

ACHIEVEMENTS OF RAILWAYS IN MADHYA PRADESH



MADHYA PRADESH

At a Glance



Indian railways

Network Route Kilometres

- 1.16 Lakh Track Kms
- 66000 Route Kms

No. of Trains Per Day

- 13000 Passenger Trains
- 8000 Freight Trains

No. of Passengers Per Day

- 23 millions Passengers

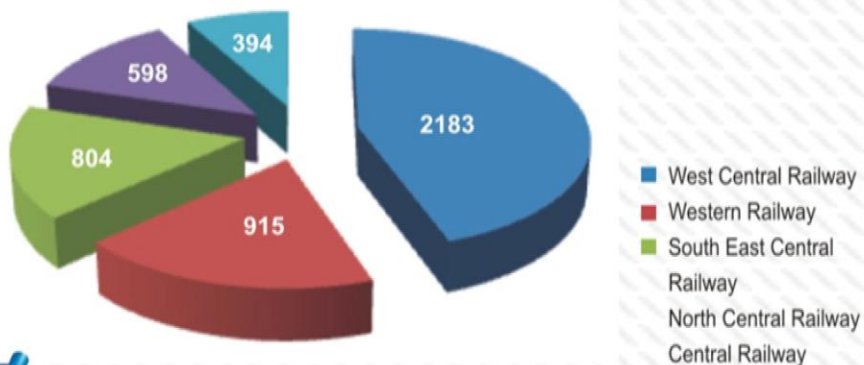
No. of Stations

- 8000

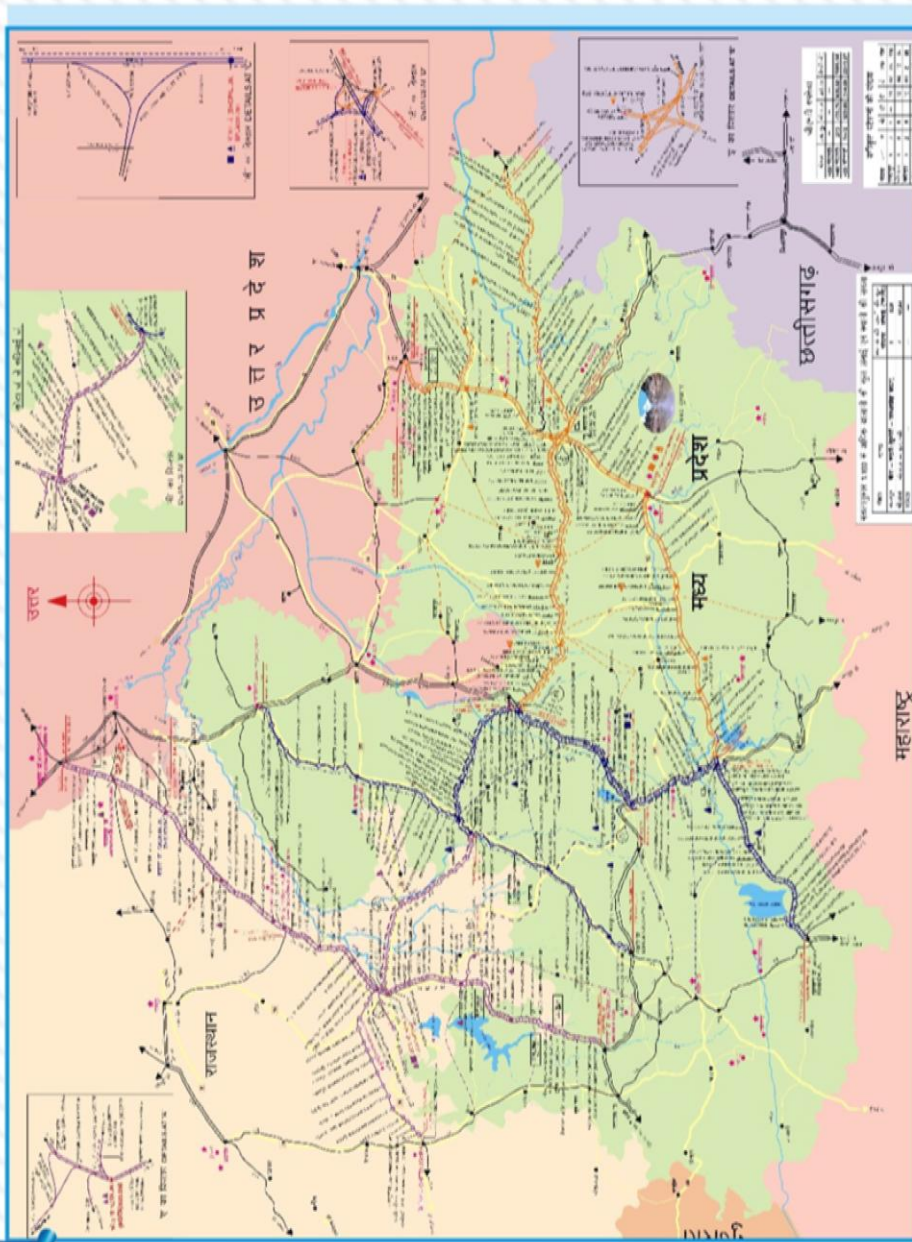
No. of Employees

- 13 Lakhs approx (2nd Largest Employer in the Country after Defence)

Distribution Of Track (Route Kms) In M.P. Total : 4894 Kms



System Map



Zonal Railways In Madhya Pradesh

West Central Railway



West Central Railway (WCR) Zone with its headquarter at Jabalpur consists of Jabalpur and Bhopal and Kota divisions. The gazette notification announcing the formation of this new zonal railway was issued on 4th July 2002. It has a total route kilometers of 2911 kms.

Some sections of WCR falling in M.P. State are the parts of important routes of Indian Railways such as Howrah-Mumbai route via Satna-Jabalpur-Itarsi in the east west direction, Delhi-Chennai route via Bina-Bhopal-Itarsi, Delhi-Mumbai route via Bina-Bhopal-Khandwa in the north-south direction. The sections of

Katni-Singrauli, Satna-Rewa, Jukehi-Kymore, Katni-Bina-Guna-Kota and Maksi (excluding)-Guna-Gwalior (excluding) are within the jurisdiction of West Central Railway and cater to 24 districts of M.P.

South Eastern Central Railway

South East Central Railway (SECR) zone with its headquarter at Bilaspur consists of the Bilaspur and Nagpur divisions of former the South Eastern Railway and the new Raipur division. It has a total route kilometers of 2489 kms.

