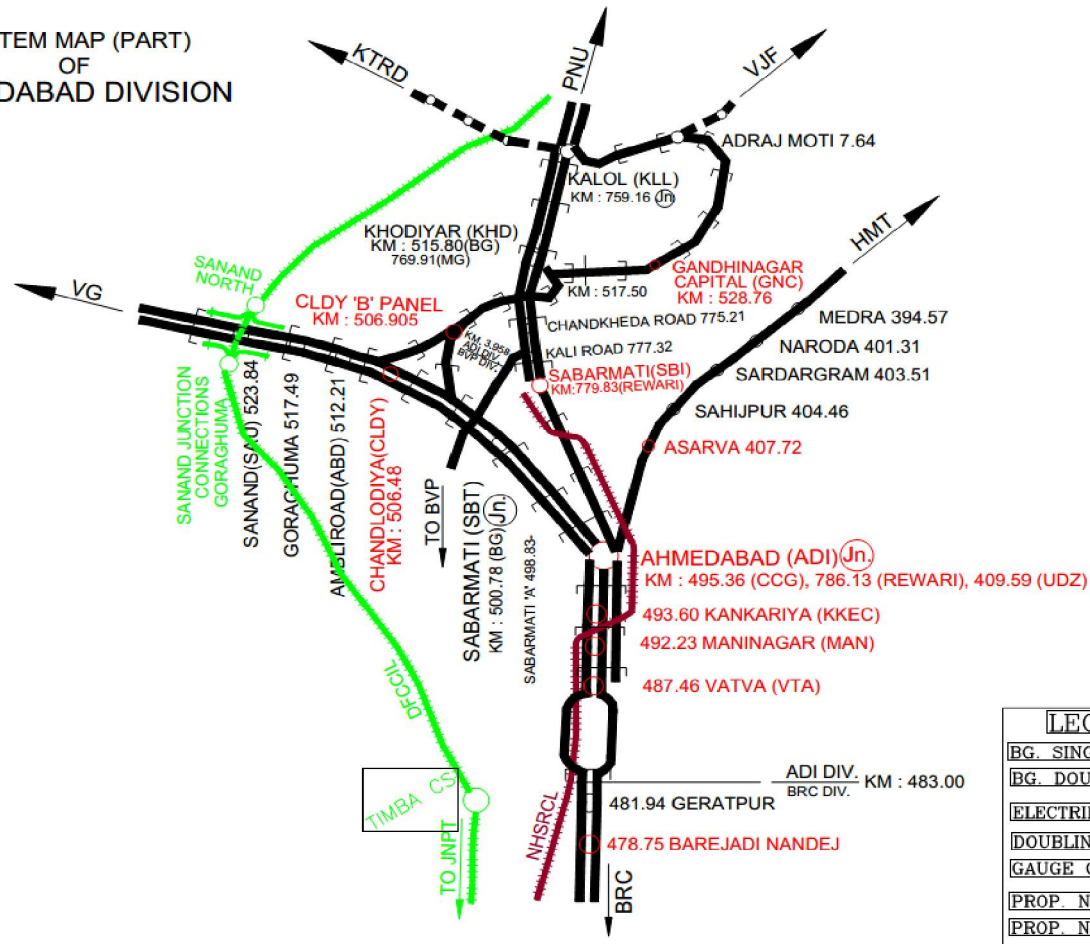


**AHMEDABAD (ADI)  
STATION  
REDEVELOPMENT  
PHASE WISE TRAIN HANDLING PLAN**

SYSTEM MAP (PART)  
OF  
AHMEDABAD DIVISION



## Total Trains Handling of Ahmedabad (ADI) Station

No of Passenger Trains - 292  
(Average 127/day)

No of Goods Trains - Avg 80/day  
( DN-40, UP-40)

