पूर्व तट रेलवे
EAST COAST RAILWAY
प्रणाली मानचित्र
SYSTEM MAP
31 मार्च 2022 तक संशोधित
CORRECTED UP TO 31ST March 2022

पैमाना : 1 से.मी. = 10 कि.मी. ● Scale : 1 Cm. = 10 Km.

DIVISION WISE NOS. OF LOCATION & TOTAL LENGTH OF CURVES WHICH ARE SHARPER THAN 4 DEGREE

DIVISION	ROUTE	SECTION	NOS. OF LOCATION / LINE	TOTAL LENGTH OF CURVE (KM)
KHURDA ROAD	D	JRLI - NYG	02 (DN)	1.330
		MZY - RQP	01 (UP)	0.798
		MZY - RQP	01 (DN)	0.320
		ANGL - TLHD	01 (SL)	0.249
		CTC - PRDP	01 (UP)	0.272
		NRG - SQQ	01(UP Tie Line)	0.469
		TLHR - SNKHN	07 (SL)	3.118
SAMBALPUR	D	JSG - TIG	13	4.390
		SBP - ANGL	10	4.983
WALTAIR	D	KTV - KRDL	444	148.615
		SPRD - KRPU	97	50.980

DIVISION WISE NOS. OF LOCATION & TOTAL LENGTH OF GRADIENT STEEPER THAN 1 IN 100

DIVISION	ROUTE	SECTION	NOS. OF LOCATION / LINE	TOTAL LENGTH OF GRADIENT (KM)
KHURDA ROAD	NIL			
SAMBALPUR	NIL			
WALTAIR	D	KTV - KRDL	76	99.991

ELEPHANT CORRIDORS

DIVISION	NAME OF SECTION
KHURDA ROAD	BYY-KIS, SQQ-CBT, RQP-GHNH, MZY-GJTA, CBT-SQQ, RBA-HMA, HMA-GAM, TLHR-BDPK, HND-SSPR, DNKL-JRZ, JRZ-RJGR, GJTA-MZY, DNKL-SSPR, TGRL-SGDP, NKW-STBJ, STBJ-BSTP, BSTP-NANR, PRNR-NYG & NYG-JRLI, KPJG-ANGL
SAMBALPUR	MANE-HATB, HATB-JUJA, JUJA-CHAR, CHAR-RAIR, RAIR-BAMR, BONA-JRPD LJR-AMB & AMB-DKLU, NRLR-LJR
WALTAIR	NIL

LEGEND

संकेत LEGEND

B. G. SINGLE LINE	DIVISIONAL HEAD QUARTERS (SBP ● KUR ● VSKP)
B. G. NEW LINE IN PROGRESS	RAILWAY HEAD QUARTERS
B. G. DOUBLE LINE	DISTRICT BOUNDARY
B. G. DOUBLING IN PROGRESS	RIVER
B. G. MULTIPLE LINE	NATIONAL HIGHWAY / STATE HIGHWAY
PROPOSED 3RD LINE	IMPORTANT TOURIST PLACES
PROPOSED 4TH LINE	LOCO DIESEL/ELECTRIC SHED
SURVEY IN PROGRESS	HDN ROUTE
SURVEY COMPLETED	HUN ROUTE
OTHER RAILWAY	MULTI FUNCTIONAL COMPLEX (M)
ELECTRIFIED LINE SINGLE / DOUBLE / MULTIPLE B. G.	ADARSH STATION / AUTO SECTION (S) / LONG HAUL LOOPS

ELECTRIFIED ROUTE

DIVISION	ROUTE KM.	RUNNING TRACK KM.	TRACK KM.
KUR	971.680	1805.280	2225.220
SBP	739.465	1330.434	1586.117
WAT	1106.444	1776.698	2371.231
TOTAL	2817.589	4912.412	6182.568

NEW LINES IN PROGRESS

SECTION	KM.
KHURDA RD. - BALANGIR	183.770
ANGUL - SUKINDA RD.	98.763
TALCHER - BIMLAGARH	135.570
JAYPORE - MALKANAGIRI	130.000
JAYPORE - NABARANGPUR	38.000
GUNUPUR - THERUVALI	79.150
KHURDA - ANGUL with Y-Connection at TLHR	14.475
SBP-GOPALPUR Via PHULBANI	241.000