New Katni Junction (excluding)-Shahdol-Anuppur section of Bilaspur Division and Chhindwara-Nagpur section, Jabalpur-Gondia section, Nainpur-Chhindwara-Nagpur section, Nainpur-Mandla section of Nagpur Division are within the jurisdiction of South Eastern Central Railway and cater to 9 districts of M.P.



Western Railway

Western Railway zone with its headquarter at Mumbai consists of Mumbai, Ahmedabad, Vadodara, Rajkot, Ratlam and Bhavnagar divisions. The major railway routes of Indian Railways which come under Western Railways are Ratlam-Mumbai Central, Ahmedabad - Mumbai and Palanpur - Ahmedabad. It has a total route kilometers of 6181 kms.

Its Nagda-Ratlam-Dahod section of Delhi-Mumbai Rajdhani route falls in the state of M.P. Bhopal-Ujjain-Nagda section, Khandwa-Indore-Ratlam section, Indore-Dhar-Chhota Udepur section and Ratlam-Neemach section of Ratlam division cater to 11 districts of M.P.



Zonal Railways In Madhya Pradesh



Central Railway

Central Railway zone with its headquarter in Mumbai at Chhatrapati Shivaji Terminus consists of Mumbai, Bhusawal, Pune, Nagpur and Sholapur divisions. It includes the first passenger railway line in India, which opened from Mumbai to Thane on 16 April 1853. It has a total route Kms of 3743 Kms.

Mumbai-Howrah route via Khandwa-Burhanpur section in Bhusawal division and Jujharpur-Amla section on Delhi-Chennai route, Chhindwara-Amla section in Nagpur division are within the jurisdiction of Central Railway and cater to 5 districts of M.P.