## Present Mail/Express train Handling of Ahmedabad

PF No	Total Trains	DN	UP	Total Trains		
				Originating	Terminating	Bypassing
1	52	49	03	04	07	<b>41</b>
2	23	14	09	09	10	<b>04</b>
3	58	54	04	07	05	<b>46</b>
4	43	08	35	02	03	<b>38</b>
5	23	03	20	03	05	<b>15</b>
6	20	08	12	08	09	<b>03</b>
7	29	01	28	06	03	<b>20</b>
8	33	05	28	08	04	<b>21</b>
9	11	04	07	04	05	<b>02</b>
<b>Total</b>	<b>292</b>	<b>146</b>	<b>146</b>	<b>51</b>	<b>51</b>	<b>190</b>

## **RLDA Phase-wise block plan**

<b>PHASE</b>	<b>PLATFORMS TO BE BLOCKED</b>	<b>DURATION (DAYS)</b>	<b>PERIOD</b>
FIRST	9, 8, 7	90	01/10/23 to 29/12/23
SECOND	6 & 5	90	30/12/23 to 27/02/24
THIRD	1 & 2	90	28/02/24 to 28/05/24
FOURTH	3 & 4	90	29/05/24 to 27/08/24

Tentative Proposed Time of starting work - 01/10/2023

## Plan for Change in Terminal during RLDA works

TERMINAL	TOTAL NO OF TRAINS	ORIGINATING	TERMINATING	REMARKS
SABARMATI(SBIB)	23	12	11	
MANINAGAR	13	13	0	
VATVA	28	7	21	
GANDHINAGAR	4	2	2	
GANDHIGRAM	2	1	1	Originating from Sabarmati
VADODARA	2	1	1	
BAREJADI	6	3	3	
ASARVA	18	9	9	
Total	96	48	48	

All terminal changes are near Ahmedabad vicinity only

**TRAINS TYPEWISE HANDLING SUMMARISED POSITION (PHASE -I & II)**  
**(Duration :- 01/10/23 to 27/02/23)**

S.NO	TYPE	TOTAL	Proper	TERMINAL CHANGE
1	VANDE BHARAT	2	2	0
2	RAJDHANI	2	0	2
3	SHATABDI	2	2	0
4	DURANTO	4	2	2
5	TEJAS	2	2	0
6	GARIB RATH	2	2	0
7	HAMSAFAR	10	10	0
8	JAN SHATABDI	2	2	0
9	SUPERFAST	140	118	22
10	MAIL EXPRESS	110	84	26
11	PASSENGER	4	4	0
12	MEMU	12	0	12
	<b>TOTAL</b>	<b>292</b>	<b>228</b>	<b>64</b>

**TRAINS TYPEWISE HANDLING SUMMARISED POSITION (PHASE -III & IV)**  
**(Duration :- 28/02/24 to 27/08/24)**

Sr.no	Train Type	Total	Proper	Terminal change
1	VANDE BHARAT	2	2	0
2	RAJDHANI	2	0	2
3	SHATABDI	2	2	0
4	DURANTO	4	2	2
5	TEJAS	2	2	0
6	GARIB RATH	2	0	0
7	H SAFAR	10	8	0
8	JANSATABDI	2	2	0
9	SUPERFAST	140	103	22
10	MAIL EXPRESS	110	79	26
11	PASSENGER	4	4	0
12	MEMU	12	0	12
	<b>TOTAL</b>	<b>292</b>	<b>228</b>	<b>64</b>



## Existing Power Changing Activities at Ahmedabad

Trains towards	Total Trains (Pairs)	Avg./day (Pairs)	Remarks
Rajkot	27	9.4 Each way	RE likely to be completed
Gandhidham	16	4.2 Each way	Help required from RE - Prayagraj
Jodhpur+Ajmer(Via Palanpur)	14	4 Each way	Already Electrified - Can be done Need consent from NWR
Jodhpur (Via Bhildi)	04	1.1 Each way	Already Sanctioned - Can be done Needs to be expedited by NWR/ Trains to be run on unitraction
Mahuva	03	1 Each way	RE likely to be completed between Rajula - Mahuva (30 Kms) by March-2023
<b>Total</b>	<b>64</b>	<b>20 each way</b>	

- **All Power changing activity needs to be eliminated by speedy completion of electrification.**