DOUBLING IN PROGRESS

SECTION	KM	SECTION	KM
TITLAGARH - SAMBALPUR	50.930	BHADRAK - NERGUNDI (3rd Line)	81.315
BANSPANI - JAKHAPURA	43.182	SAMBALPUR - TALCHER	56.895
KORAPUT - SINGAPUR RD.	164.000	KIRANDUL - JAGDALPUR	64.593
KHURDA RD-BARANG (3rd Line)	6.606	JARAPADA - BUDHAPANK with Fly Over at TALCHER RD. (3rd & 4th Line)	91.000
BHADRAK-VIZIANAGARAM (3rd Line) in Balance Section	525.000	VIZIANAGARAM - TITLAGARH (3rd Line)	248.429
BUDHAPANK-SALEGAON Via RAJATHGARH (3rd & 4th Line)	170.000	KOTTAVALASA - JAGDALPUR BRUNDAMAL - JHARSUGUDA RD. Fly Over	178.186 6.600
BAGHUAPAL Fly Over	20.000		

SURVEY IN PROGRESS

3rd Line between Sambalpur - Jarapada, Nayagarh - Jakhapura
3rd & 4th Line between Jharsuguda - Sambalpur
New Line Rail Connectivity to Iron Ore Mines between Nayagarh - Bansapani
New Line between Bhawanipatna - Kesinga Via Utkela
New Chord Line from Rajathgarh To Kaipadar Road to avoid Bhubaneswar - Khurda Road busy Route
Separate Line with Flyover at Cuttack, Flyover at Gopalpur Port, Machhapur, Jajpur Keonjhar Road, Chhatrapur, Flyover at Vizianagaram (Updating)
Flyover Bypassing Cuttack
Flyover at Sambalpur, Sambalpur City (Double Flyover, Sarla), Singapur Rd. B Cabin
Flyover at Sarla from Sambalpur City end to connect the DN Grid of Sarla (FLS)
Flyover Bypassing from RV Line and merging with Loop Line at Singapur Road (FLS)
Flyover Between Pendurthy - Simachalam North on UP Line, Connecting VSPS Line at Simachalam North (FLS)
Flyover at Haridaspur to connect HDS-PRDP New Line (FLS)
Bypass line from RNBT to SFK from JT line to RV line bypassing TIG (FLS)
New Line between Bargarh - Nawapara via Padmpur (FLS)
New Line between Bolangir - Nawapara Via Patnagarh (FLS), Flyover at Khurda Road (FLS)

NEW SURVEY SANCTIONED IN 2022-23

Final Location Survey
New Line between Talcher - Gopalpur, Ganjam
New Line between Junagarh - Nawarangpur & Malakanagiri -Bhadrachalam

AUTO SECTION

KUR - BRAG - CTC - NRG - CBT - MZY - RJGR
DVD - GPT, SCMN - GPT - VSKP, SCMN - DVD Bypass Line

DETAILS OF LEVEL CROSSING

DIVISION	MANNED ROUTE B	ROUTE D	ROUTE TOTAL	UN-MANNED TOTAL
KHURDA ROAD	160	159	319	0
SAMBALPUR	-	199	199	0
WALTAIR	56	155	211	0
TOTAL	216	513	729	0

B. G. SECTION, GROUPWISE

GROUP	SECTION	KM.
A	----------	--------
B	(Ex) RNTL - PSA	390.860
	PSA - VSKP - DVD	212.812
C	----------	--------
D	SBP - KPJG - TLHD - Jn. Cabin	169.640
	TLHR - SUNAKHANI	18.430
	NTPC - Jn. Cabin - (Ex) TLHD	0.850
	JSG - TIG	228.758
	TIG - LAE (Ex)	172.781
	TIG - SPRD (Ex)	124.446
	(Ex) NRG - TLHR	99.760
	(Ex) BRAG - (Ex) RJGR	26.620
	(Ex) KIS - (Ex) SQQ	2.900
	CTC - PRDP	82.020
	SPRD - VZM	139.198
	KTV - KRPU - KRDL	445.598
	SPRD - KRPU	163.725
	SBPY - SLRA	3.650
	IB - JSGR	0.550
	JAPADA - BUDHAPANK with Fly	54.300
	BLGR - BHPI	14.580
	KUR - PUI	43.190
	KUR - NUAGAON	91.000
	JKPR - JRLI	163.720
	TOMKA - DTR	8.000
	SKND(Ex) - JJKR(Ex) (BYE PASS LINE)	9.800
	MZY - RQP	2.190
	VBL - SALR	16.423
	SCMN - VSPS	11.676
	SCMN - VDPD	6.696
	VSPS GATE JN. - KAPM	9.816
	SCMN - DVD (BYE PASS LINE)	2.586
	VDPD - DVD	4.168
	MVF - DMRT	1.228
	KTGA - THV	2.318
	NWP - GNPR	90.200
	ARGL - HPGM (BYE PASS LINE)	3.100
	TOTAL	2817.589