North Central Railway

North Central Railway zone with its headquarter at Allahabad came to be recognized as a separate entity from 1st April 2003. This was done to meet the growing demand for transportation facilities for this zone. The North Central Railway serves a large area of North India with its divisions at Allahabad, Jhansi and Agra. The trains plying at North Central Railway connect Madhya Pradesh, Haryana, Uttar Pradesh and Rajasthan states. It has a total route Kms of 3216 Kms.



Delhi-Chennai route via Morena-Gwalior-Datia section, and Lalitpur-Chhatarpur-Khajuraho section, Gwalior-Sheopur section, Gwalior-Bhind-Etawah section are within the jurisdiction of North Central Railway and cater to 8 districts of M.P.

Connecting With Railways :

WCR	: website : http://www.wcr.indianrailways.gov.in facebook.com/West-Central-Railway	twitter.com/@wc_railway
SECR	: website : http://www.secr.indianrailways.gov.in facebook.com/South-East-Central-Railway	twitter.com/@secrail
WR	: website : http://www.wr.indianrailways.gov.in facebook.com/WesternRly	twitter.com/@WesternRly
CR	: website : http://www.cr.indianrailways.gov.in facebook.com/centralrailwayindia	twitter.com/@Central_Railway
NCR	: website : http://www.ncr.indianrailways.gov.in www.facebook.com/North-central-railways	twitter.com/twitter.com/GMNCR1

Indian Railways the Big Picture

Infrastructure

Broad Gauge line commissioned

Increase in 2015-16, compared to 2009-14 is 85%.

Year	2004-09	2009-14	2014-15	2015-16
Avg KM	1477	1528	1983	2828

The pace of commissioning of broad gauge lines has increased against an average of 4.3 km per day to 7.8 km per day. We will increase this pace to about 13 km per day in 2017-18 and 19 km per day in 2018-19.

BG Line commissioned in North East

Year	2009-14	2014-15	2015-16
Avg KM	110	450	545

Unmanned level crossings eliminated

Year	2009-14	2014-15	2015-16
Avg KM	1139	1148	1253

Construction of ROB/RUBs

Year	2009-14	2014-15	2015-16
Avg KM	762	1108	1024

Electrification

Year	2009-14	2014-15	2015-16
Avg KM	1184	1375	1730

Indian Railways the Big Picture

Capital Expenditure

Investment

Year	2004-09	2009-14	2014-15	2015-16
Rs in crore	24307	45979	58718	93795

Dedicated Freight Corridor (contracts awarded)

By September 2016 all contracts will be awarded.

Year	2009-14	2015-16
Rs in crore	2600	24000



Indian Railways the Big Picture

Swachh Rail, Swachh Bharat

Number of Bio-Toilets

Year	2009-14	2015-16
No. of Bio-Toilets	1917	15442

Mechanized laundries commissioned

Year	2009-14	2015-16
No. of Laundries	05	10

Number of On Board House Keeping Service trains

Year	2009-14	2015-16
No. of OBHS	62	146

Trains with clean my coach service

Year	2009-14	2015-16
No. of Trains	0	560

WEST CENTRAL RAILWAY, JABALPUR
परिचय मध्य रेल, जबलपुर

स्वच्छ रेल स्वच्छ भारत

कृपया कूड़ेदान का उपयोग करें
शौचालय के उपयोग के बाद पानी बहा दें
रेलवे परिसर एवं गाड़ी को स्वच्छ रखें
घरों-बाहों में कूड़े इकट्ठा न करें और कौचुन फेंकें

रेल परिसर एवं रेलगाड़ी को स्वच्छ रखें

Indian Railways the Big Picture

Number of Auto Ticket Vending Machines

Year	On 31.03.14	On 31.03.16	An increase of 273%
No. of ATVM	771	2874	

Enhanced capacity of e-ticketing system from 2000 tickets per minute to 7,200 tickets per minute and to support 1,20,000 concurrent users from 40,000 earlier.

Reserved accommodation capacity increased from 37.1 crore berths per annum to 44.7 berths per annum.

