पूर्व तट रेलवे
EAST COAST RAILWAY
प्रणाली मानचित्र
SYSTEM MAP
31 मार्च 2020 तक संशोधित
CORRECTED UP TO 31ST March 2020

पैमाना : 1 से.मी. = 20 कि.मी. ● Scale : 1 Cm. = 20 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
	D Spl.	ANGL - TLHD	01(SL)	0.249
		CTC - PRDP	01(UP)	0.272
		NRG - SQQ	01(UP Tie Line)	0.469
SAMBALPUR	D Spl.	JSG - TIG	04	1.650
		SBP - ANGL	02	0.785
WALTAIR	D Spl.	KTV - KRDL	413	136.808
	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
SAMBALPUR	MANE-HATB, HATB-JUJA, JUJA-CHAR, CHAR-RAIR, RAIR-BAMR, BONA-JRPD, KPJG-ANGL LJR-AMB & AMB-DKLU
WALTAIR	JMPT-PVP, RUL-TKRI & BGUA-DMNJ

LEGEND / संकेत

- B. G. SINGLE LINE
- B. G. NEW LINE IN PROGRESS
- B. G. DOUBLE LINE
- B. G. DOUBLING IN PROGRESS
- B. G. MULTIPLE LINE
- PROPOSED 3RD LINE
- PROPOSED 4TH LINE
- SURVEY IN PROGRESS
- SURVEY COMPLETED
- OTHER RAILWAY
- ELECTRIFIED LINE SINGLE / DOUBLE / MULTIPLE B. G.

- DIVISIONAL HEAD QUARTERS (SBP, KUR, VSKP)
- RAILWAY HEAD QUARTERS
- DISTRICT BOUNDARY
- RIVER
- NATIONAL HIGHWAY
- STATE HIGHWAY
- IMPORTANT TOURIST PLACES
- LOCO DISEL/ELECTRIC SHED
- HDN ROUTE
- MULTI FUNCTIONAL COMPLEX
- ADARSH STATION
- AUTO SECTION
- LONG HAUL LOOPS

ELECTRIFIED ROUTE

DIVISION	ROUTE KM.	RUNNING TRACK KM.	TRACK KM.
KUR	863.220	1677.480	2073.550
SBP	738.485	1210.198	1513.162
WAT	1106.444	1713.108	2323.741
TOTAL	2708.149	4600.786	5910.453

NEW LINES IN PROGRESS

SECTION	KM.
KHURDA RD. - BALANGIR	196.770
HARIDASPUR - PARADEEP	82.000
ANGUL - SUKINDA RD.	98.763
TALCHER - BIMLAGARH	136.370
JAYPORE - MALKANAGIRI	130.000
JAYPORE - NABARANGPUR	38.000
GUNUPUR - THERUVALI	79.150
TALCHER - ANGUL	14.475

DOUBLING IN PROGRESS

SECTION	KM	SECTION	KM
TITLAGARH - LAKHOLI (EX)	53.991	BHADRAK - NERGUNDI (3rd Line)	81.315
TITLAGARH - SAMBALPUR	76.794	SAMBALPUR - TALCHER	105.824
JAKHAPURA - BANSPANI	43.182	KIRANDUL - JAGDALPUR	87.780
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
		KOTTAVALASA - JAGDALPUR	218.543
KHURDA RD-BARANG (3rd Line)	6.606	BRUNDAMAL - JHARSUGUDA RD. Fly Over	6.600
BAGHUAPAL Fly Over	20.00		

SURVEY IN PROGRESS

3rd Line Between JAROLI - KEONJHARGARH ROAD
3rd Line Between SAMBALPUR - JARAPADA
3rd Line Between NAYAGARH - JAKHAPURA
4th Line Between VIZIANAGARAM - KOTTAVALASA
3rd & 4th Line Between JHARSUGUDA - SAMBALPUR
New Line Between NAYAGARH - BANSAPANI
New Line Between BHAWANIPATNA - KESINGA Via UTKELA
New Line Between TALCHER - GOPALPUR
New Chord Line Between KAIPADAR ROAD - NARAJ - MARTHAPUR By Passing BHUBANESWAR - KHURDA ROAD
Chord Line from TALCHER to ANGUL
Bypass TITLAGARH-RAHENBHATA to SIKRI
Separate Line With Flyover at CUTTACK, Flyover at GOPALPUR PORT, MACHHAPUR, UKR, JAJPUR KEONJHAR ROAD
Flyover Bypassing CUTTACK
Flyover at SAMBALPUR, SAMBALPUR CITY, TITLAGARH
Flyover at SINGAPUR RD. B CABIN & KORAPUT A CABIN
Flyover at VIZIANAGARAM (Updating)

NEW SURVEYS SANCTIONED IN 2020-21

NIL

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	17.630
	(Ex) BDPK - (Ex) TLHD	0.850
	(Ex) JSG - TIG	228.758
	TIG - LAE (Ex)	172.781
	TIG - SPRD (Ex)	124.446
	(Ex) NRG - TLHR	99.760
	(Ex) BRAG - (Ex) RJGR	25.500
	(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 - BHAWANIPATNA	30.250
	BWIP - JNR	24.050
	BLGR - BHPI	14.580
	KUR - PUI	43.190
	KUR - MAHI	77.380
	JKPR - JRLI	164.050
	TOMKA - DTR	8.050
	SKND(Ex) - JJKR(Ex) (BYE PASS LINE)	10.580
	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	2800.109

HDN ROUTE

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

AUTO SECTION

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

DETAILS OF LEVEL CROSSING

DIVISION	MANNED ROUTE B	'D' SPL	D	E	TOTAL	UN-MANNED TOTAL
KHURDA ROAD	165	99	-	56	320	0
SAMBALPUR	-	202	-	12	214	0
WALTAIR	70	91	3	74	238	0
TOTAL	235	392	3	142	772	0

DETAILS OF BRIDGES

DIVISION	IMPORTANT	MAJOR	MINOR	TOTAL
KHURDA ROAD	18	368	3821	4207
SAMBALPUR	13	168	2516	2697
WALTAIR	05	411	4160	4576
TOTAL	36	947	10497	11480

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	17	41	0	0	4	66
WALTAIR	0	1	1	5	11	76	2	12	9	117
TOTAL	0	3	7	10	39	197	2	29	30	317

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	384.947	479.154
ODISHA		1985.911	3227.249	4004.940
TOTAL		2800.109	4692.743	6009.134

DIVISION WISE ROUTE KILOMETERS, RUNNING TRACK KILOMETERS, TRACK KILOMETERS

DIVISION	COLOUR	ROUTE KILOMETER	RUNNING TRACK KILOMETER	TRACK KILOMETER
KHURDA ROAD		940.600	1754.857	2161.600
SAMBALPUR		753.065	1224.778	1541.853
WALTAIR		1106.444	1713.108	2305.681
TOTAL		2800.109	4692.743	6009.134

(S. K. Acharya)
DY. CHIEF ENGINEER (Plg.)

(S. K. Maurya)
CHIEF PLANNING & DESIGN ENGINEER

Drawn BY : (Saroj Das, SSE/Drg.)

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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)