25 T AXLE LOAD RAKE MOVEMENT ROUTE

BSPX-DATR-JKPR-CTC-PRDP, HDS-PRDP, BHC-Dhamra, JKPR-BHC-RNTL, SKND-JJKR
CTC-BRAG-PSA-VZM, JSG-SBP-TIG-SPRD, SLRA-SBPY, JSGR-IB, MZY-RQP-BRAG, KIS-SQQ
RJGR-RQP, NRG-SQQ-MZ-RJGR-BDPK-ANGL-KPJG, BDPK-TLHR, TLHR-TLHD
KRDL-KRPU-KTV-VSKP, KRPU-RGDA-VZM-VSKP, GPT-DVD (BYE PASS LINE)

HDN ROUTE

HOWRAH - VSKP - DVD (ML)

HUN ROUTE

DIVISION	SECTION
KHURDA ROAD	Paradeep - Cuttack - Barang - Rajathgarh - Angul Nayagarh - Jakhapura
SAMBALPUR	Angul - Sambalpur - Titlagarh - Raipur, Titlagarh - Theruvali, Sambalpur - Jharsuguda Road
WALTAIR	Vizianagaram - Theruvali, Singpur Rd. - Koraput Kottavalasa - Jagdalpur - Kirandul

DETAILS OF BRIDGES

DIVISION	IMPORTANT	MAJOR	MINOR	TOTAL
KHURDA ROAD	18	390	3981	4389
SAMBALPUR	16	188	2881	3085
WALTAIR	05	407	4418	4830
TOTAL	39	985	11280	12304

STATEMENT SHOWING CATEGORY WISE NO. OF STATIONS

DIVISION/GROUP	CATEGORY OF STATION NSG 1	NSG 2	NSG 3	NSG 4	NSG 5	NSG 6	HG 1	HG 2	HG 3	TOTAL
KHURDA ROAD	0	2	5	2	11	81	0	17	17	135
SAMBALPUR	0	0	1	3	16	40	0	0	4	64
WALTAIR	0	1	1	5	11	77	2	11	9	117
TOTAL	0	3	7	10	38	198	2	28	30	316

STATE WISE ROUTE KILOMETERS, RUNNING TRACK KILOMETERS, TRACK KILOMETERS

STATE	COLOUR	ROUTE KILOMETER	RUNNING TRACK KILOMETER	TRACK KILOMETER
ANDHRA PRADESH		571.367	1080.547	1525.040
CHHATTISGARH		242.831	423.139	502.390
ODISHA		2003.391	3408.726	4192.419
TOTAL		2817.589	4912.412	6219.849

DIVISION WISE ROUTE KILOMETERS, RUNNING TRACK KILOMETERS, TRACK KILOMETERS

DIVISION	COLOUR	ROUTE KILOMETER	RUNNING TRACK KILOMETER	TRACK KILOMETER
KHURDA ROAD		971.680	1805.280	2225.220
SAMBALPUR		739.465	1330.434	1623.398
WALTAIR		1106.444	1776.698	2371.231
TOTAL		2817.589	4912.412	6219.849

(K.V.V. Narasimha Rao) 27.05.22
DY. CHIEF ENGINEER (Plg.)

(A. Sahu)
CHIEF PLANNING & DESIGN ENGINEER

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Any discrepancy / corrections required may be brought to the notice of CPDE, PCE's Office, ECo. Rly., Bhubaneswar. Tel. 50520 (Rly.), 0674 - 2303210 (P&T)