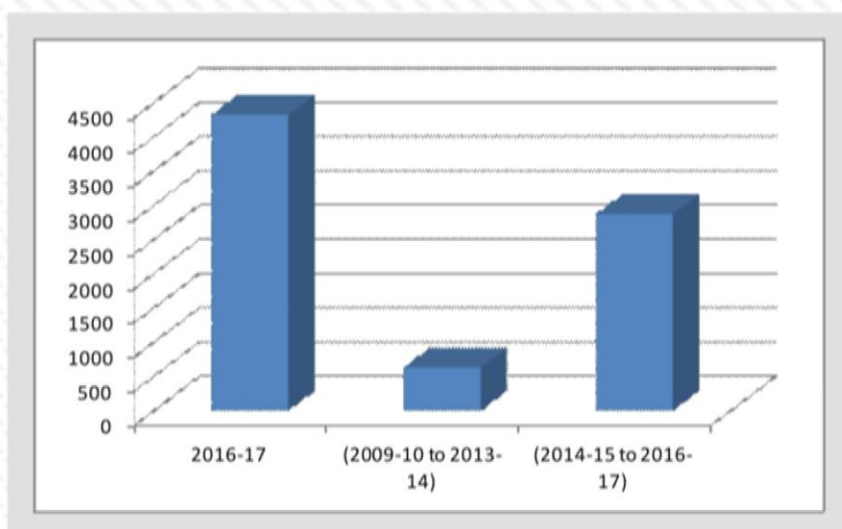


Investment In Infrastructure

Madhya Pradesh

Total Outlay for Projects (Rs. Cr)

Total Outlay	Average UPA	Average NDA	Increase
2016-17	(2009-10 to 2013-14)	(2014-15 to 2016-17)	(2009-13 to 2013-14)
4325	632	2871	354%



Madhya Pradesh

Sr. Name of Project	Zone	Section Commissioned
1. Lalitpur-Satna & Rewa-Singruali	WCR	Mawai-Khajuraho
2. Guna - Etawah via Shivpuri Gwalior-Bhind	NCR	Bhind- Etawah
3. Godhra-Indore	WR	Indore-Rau

Sr. Name of Project	Zone	Section Commissioned
1. Jabalpur-Gondia	SECR	Jabalpur-Sukri Mangela
2. Ratlam-Mhow-Khandwa-Akola	WR	Fatehabad-Indore & Rau-Mhow



Projects Commissioned 2014-16

Madhya Pradesh

Doubling/Tripling Projects

Sr. Name of Project	Zone	Target date of Commission
1. Habibganj-Bina 3rd line	WCR	Nishatpura-Bhadbhadaghat Pabai-Vidisha Mandi Bamora-Bareth
2. Ghatpindrai-Belkheda (Patch doubling)	WCR	Ghatpindrai-Belkheda
3. Udhna-Jalgaon doubling	WR	Vyara-Bardoli Dharangaon-Paldhi



Ongoing Projects

Madhya Pradesh

New Line

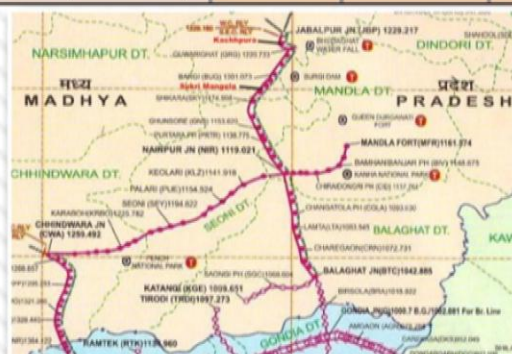
Sr. Name	Sanction Year	Cost (In Crore)	AntiExp Mar'15	Outlay 16-17
West Central Railway				
1. Ramganj-Mandi-Bhopal (262 Kms.)	2000-01	2700	330	100
2. Lalitpur-Satna Rewa-Singrauli Mahoba-Khajuraho (541 Kms.)	1997-98	6093	622.7	400
3. Jabalpur-Indore (342 Kms.)	2016-17	4320	-	0.02
Western Railway				
4. Dahod-Indore via Sardarpur Jhabua & Dhar (201 Kms.)	2007-08	1942	231.36	100
5. Chota Udepur-Dhar (157 Kms.)	2007-08	1824	185.83	100
Central Railway				
6. Indore-Manmad via Malegaon (368 Kms.)	2016-17	9968	-	0.01
North West Railway				
7. Ratlam-Dungarpur via Banswara (176 Kms)	2011-12	3450	47.09	40
North Central Railway				
8. Guna-Etawah via Shivpuri- Gwalior-Bhind (348 Kms.)	1985-86	608	575.38	8.77