# Train Maintenance Plan

PRIMARY MAINTENANCE						SECONDARY MAINTENANCE		
DEPOT	NO OF TRAINS PRESENTLY MAINTAINED	SHIFTING OF MAINT. DEPOT	Proposed Maintenance plan			PRESENT	PROP OSED	SHIFTING
			PROPER MAINT Depot	ADDITION FROM OTHER TERMINALS	TOTAL			
NEW COMPLEX ADI	13	5 (3-WR, 1-ECR, 1-NWR)	8	2 (From Sabarmati)	10	2	0	Shifting from ADI 12957(SBIB), 12915(JU), 19483(BJU), 12902(SBIB),12917(PRTN) Shifting from SBIB-CT to ADI (12947, 20954)
OLD YARD ADI	11	7(WR)	4	0	4	1	0	Shifting from ADI to SBIB-CT (19401, 20939, 19407, 19409, 19413, 19415)
SBIB-CT	10	7(WR)	3	6	9	0	0	Shifting from SBIB-CT 09573,09577,79460/79459 ( BVC),ANND DEMU(BRC),MVI DEMU(RJT),20954 & 12947(ADI)
Total	34	19	15	8	23	3	0	

- If Railway Board permits increase in KM restriction for LHB Maintenance to 5000 KM Sec.maintenance & for 82902 Ahmedabad- Mumbai Tejas exp,12297/12298 Pune Duranto would be discontinued.

## Shifting of Primary Maintenance of Trains from Ahmedabad

### a) Within Western Railway

S. N	Train No	Train Name	Shifted To	Benefits
1	19119	Ahmedabad-Veraval Somnath Express	Veraval	Will ease the congestion in PIT/Stabling lines and eliminating of shunting activities in Ahmedabad yard during block.
2	09573	Gandhigram-Botad Passenger	Bhavnagar	
3	09577	Gandhigram-Botad Passenger	Bhavnagar	
4	12902	Ahmedabad - Dadar Gujarat Mail	Mumbai Central	

### b) On NWR

S. N	Train No	Train Name	Shifted To	Benefits
5	12915	Ahmedabad - Delhi Ashram Express	Jodhpur (NWR)	Will ease the congestion in PIT/Stabling lines and eliminating of shunting activities in Ahmedabad yard during block.
6	09543/ 09544	Extension of Asarva – Dungarpur upto Udaipur and msintenance at Udaipur	Udaipur (NWR)	

## Restrictions at Ahmedabad

- No shunting in coaching trains at Ahmedabad (Attaching/detaching coaches).
- No loco change in Ahmedabad area (Electrical to Diesel or interpose) in coaching (40) and freight trains (55).
- Parcel handling at Ahmedabad needs to be minimized. (No parcel handling in bypassing trains at Ahmedabad station)
- Trains originating and terminating from Ahmedabad need to be minimized (52 pairs)
- No additional trains/ VPU/RA shunting at Ahmedabad.
- Fuelling in Power cars to be done at Vadodara / Abu Road (NWR) / Ratlam station if required.

## Restrictions at Ahmedabad-2

- For avoiding cancellation and for making room for bypassing trains, terminal of Ahmedabad station Originating and Terminating trains is required to be changed.
- For avoiding long lie over and stabling at Vatva and smooth functioning of train operations of MEMU/Passenger trains will be short terminated / Originated.
- All bypassing trains from Ahmedabad station will halt for 5 minutes
- Watering facility needs to be completed at nearby stations.(Abu Road (NWR), Vadodara, Anand, Mehasana)

