प्रणाली मानचित्र
SYSTEM MAP
पूर्व मध्य रेल
EAST CENTRAL RAILWAY

STATUS AS ON 31.08.2022

BROAD GAUGE SINGLE LINE
BROAD GAUGE DOUBLE LINE
BROAD GAUGE MULTIPLE LINE
METRE GAUGE SINGLE LINE UNDER GC
DISTRICT BOUNDARIES
STATE BOUNDARIES
INTERNATIONAL BOUNDARIES
OTHER RAILWAYS
ELECTRIFIED LINE SINGLE / DOUBLE B.E
UNDER CONTRUCTION B.G SINGLE LINE (NEW)
GUAGE CONVERSION FROM M.G TO B.G
DOUBLE LINE PROPOSED
THIRD LINE PROPOSED
DFC LINE IN LINE PROGRESS
MEGA BRIDGE
RIVER
DIVISIONAL BORDER
IMPORTANT STATIONS AND JUNCTIONS
RAILWAY DIVISIONAL HEADQUATERS
RAILWAY ZONAL HEADQUATERS
DIESEL LOCO SHED
ELECTRICAL LOCO SHED
EXISTING LINE DISMANTLED

DIVISIONWISE ROUTE / TRACK KMS. (RT = ROUTE , T = TRACK)

DIVISION	COLOUR SHOWING JURISDICTION	B.G			M.G. UNDER (GC)			TOTAL			TOTAL TRACK KMS
		RT KM	T KM (RUNNING)	LOOPS & SIDINGS	RT KM	(RUNNING)	LOOPS & SIDINGS	RT KM	T KM (RUNNING)	LOOPS & SIDINGS	
SONPUR (SEE)		526.618	975.817	238.827	------	------	------	526.618	975.817	238.827	1214.644
SAMASTIPUR(SPJ)		1053.146	1088.982	299.311	107.270	------	------	1160.416	1088.982	299.311	1388.293
DANAPUR (DNR)		905.827	1402.638	360.984	------	------	------	905.827	1402.638	360.984	1763.622
PT.DEENDAYAL UPADHYAYA (DDU)		414.770	859.780	521.695	------	------	------	414.770	859.780	521.695	1381.475
DHANBAD (DHN)		1224.614	1917.510	1014.908	------	------	------	1224.614	1917.510	1014.908	2932.418
TOTAL		4124.975	6244.727	2435.725	107.270	------	------	4232.245	6244.727	2435.725	8680.452

SECTION ALREADY HAVING SPEED OF 110 Kmph OR MORE

SL.NO.	SECTION	UP / DN /SL	Km TO Km	MAX Sectional Speed Kmph	LEGEND
1	PARDHANKHUNTA- PT.DEEN DAYAL UPADHYAYA	UP & DN	260.20	677.28	130
2	SONE NAGAR -PT.DEEN DAYAL UPADHYAYA	Rev. Line	549.04	670.21	130
3	LATEHAR - GARHWA ROAD	UP & DN	217.82	320.67	110
4	GARHWA ROAD - SONE NAGAR	UP & DN	320.67	410.87	110
5	JHA JHA PATNA	UP & DN	364.40	543.55	130
6	PATNA -PT.DEEN DAYAL UPADHYAYA	UP & DN	543.55	757.15	130
7	PATNA - GAYA	UP & DN	0.00	91.80	110
8	KATIHAR - BARAUNI	UP	3.33	41.62	110
9		UP	44.20	179.02	110
10	KATIHAR - BARAUNI	DN	3.33	39.18	110
11		DN	43.64	80.00	110
12		DN	100.20	171.00	110
13	BARAUNI - BACHHWARA	UP & DN	179.02	196.38	110
14	BACHHWARA - SAMASTIPUR	UP & DN	0.00	31.80	110
15	SAMASTIPUR - MUZAFFARPUR	UP & DN	31.80	86.51	110
16	HAJIPUR - MUZZAFFARPUR	UP & DN	0.00	53.10	110
17	HAJIPUR - SONPUR	UP	266.96	273.00	110
18	SONPUR - CHHAPRA KACHEHARI	UP & DN	273.00	319.78	110
19	BACHHWARA - HAJIPUR	UP & SL	196.26	267.63	110
20		DN	196.26	229.15	110
21	KHAGARIA - SAMASTIPUR	SL	0.00	85.33	110