Ongoing Projects

Madhya Pradesh

Gauge Conversion

Sr. Name	Sanction Year	Cost (In Crore)	AntiExp Mar'15	Outlay 16-17
South East Central Railway				
1. Jabalpur-Gondia including Balaghat-Katangi (285 Kms.)	1996-97	1544	845.13	223.9
2. Chhindwara-Nagpur (149.5 Kms.)	2005-06	1101	740.02	150.01
3. Chhindwara-Nainpur Mandla Fort (185Kms.)	2010-11	816	95.42	160
Western Railway				
4. Ratlam-Mhow-Khandwa-Akola (473 Kms.)	2008-09	2265	459.97	150
North Central Railway				
5. Gwalior-Sheopurkalan with extension to Kota (284 Kms.)	2010-11	3845	3.08	35



Ongoing Projects

Madhya Pradesh

Doubling/Tripling Projects

Sr. Name	Sanction Year	Cost (In Crore)	AntiExp Mar'15	Outlay 16-17
West Central Railway				
1. Bhopal-Bina 3rd line (143Kms.)	2008-09	950	738.58	70
2. Bina-Kota doubling (282.66Kms.)	2011-12	1485	147.25	210
3. Barkhera-Habibganj 3rd line (41.42Kms.)	2012-13	327	1.5	60
4. Budhni-Barkhera 3rd line(33Kms)	2010-11	992	23.01	40
5. Itarsi-Budhni 3rd line (25.09Kms)	2012-13	277	13	60
6. Katni-Bina 3rd line (263Kms)	2015-16	2478	-	363
7. Katni-Singrauli doubling (261Kms)	2015-16	1733	-	225
8. Satna-Rewa doubling (50Kms)	2015-16	403	-	50
9. Guna-Ruthiyai doubling Patch Doubling (20.5Kms)	2008-09	149	45.13	55
10. Sontalai-Bagratawa Patch Doubling (7Kms)	2015-16	96	-	50
11. Katni Grade Separator bypass (21.5 Kms)	2015-16	582	-	25
12. Powerkheda-Jujharpur Flyover in up direction (12 Kms)	2016-17	247	-	0.01
13. Malkheri-Mahadeo Khedi Doubling (8.7 Kms)	2015-16	54	-	32.16
14. Jukehi Chord line (0.53Km)	2016-17	12	-	0.02
South East Central Railway				
15. Anuppur-Katni 3rd line (168Kms)	2015-16	1371	-	310.00
16. Pendra Road-Anuppur 3rd line (50.10Kms)	2015-16	394	-	210