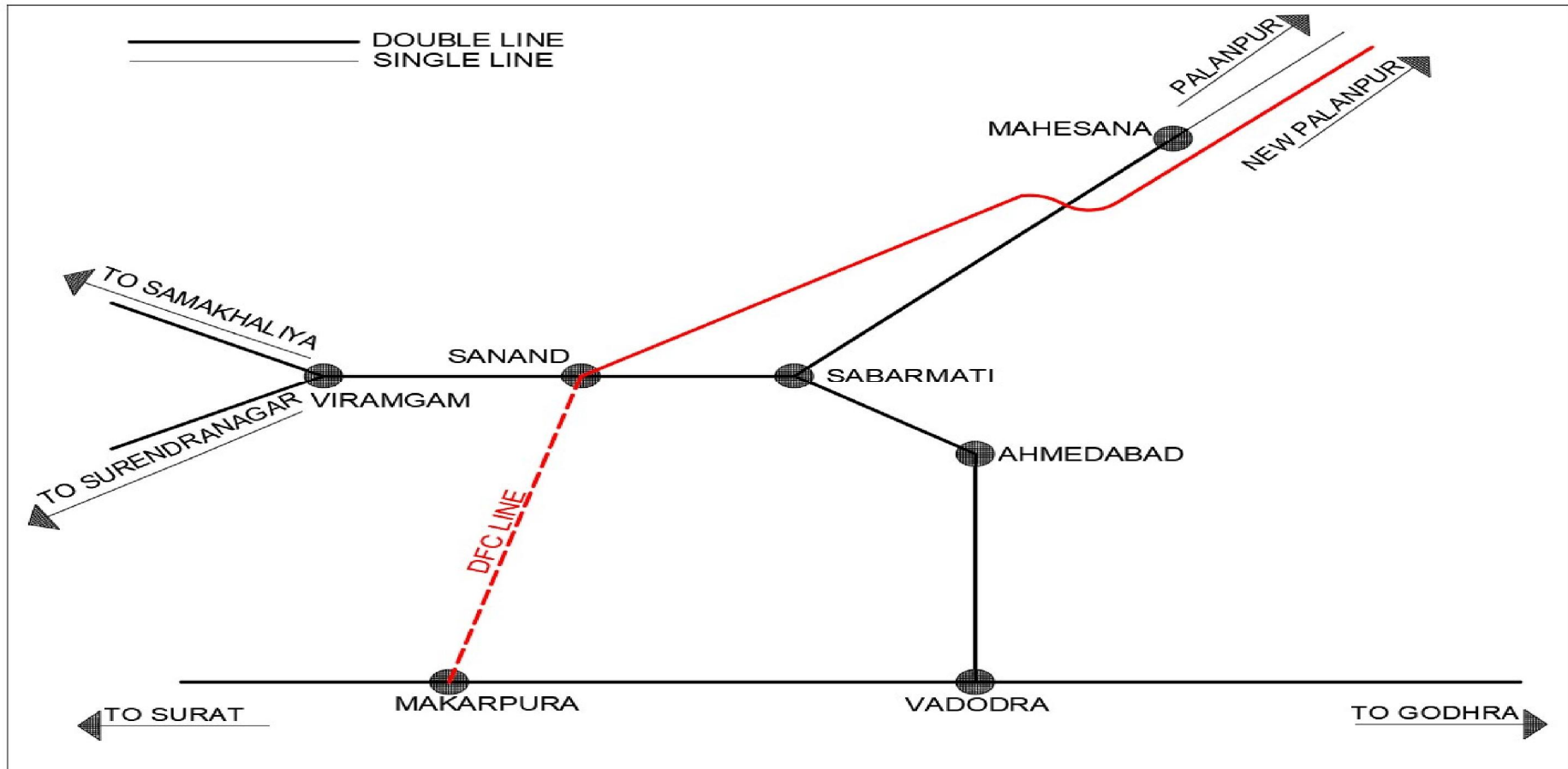
## Essential requirements and Assistance required (RB)

1. 05 High rise MEMU rakes are required to replace existing passenger rakes.
2. Doing away with secondary maintenance in LHB trains by Increasing LHB train validity 4000 kms to 5,000 kms and from 04 days to 05 days.
3. Secondary maintenance in Duronto and Rajdhani express is to be avoided.
4. BPC for Tejas express should be issued for 5000 kms/120 hrs validity.
5. Extension of train no 09543/44 Asarva-Dungarpur up to Udaipur and converting in to conventional rake with Primary maintenance at Udaipur(NWR)