SECTION TARGETED FOR 110 Kmph SPEED DURING 2022-23

SL.NO.	NAME OF SECTION	ROUTE LENGTH(Km.)	LEGEND
1	DUDHINAGAR-JHAROKHAS / UP	6.85	
2	PAPRAKUND - MAGARDAHA /DN	6.81	
3	BILLI - CHOPAN /UP & DN	6.27	
4	TILRATH - BARAUNI / DN	8.14	
5	GAUCHARI - NARAYANPUR /DN	19.91	
6	HAJIPUR - SONPUR /DN	5.58	
7	SAKRI - MANDAN MISHRA /SL	10.84	
8	MADAN MISHRA - JHANJHARPUR/SL	8.91	
9	JHANJHARPUR - TAMURIA/SL	8.45	
10	KAPARPURA - VALMIKINAGAR ROAD/SL	210.10	
	TOTAL	291.86	

SECTION TARGETED FOR 110 Kmph SPEED DURING 20223-24

SL.NO.	NAME OF SECTION	ROUTE LENGTH(Km.)	LEGEND
1	JARANGDIH - BOKARO THERMAL/NORTH & SOUTH	6.11	
2	GOMIA - DUMRI BIHAR /NORTH & SOUTH	6.84	
3	DANEA - RANCHI ROAD/ NORTH & SOUTH	25.18	
4	SAHARSA - GARHBAURARI/ SL	16.10	
5	GARHBAURARI - SUPAUL/ SL	11.25	
6	SUPAUL - SARAIGARH/ SL	24.47	
7	BANMANKHI - BARHARA KOTHI / SL	15.85	
	TOTAL	105.80	

NEPAL
BIHAR
UTTAR PRADESH
JHARKHAND
WEST BENGAL
CHHATISGARH
BANGLADESH
MP
GOPALGANJ
WEST CHAMPARAN
EAST CHAMPARAN
SHEOHAR
SITAMARHI
MADHUBANI
SUPAUL
ARARIA
KISHANGANJ
PURNIA
KATIHAR
SIWAN
SARAN
MUZZAFARPUR
VAISHALI
DARBHANGA
SAHARSA
MADHEPURA
KHAGARIA
BEGUSARAI
SAMASTIPUR
BUXAR
BHOJPUR
PATNA
ROHTAS
NALANDA
SHEKHPURA
MUNGER
BHAGALPUR
BANKA
JEHANABAD
ARWAL
AURANGABAD
GAYA
NAWADA
JAMUI
GODDA
SAHIBGANJ
MIRZAPUR
BHABHUA
KAIMUR
GARHWA
PALAMU
CHATRA
HAZARIBAGH
KODERMA
GIRIDIH
DEOGHAR
DUMKA
PAKUR
JAMTARA
DHANBAD
LATEHAR
LOHARDAGA
RANCHI
BOKARO
GANGA
GANDAK
KOSI
BAGMATI
BURHI GANDAK
KAMLA BALAN
BANGANGA
GHAGHRA
SARYU
GOMATI
GHAGRA
SONE
KARMNASA
DURGAWATI(DGO)
KUDRA(KTQ)
CHANDAULI MAHARC(CMR)
MUGHALSARAI(MGS)
DDU Div.(UCR)
DHN Div.(ECR)
MGS Div.(ECR)
ELEC. AND DIESEL LOCO SHED
DIESEL LOCO SHED
ELECTRICAL LOCO SHED
EXISTING LINE DISMANTLED
DFC LINE IN LINE PROGRESS
MEGA BRIDGE
RIVER
DIVISIONAL BORDER
STATE BOUNDARIES
INTERNATIONAL BOUNDARIES