Ongoing Projects

Madhya Pradesh

Doubling/Tripling Projects

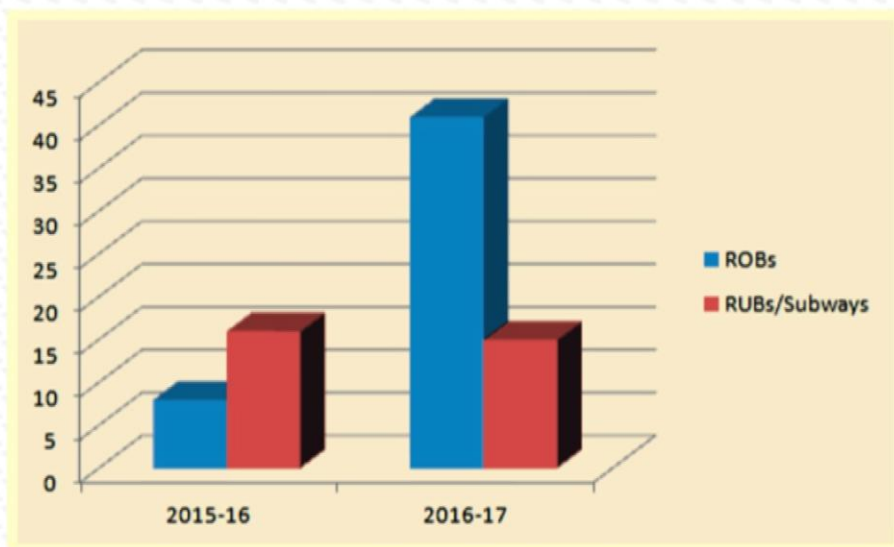
Sr. Name	Sanction Year	Cost (In Crore)	AntiExp Mar'15	Outlay 16-17
Western Railway				
17. Indore-Dewas-Ujjain doubling (80Kms)	2016-17	700	-	0.02
18. Nagda-Ujjain Doubling of Gambhir Bridge (0.44Kms)	2016-17	31.29	-	0.02
19. Kalapipal-Phanda doubling (41.5Kms)	1990-91	130	-	0.1
20. Akodiya-Mohamed Khera-Sujalpur Patch doubling (13 Kms)	2003-04	56.82	-	0.1
21. Nimuch-Chittaurgarh doubling (56Kms)	2015-16	259.68	-	125
North Central Railway				
22. Jhansi-Bina 3rd line (152 Kms)	2015-16	1162	-	170
23. Mathura-Jhansi 3rd line (274Kms)	2015-16	2488	-	270
24. Jhansi-Khairar-Manikpur & Khairar-Bhimsen doubling (411 Kms)	2016-17	3000	-	0.02
Central Railway				
25. Itarsi-Nagpur (Bal.) 3rd line with Dharakho-Maramjhiri Ghat section (280 Kms)	2015-16	2449	0	150
26. Teegaon & Chichonda Ghat section 3rd line (17 Kms)	2015-16	175.68	-	85
East Central Railway				
27. Ramna-Singrauli doubling (160 Kms)	2015-16	1600	-	160

Projects Sanctioned (2015-16 & 2016-17)

Madhya Pradesh

ROBs/RUBs/Subways

	2015-16	2016-17
ROBs	8	41
RUBs/Subways	16	15



On 1st September 2015 WCR has become 1st Railway to eliminate all the un-manned level crossing from its system. This will not only increase the safety of trains but also keep the road users safe.



Electrification Projects Sanctioned (2015-16 & 2016-17)

Madhya Pradesh

Sr.	Name of Project	Zone	Length (Km)	RKMs Falling in the state	Cost (In Cr.)
1.	Vijaipur-Maksi	WCR	188	188	141.3
2.	Guna-Gwalior	WCR	227	228	151.4
3.	Katni- Singrauli	WCR	260	260	258.3
4.	Jhansi-Manikpur	NCR	409	25	454.6
	Including Khairar-Bhimsen				
5.	Indore-Mhow	WR	21	21	25
6.	Ratlam-Nimach-Chanderia-Kota	WR	348	155	296.8
7.	Gondia-Nainpur-Jabalpur	SECR	229	212	194.3
8.	Chhindwara-Nainpur-Mandala Fort	SECR	183	183	90.7



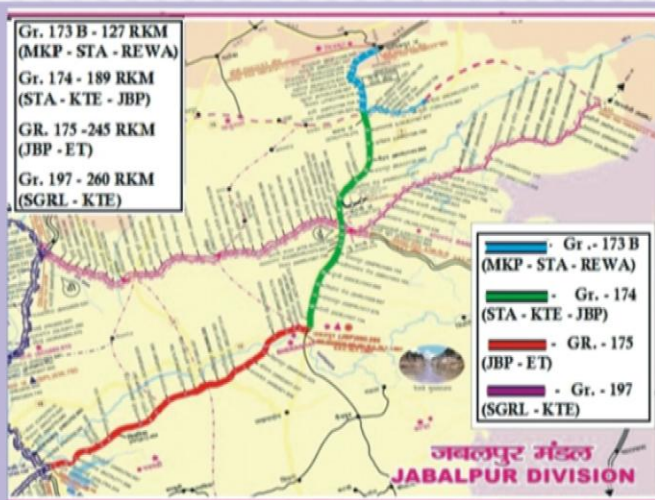
Status Of Electrification Projects

Madhya Pradesh

Sr.	Name of Project	Zone	Length	Cost (in Crore)
			Kms	
1.	Itarsi-Jabalpur-Satna -Manikpur-Cheoki	WCR	653	861.3