## Essential requirements (Ongoing works to be completed)

Work	Executing Agency	TDC	Benefits
Sanand Makarpura WDFC connectivity	DFCCIL	Sep-23	<ul style="list-style-type: none"> <li>● Previous TDC was Dec '22 which was revised to Dec '23. It needs to be commissioned by Sep '23.</li> <li>● Approx 20 pairs Freight trains will move on DFC.</li> <li>● In absence of this connectivity all goods would be required to pass via ADI yard which will add to further congestion and cause heavy detention to trains.</li> </ul>
New Palanpur	DFCCIL	Aug 23	<p>Development of running room by DFCCIL This would facilitate more crew availability for NWR trains</p>

## DFC line between Sanand - Makarpura





## Essential requirements (Ongoing works to be completed)

Work	Executing Agency	TDC	Benefits
<p><b>Asarva Yard</b> Complete electrification of line no.1,2,3,9,10&amp;11 (3.64Cr) and electrical connectivity from Ahmedabad for extending services.</p>	WR	Sept 23 (This has been proposed in material modification)	It will provide Asarva as alternate Coaching as well as Freight handling Terminal.
<p>Completion of Electrification between Viramgam - Gandhidham, Rajula - Mahuva,</p>	RE-Prayagraj	<p>Viramgam-Gandhidham: July'23 by CORE/ALD</p> <p>Rajula-Mahuva: 15.02.23 by CORE/ALD</p>	Avoiding Power change at ADI and facilitate through running of passenger/freight services minimising TOR.

## Essential requirements (Ongoing works to be completed) (Sabarmati)

<b>Work</b>	<b>Executing Agency</b>	<b>TDC</b>	<b>Benefits</b>
Coaching Terminal at Sabarmati	WR	Aug 23	Coaching Terminal at Sabarmati <ul style="list-style-type: none"> <li>• To decongest ADI station</li> <li>• Originate / terminate coaching trains at Sabarmati</li> </ul>
Sabarmati-yard remodelling during GC.	WR	10/09 /23	This will add five running lines with 3 PFs and will enable origination/termination of more passenger trains. Shifting of trains from ADI station is possible.

## Essential requirements (Ongoing works to be completed) (Gandhinagar)

Work	Executing Agency	TDC	Benefits
Gandhinagar Capital (GNC) - Provision of three stabling line with watering and charging facility (24.6 Crs)	WR	10/09/2023	Will enable termination of trains and watering in originating trains. Detention at ADI on this account can be saved. ADI station will be de-congested.
Gandhinagar- Provision of Running Room with 15 bed capacity.	RLDA	10/09/2023	This will provide resting facility for crew /guard for trains terminating at GNC and avoid commutation of running staff.

## Essential requirements (Ongoing works to be completed) (Kankariya)

Work	Executing Agency	TDC	Benefits
Kankariya cabin- Provision of direct entry from third line to New complex yard.	WR	Aug 23	This will enable direct reception of trains terminated at Maninagar / VTA into pit and stabling lines in ADI. Direct despatch of originating trains from pit lines . Shunting at ADI for placement and removal of rakes will be eliminated. Will help in RLDA block.
Remodelling of Freight Yard	WR	June 23	Speedy commissioning of high level platforms, pit line and stabling lines at Kankaria to be done Benefits: 1, Available PF would relax congestion for ADI area. 2. Rakes may be stabled 3. Pit line would help examination of rakes 4. Direct connectivity from Maninagar to coaching depot to be explored and commissioned.

## Essential requirements (Ongoing Watering works to be completed)

Work	Executing Agency	TDC	Benefits
Anand - Development of watering facility.	WR	Aug 23	Will enable watering of main line trains. Watering at ADI can be shifted.
ASV- Developing watering and charging facilities	WR	Sep 23	Will enable watering of originating and bye passing trains. The work load at ADI will be reduced

## Fund requirement

Sr.	Station with work requirement	Approx.cost in Cr.
1	ADI- Electrification of pit and stabling lines in New complex yard	3.27 Cr
2	ASV-Electrification of line no. 1,2,3,9,10, &11	3.64Cr.
3	ASV- Provision of Running room of 40 bed capacity	8.00 Cr
4	SBIB – Provision of parcel loading line by extending dead end of line no.1	13.07Cr
5	SBIB-Watering facility on PF no. 1,2,3,6&7	13.02 Cr
6	SBT- Extension of running room	1.50 Cr
7	KKFY- Watering facility in goods lines	7.96 Cr.
8	VTA- FOB extension, watering and booking office	8.37 Cr.

