NIL	NIL	2288.68
More than 20 GMT	820.7	657.80	576.99	1311.83	289.21	NIL	3656.53

PARAMJEET SINGH CE (PLANNING) CCG	PARAMJEET SINGH	CHECKED BY	MAHENDRA KUMAR GUPTA
ASHOK KUMAR SINGH DY.CE (PLANNING) CCG	ASHOK KUMAR SINGH	DRAWN BY	SWATI MAHAJAN

Mahendra Kumar Gupta — Digitally signed by Mahendra Kumar Gupta Date: 2021.05.18 13:25:01 +05'30'

SWATI VIKRAM MAHAJAN — Digitally signed by SWATI VIKRAM MAHAJAN Date: 2021.05.18 12:42:12 +05'30'

CE'S FILE NO. W 162/30 VOL.XVI — **PCE 28719 - HQ 2021**

