

Dhanbad Division-A historical perspective

Dhanbad division is a premier coal loading division. **The first colliery line on this division was laid in 1894** and the grand chord section was opened in **1906**. The Division was initially created as a transportation **sub-division of Asansol division in 1946**.

A full-fledged independent **division became functional in 1963**.

Dhanbad division was initially one of the five divisions of the Eastern Railway but after the formation of the new zone '**East Central Railway**' which came into existence on **1stOctober** 2002, Dhanbad division became part of East Central Railway along with four other divisions i.e., Mughalsarai, Danapur, Sonapur and Samastipur with headquarter at Hajipur. Thus the headquarter of Dhanbad division which was initially at Kolkata was shifted to Hajipur.

Dhanbad division may be called as the backbone of the Indian Railways as it is one of the major revenue earners on Indian Railways. **Dhanbad is also called the coal capital of India** and as the division primarily loads coal, which is the major commodity of this region.

Most of the coal moves to up country destinations primarily to power houses located in Punjab, Haryana, Delhi and U.P. Some coal for industries located in Northern India, is also loaded on the division. In addition, coal also moves for down country destinations viz. power houses located in West Bengal, and washed coal to steel plants located at Durgapur, IISCO Burnpur & Tisco. Other commodities loaded on the division include bauxite from Tori, Richughuta and Meralgram to the Hindalco plant at Renukoot, lime stone/dolomite from Bhavnathpur for Bokaro steel plant and cement from ACC-Sindri and Lemos-Khalari. In order to improve freight transportation on Dhanbad division, operations are being constantly streamlined and rationalised

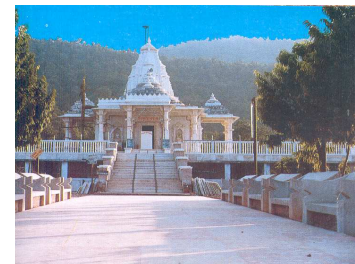
The territorial jurisdiction of the division covers Pradhankhunta (incl.)-Manpur (excl.), Gomoh-Barkakana-Garwa Road-Chopan, Chopan-Singrauli-Mahadiya, Karaila Road-Shaktinagar, Dhanbad-Sindri town, Dhanbad-Patherdih & Dhanbad-Chandrapura section. It deals with traffic on two important routes namely G.C. (Grand Chord) section from Pradhankhunta to Manpur & the CIC (Central Industrial Coalfields) section from Gomoh-Barkakana-Garwa road.

The division has vast geographical area covering **4 states** i.e., Jharkhand, Bihar, Uttar Pradesh and Madhya Pradesh and 13 districts i.e., Dhanbad, Giridih, Hazaribagh, Koderma, Nawada, Gaya, Bokaro, Ranchi, Latehar, Palamau, Garwa, Sidhi & Sonebhadra.

The Division today covers **3 distinct coal mining areas** viz., the Jharia Coalfields serving primarily Bharat Coking Coal Limited, Karanpura area serving primarily Central Coalfields Ltd., and the Singrauli Coalfields of the Northern Coalfields Ltd. The Division deals with traffic on two important routes namely, the Grand Chord section from Pradhankhunta to Manpur and on the CIC section from Gomoh - Barkakana-Garwa Road. Apart from these routes, the division has a number of branch lines and colliery/industrial sidings.

The division initially had a large stretch of non-electrified section and therefore dependent on diesel traction but with time, the tracks have been electrified and now the division has **594.76 km of electrified route** out of the total **866.84** route kilometres.

The Parasnath Jain temple which finds its mention in the world tourists Pilgrim destination, built in 1867 and dedicated to Sheetalnathji, the 10th of the 24 thirthankaras, is situated in this Rail division. Parasnath, the 23rd thirthankara, achieved 'NIRVANA' here 100 years after his birth.



SALIENT FEATURES OF THE DIVISION

Track/Route Kilometers

	ELECTRIFIED	NON-ELECTRIFIED	Total
• Total Kilometers (Track)	1526	866	2394
• Route Kilometers			
a) Single line	160	270	430
b) Double line	438	--	438
• Total Route Km	598	270	868

Route Kilometre group-wise

Sl.	Group	ELECTRIFIED	NON ELECTRIFIED	Total
1.	Group 'A'	203	-	203
2.	Group 'D' Spl.	237	143	380
3.	Group 'E'	158	127	285
	Total Route Km.	598	270	868

Number of Bridges

Major Bridges	141
Minor Bridges	1977
ROB	33
RUB	23
Total	2174

Manned Level Crossings

Sl. No.	Class	Traffic	Engineering	Total
1	Special class	12	05	17
2	A Class	09	04	13
3	B Class	17	07	24
4	C Class	50	60	110
	TOTAL	88	76	164