## Fund requirement -2

Sr.	Station with work requirement	Approx.cost in Cr.
9	VTA, MAN & ASV- Provision of PA system, coach guidance etc.	5.44 Cr
10	VTA-Providing UTS cum PRS at VTA	1.13 Cr.
11	MAN- Provision of booking office, waiting area	1.17 Cr
12	GNC- Provision of RR with 15 bed capacity	By RLDA
13	MSH- Provision of watering arrangement	13.32 Cr.
14	Mechanical requirement for examination of trains terminating at VTA/MAN/KKF/SBIB/ASV/GNC	VTA-3.23 Cr SBI-2.55 Cr KKF-3.00 Cr
15	Watering facility at Anand	Rs. 6 Cr.
16	Misc. Works	5.33 Cr.
	<b>Total</b>	<b>100 Cr</b>

- This would be charged to RLDA work

## Short term requirement of works by other Depts( Mechanical) to originate trains

Work	Benefits
<p><b><u>Mechanical:</u></b> (For VTA,KKF goods yard, Maninagar,SBIB, ASV &amp; GNC stations)            Separate C&amp;W staff for new locations            Examination facilities            Store rooms &amp; tools            Fuelling and charging points            High mast lighting facility for round the clock examination.            Coach cleaning facility            Proper approach road upto point of examination.</p>	<p>Will facilitate shifting of trains from ADI and to originate and terminate trains.</p>



**THANKS**

## Destination wise Power Changing Trains(Towards Jodhpur+Ajmer)

Sr. no	Pair of train no	Running between	
1	11089/90	BGKT	PUNE
2	20943/44	BGKT	BDTS
3	22965/66	BGKT	BDTS
4	19055/56	JU	BL
5	12479/80	JU	BDTS
6	22663/64	JU	MS
7	22931/32	JSM	BDTS
8	22473/74	BKN	BDTS
9	14707/08	BKN	BDTS



Contt.. 37

## Destination wise Power Changing Trains(Towards Jodhpur+Ajmer)

Sr. no	Pair of train no	Running between	
10	22737/38	HSR	SC
11	22915/16	HSR	BDTS
12	22497/98	SGNR	TPJ
13	19027/28	JAT	BDTS
14	20823/24	All	PURI



Contt.. 38

## Destination wise Power Changing Trains (Towards Jodhpur Via Bhildi)

Sr. no	Pair of train no	Running between	
1	12489/90	BKN	DDR
2	20483/84	BGKT	DDR
3	14805/06	BME	YPR
4	14807/08	BGKT	DDR



## Train Wise Shifting of Terminals

Sr. No	Train No	Train Name	Frequency	Proposed Terminal
1	12933	Mumbai Central -Ahmedabad karnavati Superfast express	Daily	Vatva
2	12931	Mumbai Central -Ahmedabad AC Double Decker Superfast express	Exc.Sun	Vatva
3	19168	Varanashi City-Ahmedabad Sabarmati Express	Tue,Th,Sa,Su	Vatva
4	19166	Darbhanga-Ahmedabad Sabarmati Express	M,W,F	Vatva
5	22919	Chennai central Ahmedabad Hamsafar Superfast express	Thu	Vatva
6	20953	Chennai central Ahmedabad Superfast express	Sat	Vatva
7	12843	Puri-Ahmedabad Superfast express	M,Th,Sa,Su	Vatva
8	20861	Puri-Ahmedabad Superfast express	Fri	Vatva
9	12948	Patna Ahmedabad Azimabad Superfast express	Fri,Sun	Vatva
10	19436	Asansol-Ahmedabad express	Mon	Vatva
11	19490	Gorakhpur-Ahmedabad express	Exc. Thu	Vatva
12	19414	Kolkata-Ahmedabad express	Mon	Vatva
13	19422	Patna Ahmedabad express	Wed	Vatva
14	22968	Prayagraj-Ahmedabad Superfast express	Sat	Vatva
15	19417	Mumbai central Ahmedabad express	Daily	Vatva
16	19035	Vadodara-Ahmedabad Inter city express	Daily	Vatva