Targets for Commissioning

Sr.	Section	Route	Target Date of Commissioning
		Kms	
1.	Manikpur-Majhgawan	37	Mar'17
2.	Majhgawan-Satna-Rewa	84	Dec'17
3.	Satna-Katni	98	Mar'18
4.	Katni-Jabalpur	91	Jun'17
5.	Jabalpur-Pipariya	178	Jul'17
6.	Pipariya-Itarsi	67	Dec'16



Private Freight Terminal

- Powar Kheda** : M/s Kesar Multimodel Logistic Ltd.
Tihi : CONCOR
Dadapara : Maheshwari Coal Beneficiation and Infra (P) Ltd.



New Sidings opened in last 2 yrs.

- Niwas Road** : M/s Jaiprakash Power Ventures Ltd.
Majhauri : Coal loading siding for M/s MPJML.
Bargawan : Aluminum Smelter and CPP siding for M/s Hindalco Industries Ltd.
Bhadanpur : M/s Reliance Cementation Pvt. Ltd.
Turki Road : M/s Jaypee Cement Rewa Ltd.
Jaithari : Moser Baer Power Plant

Passenger Amenities

Madhya Pradesh

Multi Functional Complex

MFC At Jabalpur Station



Multi-functional Complex is located on the second entry to the railway station.

The central lobby serving the Hotel part is provided with two lifts and one main staircase along with a service lift and service staircase to act as fire escape. A total no. of 45 rooms, meeting hall and restaurant with kitchen are available in the complex.

MFC At Gwalior Station



A total of 45 guest rooms including 15 Executive Deluxe Rooms, simply makes visitors feel royal. PEARL-A multi-Cuisine Restaurant serves Indian, Chinese, Muglai and Continental Food. On the other hand, CHASKA-A casual dining food court serve Chat, South Indian, Chinese and all type of fast food, a place to dine casually in funky style.

Further MFCs planned at Sanchi, Rewa, Indore
Ujjain, Ratlam and Neemuch

Passenger Amenities

Madhya Pradesh

Wi-Fi at Stations

Contributing towards fulfillment of Hon'ble PM's Digital India initiative, Indian Railways decided to provide Wi-Fi Broadband facility initially at 100 major Railway Stations.

Railtel has taken a lead in providing fast Wi-Fi in technical collaboration with Google Inc. Wi-Fi will be available to any user who has a working mobile connection on a smart phone. Free Wi-Fi has already been commissioned at Bhopal, Jabalpur and Ujjain stations of Madhya Pradesh.



fast, free Wi-Fi

made for India by



Free Wi-Fi Soft launched at Gwalior and Indore

Passenger Amenities

Madhya Pradesh

Lift At Stations

Railway	Installed	Additional sanctioned
WCR	7	15
WR	4	5
NCR	0	2
Total	11	22



Installed/Sanctioned at

Bhopal, Jabalpur, Habibganj, Itarsi, Satna, Bina, Saugor, Maihar, Indore, Ratlam, Ujjain and Gwalior

Escalators/Travelator At Stations



Railway	Installed	Additional sanctioned
WCR	5	10
WR	2	2
NCR	0	2
Total	7	14

Installed/Sanctioned at

Bhopal, Jabalpur, Habibganj, Itarsi, Satna, Katni, Ratlam, Ujjain and Gwalior

Passenger Amenities

Madhya Pradesh

Name Of Aminities	Installed	More to Come
Mechanized Laundry	Jabalpur, Indore	Bhopal, Gwalior
Clean Train Station	Itarsi, Katni & Ratlam	
On Board Housekeeping Service(OBHS)	All eligible Trains	
Mechanized Cleaning Of Stations	WCR-19 WR-07 SECR-02	