Un-Manned Level Crossings

Sl. No.	Class	Traffic	Engineering	Total
1	C Class	--	35	35

D Class LC

Sl.No.	Class	No.
1	D	80

Number of stations on Dhanbad Division

No of Block Stations	123
No of IBPs	03
No of Passenger Halts	30
TOTAL	156

Train Controls on the Division

1. Dhanbad
2. Barkakana
3. Chopan

Major Yards

1. Dhanbad
2. Gomoh
3. Patherdih
4. Patratu
5. Barwadih
6. Obradam

Loading Areas

Jharia Area	-	Kusunda, Katras, Patherdih, Sindri, Phusro
Barkakana Area	-	Chainpur, Ray, Khalari, Tori, Richuguta, Garwa Road, Rajhura
Chopan Area	-	Krishnashilla, Singrauli, Meralgram, Billi, Shaktinagar & Salaibanwa
PD Branch	-	Barkakana, Patratu

Coal Loading Areas

- Jharia area serving primarily BCCL, CCL & IISCO(Chasnala)
- Karanpura area (Barkakana) serving primarily CCL & West Bokaro of TISCO
- Singrauli area (Chopan) serving primarily NCL

Other Commodities Loading Areas:

- Bauxite from Tori, Richughuta & Meralgram (Bhavnathpur)
- Lime Stone from Bhavnathpur
- Cement from ACC-Sindri and Limos-Khalari
- Caustic Soda from Garwa Road & Renukoot (Aditya Birla Chemical India Limited)
- Stone Chips & Ballast from Billi
- Clinker from Salaibanwa

Interchange Points

- Eastern Railway : ASANSOL DIVISION
 - Pradhankhunta – on GC
- South Eastern Railway : ADRA DIVISION
 - Khanudih – on GC
 - Rajabera – on CIC
 - Barkakana- on CIC
 - Bhojudih-on Branch line ex. Patherdih
 - Jamuniatand-ex.Chandrapura
- West Central Railway : JABALPUR DIVISION
 - Mahadiya
- North Central Railway : ALLAHABAD DIVISION
 - Chopan
- East Central Railway : MUGHALSARAI DIVISION
 - Garwa Road
 - Manpur

ARMV Base

1. Dhanbad
2. Barwadih
3. Chopan

Crane Base (140T)

1. Dhanbad
2. Barwadih

Bulldozer Base

Dhanbad

Pay Loader

Dhanbad

ART Base

1. Dhanbad
2. Gomoh
3. Patherdih
4. Barkakana
5. Barwadih
6. Chopan

Traction Sub-stations

Pradhankhunta, Hazaribagh Road, Paharpur, Rajabera(in GC), Gomia, Barkakana, Ray, Richuguta, Barwadih, Tolra(in CIC).

Traction Feeding Posts

1. Nimiaghat
2. Koderma

Tower Wagon/OHE Depots

Dhanbad (8-Wheeler), Gomoh(4W), Hazaribagh Road(4W), Gujhandi (8-Wheeler), Chandrapura(4W), Gomia(4W), Barkakana(8-Wheeler), Khalari(4W), Latehar(4W), Daltonganj(4W).

Coaching Depots

1. Dhanbad
2. Gomoh
3. Barkakana
4. Singrauli

Passenger Traffic

- 88 pairs of Mail/Express
- 16 pairs of passenger trains
- 9 pairs MEMU (including 68083/84 proposed)
- 11 pairs other Railway passenger trains

Originating Trains

- 21 pairs of Mail/Express
- 35 pairs of Passenger trains

Mail/Express Trains Originating/Terminating In Dhanbad Division

Sl.	Train No.	Train Name	From	To
1.	13317/13318	Black Diamond Express	Dhanbad	Howrah
2.	12339/12340	Coalfield Express	Dhanbad	Howrah
3.	13307/13308	Ganga Sutlej Express	Dhanbad	Firozpur
4.	13329/13330	Ganga Damodar Express	Dhanbad	Rajendranagar
5.	13347/13348	Palamau Express (ex.Barkakana)	Barkakana	Rajendranagar
6.	23347/23348	Palamau Link Express (ex.Singrauli)	Singrauli	Garhwa Road
7.	14369/14370	Triveni Express(Ex.Singrauli)	Singrauli	Bareilly
8.	24369/24370	Triveni Express(Ex.Shaktinagar)	Shaktinagar	Bareilly
9.	84369/84370	Triveni Express(Ex.Barwadih)	Barwadih	Bareilly
10.	13301/13302	Swarnarekha Express	Dhanbad	Tatanagar
11.	13305/13306	Dhanbad Gaya Intercity	Dhanbad	Gaya
12.	13303/13304	DhanbadHatia Intercity	Dhanbad	Hatia
13.	13351/13352	Dhanbad-Alleppey Express	Dhanbad	Alappuzha
14.	13331/13332	Dhanbad Patna Intercity	Dhanbad	Patna
15.	18613/18614	ChopanHatia Express	Chopan	Hatia
16.	11045/11046	DeekshabhumiExp	Dhanbad	CSMT
17.	12831/12832	GaribrathExp	Dhanbad	Bhubneshwar
18.	12385/12386	Double Decker	Howrah	Dhanbad
19.	13345/13346	Singrauli – Varanasi- Exp	Singrauli	Varanasi
20.	11651/11652	Jabalpur- Intercity Exp.	Jabalpur	Singrauli
21.	23345/23346	Shaktinagar- Varanasi Link Exp.	Shaktinagar	Varanasi