## Train Wise Shifting of Terminals-2

17	09399	Anand Ahmedabad MEMU special	Daily	Vatva
18	09311	Vadodara Ahmedabad MEMU special	Daily	Vatva
19	09273	Vadodara Ahmedabad MEMU special	Daily	Vatva
20	09315	Vadodara Ahmedabad MEMU special	Daily	Vatva
21	09327	Vadodara Ahmedabad MEMU special	Daily	Vatva
22	09495	Vadodara Ahmedabad Sankalp passenger special	Daily	Vatva
23	09328	Ahmedabad Vadodara MEMU special	Daily	Vatva
24	09400	Ahmedabad-Anand MEMU special	Daily	Vatva
25	09312	Ahmedabad Vadodara MEMU special	Daily	Vatva
26	09274	Ahmedabad-Anand MEMU special	Daily	Vatva
27	09316	Ahmedabad Vadodara MEMU special	Daily	Vatva
28	09496	Ahmedabad Vadodara Sankalp passenger special	Daily	Vatva
29	12934	Ahmedabad-Mumbai Central karnavati Superfast express	Daily	Maninagar
30	12932	Ahmedabad-Mumbai Central AC Double Decker Superfast express	Exc.Sun	Maninagar
31	22954	Ahmedabad-Mumbai Central Gujrat Superfast express	Daily	Maninagar
32	19418	Ahmedabad-Mumbai Central express	Daily	Maninagar



## Train Wise Shifting of Terminals-3

33	22967	Ahmedabad Prayag raj Superfast express	Thu	Maninagar
34	19421	Ahmedabad Patna express	Sun	Maninagar
35	19435	Ahmedabad Asansol Weekly express	Thu	Maninagar
36	19489	Ahmedabad Gorakhpur express	Exc.Mon	Maninagar
37	12844	Ahmedabad Puri Superfast express	M,Th,Sa,Su	Maninagar
38	20862	Ahmedabad Puri Superfast express	Fri	Maninagar
39	12947	Ahmedabad Patna Azimabad Superfast express	Fri,Sun	Maninagar
40	19167	Ahmedabad Varanashi City Sabarmati Express	M,Tue,Th,Sa	Maninagar
41	19165	Ahmedabad Darbhanga Sabarmati Express	W,F,Su	Maninagar
42	19483	Ahmedabad-Barauni express	Exc.Thu	Asarva
43	22138	Ahmedabad-Nagpur Prerna Superfast express	M,Th,Su	Asarva
44	12902	Ahmedabad-Dadar Gujrat mail Superfast express	Daily	Asarva
45	22989	Ahmedabad-Yashwantpur express	Tue	Asarva
46	12833	Ahmedabad-Howrah Superfast express	Daily	Asarva
47	12655	Ahmedabad-Chennai central Navjivan express	Daily	Asarva
48	12297	Ahmedabad-Pune AC Duronto express	Tu,F,Sun	Asarva



## Train Wise Shifting of Terminals-4

49	11049	Ahmedabad-Kolhapur express	Sun	Asarva
50	22185	Ahmedabad-Pune Ahimsa express	Thu	Asarva
51	12656	Chennai central Ahmedabad Navjivan express	Daily	Asarva
52	12298	Pune-Ahmedabad AC Duronto express	Tu,F,Sun	Asarva
53	11050	Kolhapur-Ahmedabad express	Sun	Asarva
54	22186	Pune-Ahmedabad Ahimsa express	Thu	Asarva
55	22137	Nagpur Ahmedabad Prerna Superfast express	M,Th,Su	Asarva
56	22690	Yashwantpur-Ahmedabad express	Tue	Asarva
57	12901	Dadar-Ahmedabad Gujrat mail Superfast express	Daily	Asarva
58	12834	Howrah-Ahmedabad Superfast express	Daily	Asarva
59	19484	Barauni Ahmedabad express	Exc.Mon	Asarva
60	19402	Lucknow-Ahmedabad express	Wed	Sabarmati (SBIB)
61	19410	Gorakhpur-Ahmedabad express	Tue,Sun	Sabarmati (SBIB)
62	19032	Yognagari Rishikesh-Ahmedabad Yoga express	Daily	Sabarmati (SBIB)
63	22927	Bandra-Ahmedabad Lokshakti express	Daily	Sabarmati (SBIB)
64	12958	New Delhi Ahmedabad Swarna Jayanti Rajdhani express	Daily	Sabarmati (SBIB)