Passenger Trains

Madhya Pradesh

New Trains

From	To	Nature	Frequency
Bareilly	Bhopal	Express	Weekly
Manduadih	Jabalpur	Express	Weekly
Nagpur	Rewa	Express	Weekly
Bina	Katni	Passenger	Daily
Anuppur	Ambikapur	MEMU	6 days a week
Jabalpur	Sukri Mangela	Passenger	Daily
Bhopal	Bareilly	Express	Weekly
Jabalpur	Manduadih	Express	Weekly
Rewa	Nagpur	Express	Weekly
Katni	Bina	Passenger	Daily
Ambikapur	Anuppur	MEMU	6 days a week
Sukri Mangela	Jabalpur	Passenger	Daily



Station Redevelopment Madhya Pradesh

First Station for which Contract Awarded : Habibganj



Contract for redevelopment of Habibganj station awarded to Bansal Construction with completion target period of 3 yrs. Habibganj is a suburb of Bhopal. It is the second busiest station in the city after Bhopal Junction.

Redeveloped Habibganj station has been awarded with Best Tourist Friendly Station award by the Ministry of Tourism, Government of India in 2015-16.



Other Stations of M.P. Planned for Redevelopment (23)

Bhopal, Jabalpur, Satna, Maihar, Saugor, Vidisha, Rewa, Pipariya, Bina, Damoh, Hosangabad, Itarsi, Katni, Singrauli, Khandwa, Baitul, Burhanpur, Indore, Nagda, Ratlam, Ujjain, Morena and Gwalior.

Coach Interior Modernization Model Rake



New age Model Rake made in Coach Rehabilitation Workshop in Bhopal, flagged off by Hon'ble Prime Minister as **Mahamana SF Express** on January 12, 2016 from Varanasi Jn to New Delhi. More such rakes are under production.



Environment Management Madhya Pradesh

Green Energy

Solar Energy Commissioned

General Lighting :

GM Office Jabalpur	100 kWp
DRM Office Jabalpur	30 kWp
5 Stations in Jabalpur Division	25 kWp
LC Gate of Jabalpur Division electrified with Solar	157 No.
DRM Office Bhopal	10 kWp
7 Station in Bhopal Division	35 kWp
LC Gate of Bhopal Division electrified with Solar	145 No.

For Signaling :

LC Gate (60 No.)	152.9 kWp
Station (104 No.)	544.6 kWp
IBH (1 No.)	5.67 kWp

Energy Management System Certificate - ISO 50001

GM Office, Jabalpur
Central Hospital, Jabalpur
Diesel Shed, Katni and Itarsi
Coaching Depot, Jabalpur

DRM Office, Jabalpur
ROH Shed, Katni and Satna
CRWS, Bhopal



Jabalpur : Solar panels on GS coach no. **94408 (Train no.51701)** have been provided for charging batteries and feeding electrical load during day time.

Environment Management Madhya Pradesh

Water Recycling Plant :

Railway	Installed	Targeted In 2016-17
WCR	4	1
NCR	0	1
Total	4	2

Water recycling at Bhopal, Jabalpur, Katni, Satna, Itarsi and Gwalior.



Rain Water Harvesting :



Railway	Installed	Targeted In 2016-17
WCR	33	9



Make In India

Madhya Pradesh



Traction Alternator Factory

Vidisha



Foundation Stone of Diesel Locomotive Traction Alternator Workshop, Vidisha was laid down by Hon'ble Minister of Railways Shri Suresh Prabhakar Prabhu on 26.05.2015 in the presence of Hon'ble Minister of External Affairs, Smt. Sushma Swaraj and Hon'ble Chief Minister, Madhya Pradesh. It will manufacture 100 traction Alternators p.a. of high horse power diesel locomotives.



**WILL FACILITATE
IMPORT SUBSTITUTION**

26

MADHYA PRADESH





Compiled-West Central Railway

MADHYA PRADESH