पूर्व तट रेलवे
EAST COAST RAILWAY
प्रणाली मानचित्र
SYSTEM MAP

31 मार्च 2021 तक संशोधित
CORRECTED UP TO 31ST March 2021

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	E	JRLI - NYG	02 (DN)	1.330
		MZY - RQP	01 (UP)	0.798
		MZY - RQP	01 (DN)	0.320
	D Spl.	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 Spl.	JSG - TIG	03	2.666
		SBP - ANGL	02	1.400
WALTAIR	D Spl.	KTV - KRDL	434	145.281
	D	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 Spl.	KTV - KRDL	72	88.714

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-JRR
WALTAIR	NIL

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	
PROPOSED 3RD LINE		STATE HIGHWAY	
PROPOSED 4TH LINE		IMPORTANT TOURIST PLACES	
SURVEY IN PROGRESS		LOCO DISEL/ELECTRIC SHED	
SURVEY COMPLETED		HDN ROUTE	
OTHER RAILWAY		HUN ROUTE	
ELECTRIFIED LINE SINGLE / DOUBLE / MULTIPLE B. G.		MULTI FUNCTIONAL COMPLEX	M
		ADARSH STATION	A
		AUTO SECTION	S
		LONG HAUL LOOPS	

ELECTRIFIED ROUTE

DIVISION	ROUTE KM.	RUNNING TRACK KM.	TRACK KM.
KUR	943.580	1771.790	2187.200
SBP	724.885	1261.729	1554.445
WAT	1106.444	1758.622	2353.155
TOTAL	2774.909	4792.141	6094.800

NEW LINES IN PROGRESS

SECTION	KM.
KHURDA RD. - BALANGIR	196.770
ANGUL - SUKINDA RD.	98.763
TALCHER - BIMLAGARH	135.570
JAYPORE - MALKANAGIRI	130.000
JAYPORE - NABARANGPUR	38.000
GUNUPUR - THERUVALI	79.150
TALCHER - ANGUL with Y-Connection at TLHR	14.475

DOUBLING IN PROGRESS

SECTION	KM	SECTION	KM
TITLAGARH - LAKHOLI (EX)	14.956	BHADRAK - NERGUNDI (3rd Line)	81.315
TITLAGARH - SAMBALPUR	58.180	SAMBALPUR - TALCHER	86.552
JAKHAPURA - BANSPANI	43.182	KIRANDUL - JAGDALPUR	75.581
BUDHAPANK-SALEGAON Via RAJATHGARH (3rd & 4th Line)	170.000	JARAPADA - BUDHAPANK with Fly Over at TALCHER RD. (3rd & 4th Line)	91.000
KHURDA RD. BY PASS	3.260	VIZIANAGARAM - TITLAGARH (3rd Line)	264.600
BHADRAK-VIZIANAGARAM (3rd Line) in Balance Section	525.000	KHURDA RD., VIZIANAGARAM BY-PASS	14.000
KORAPUT - SINGAPUR RD.	164.000	SIMHACHALAM - GPT BY PASS	2.070
KHURDA RD-BARANG (3rd Line)	6.606	KOTTAVALASA - JAGDALPUR	185.276
BAGHUAPAL Fly Over	20.00	BRUNDAMAL - JHARSUGUDA RD. Fly Over	6.600

SURVEY IN PROGRESS

3rd Line between SAMBALPUR - JARAPADA
3rd Line between NAYAGARH - JAKHAPURA
4th Line between VIZIANAGARAM - KOTTAVALASA
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 Line between TALCHER - GOPALPUR
New Chord Line from RAJATHAGARH to KAIPADAR ROAD to avoid BHUBANESWAR - KHURDA ROAD busy Route
Chord Line from TALCHER to ANGUL through the colliery to avoid Enginee reversal at TALCHER
Separate Line with Flyover at CUTTACK, Flyover at GOPALPUR PORT, HARIDASPUR, MACHHAPUR, JAJPUR KEONJHAR ROAD
Flyover Bypassing CUTTACK
Flyover at SAMBALPUR, SAMBALPUR CITY
Flyover at SINGAPUR RD. B CABIN & KORAPUT A CABIN
Flyover at VIZIANAGARAM (Updating)

NEW SURVEY SANCTIONED IN 2021-22

New Line Between PURI - KONARK

B. G. SECTION, GROUPWISE

GROUP	SECTION	KM.
A	----------	---------
B	(Ex) RNTL - PSA	390.860
	PSA - VSKP - DVD	212.812
C	----------	---------
D Spl.	SBP - ANGL (Ex)	154.000
	TLHR - ANGL	15.640
	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
D	SPRD - KRPU	163.725
E	SBPY - SLRA	3.650
	IB - JSGR	0.550
	LJR - JNR	54.300
	BLGR - BHPI	14.580
	KUR - PUI	43.190
	KUR - MAHI	78.000
	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
	TOTAL	2801.489

25 T AXLE LOAD RAKE MOVEMENT ROUTE

BSPX - DATR - JKPR - CTC - PRDP
KRDL - KRPU - KTV - VSKP
KRPU - RGDA - VZM - VSKP

HDN ROUTE

HOWRAH - VSKP (ML)
JSG - SBP - TIG - VZM
3RD LINE BETWEEN VZM & KTV
4TH LINE BETWEEN KTV & SCMN

HUN ROUTE

DIVISION	SECTION
KHURDA ROAD	ANGUL - TALCHER/BUDHAPANK, TALCHER - NERGUNDI, RAJATHGARH - BHUBANESWAR NEW, CUTTACK - PARADEEP, NAYAGARH - JAKHAPURA
SAMBALPUR	JHARSUGUDA ROAD - SAMBALPUR - TITLAGARH, THERUVALI - TITLAGARH - LAKHOLI, SAMBALPUR - ANGUL
WALTAIR	THERUVALI - VIZIANAGARAM KORAPUT - SINGAPUR RD. KIRANDUL - KORAPUT - KOTTAVALASA

AUTO SECTION

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

DETAILS OF LEVEL CROSSING

DIVISION	MANNED ROUTE B	D' SPL	D	E	TOTAL	UN-MANNED TOTAL
KHURDA ROAD	162	103	-	55	320	0
SAMBALPUR	-	192	-	11	203	0
WALTAIR	64	90	2	63	219	0
TOTAL	226	385	2	129	742	0

DETAILS OF BRIDGES

DIVISION	IMPORTANT	MAJOR	MINOR	TOTAL
KHURDA ROAD	18	380	3883	4281
SAMBALPUR	14	178	2772	2964
WALTAIR	05	419	4268	4692
TOTAL	37	977	10923	11937

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	80	0	17	17	134
SAMBALPUR	0	0	1	3	16	41	0	0	4	65
WALTAIR	0	1	1	5	11	76	2	12	9	117
TOTAL	0	3	7	10	38	197	2	29	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	397.195	491.402
ODISHA		1987.291	3340.979	4130.717
TOTAL		2801.489	4818.721	6147.159

DIVISION WISE ROUTE KILOMETERS, RUNNING TRACK KILOMETERS, TRACK KILOMETERS

DIVISION	COLOUR	ROUTE KILOMETER	RUNNING TRACK KILOMETER	TRACK KILOMETER
KHURDA ROAD		955.580	1783.790	2200.610
SAMBALPUR		739.465	1276.309	1593.394
WALTAIR		1106.444	1758.622	2353.155
TOTAL		2801.489	4818.721	6147.159

31.5.2021
(K.V.V. Narasimha Rao)
DY. CHIEF ENGINEER (Plg.)

31/05/2021
(S. K. Maurya)
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)