## Train Wise Shifting of Terminals-5

65	19310	Indore Gandhinagar Capital Shanti express	Daily	Sabarmati (SBIB)
66	19224	Jammutawi Ahmedabad express	Daily	Sabarmati (SBIB)
67	12916	Delhi Ahmedabad Ashram express	Daily	Sabarmati (SBIB)
68	19408	Varanshi Ahmedabad express	Sun	Sabarmati (SBIB)
69	19416	Shri mata Vaishno devi Katra-Ahmedabad-	Wed	Sabarmati (SBIB)
70	20940	Sultanpur-Ahmedabad Superfast express	Thu	Sabarmati (SBIB)
71	19407	Ahmedabad-Varanshi express	Thu	Sabarmati (SBIB)
72	19413	Ahmedabad-Kolkata express	Wed	Sabarmati (SBIB)
73	19031	Ahmedabad -Yognagari Rishikesh Yoga express	Daily	Sabarmati (SBIB)
74	22928	Ahmedabad-Bandra Lokshakti express	Daily	Sabarmati (SBIB)
75	12957	Ahmedabad -New Delhi Swarna Jayanti Rajdhani express	Daily	Sabarmati (SBIB)
76	19223	Ahmedabad Jammutawi express	Daily	Sabarmati (SBIB)
77	19309	Gandhinagar Capital Indore Shanti express	Daily	Sabarmati (SBIB)
78	19409	Ahmedabad -Gorakhpur express	Thu,Sat	Sabarmati (SBIB)
79	12915	Ahmedabad -Delhi Ashram express	Daily	Sabarmati (SBIB)
80	19401	Ahmedabad-Lucknow express	Mon	Sabarmati (SBIB)



## Train Wise Shifting of Terminals-6

81	19415	Ahmedabad--Shri mata Vaishno devi Katra-	Sun	Sabarmati (SBIB)
82	20939	Ahmedabad -Sultanpur-Superfast express	Tue	Sabarmati (SBIB)
83	19119	Ahmedabad -Somnath Intercity express	Daily	Gandhinagar Capital
84	19120	Somnath-Ahmedabad Intercity express	Daily	Gandhinagar Capital
85	22957	Ahmedabad -Veraval Somnath Superfast express	Daily	Gandhinagar Capital
86	22958	Veraval -Ahmedabad Somnath Superfast express	Daily	Gandhinagar Capital
Adjoining division				
87	20965	Bhavnagar-Sabarmati Intercity Superfast express	Daily	Gandhi gram
88	20966	Sabarmati Bhavnagar Intercity Superfast express	Daily	Gandhi gram
89	19036	Ahmedabad Vadodara Intercity express	Daily	Barejadi
90	19034	Ahmedabad Valsad Gujrat Queen express	Daily	Barejadi
91	09276	Gandhinagar Capital-Anand MEMU Special	Daily	Barejadi
92	09275	Anand-Gandhinagar Capital MEMU Special	Daily	Barejadi
93	22953	Mumbai Central -Ahmedabad Gujrat Superfast express	Daily	Barejadi
94	19033	Valsad Ahmedabad Gujrat Queen express	Daily	Barejadi
95	12918	Nizamudin Ahmedabad Gujrat Sampark Kranti Superfast express	Sun	Vadodara
96	12917	Ahmedabad Nizamudin Gujrat Sampark Kranti Superfast express	Mon	Vadodara

