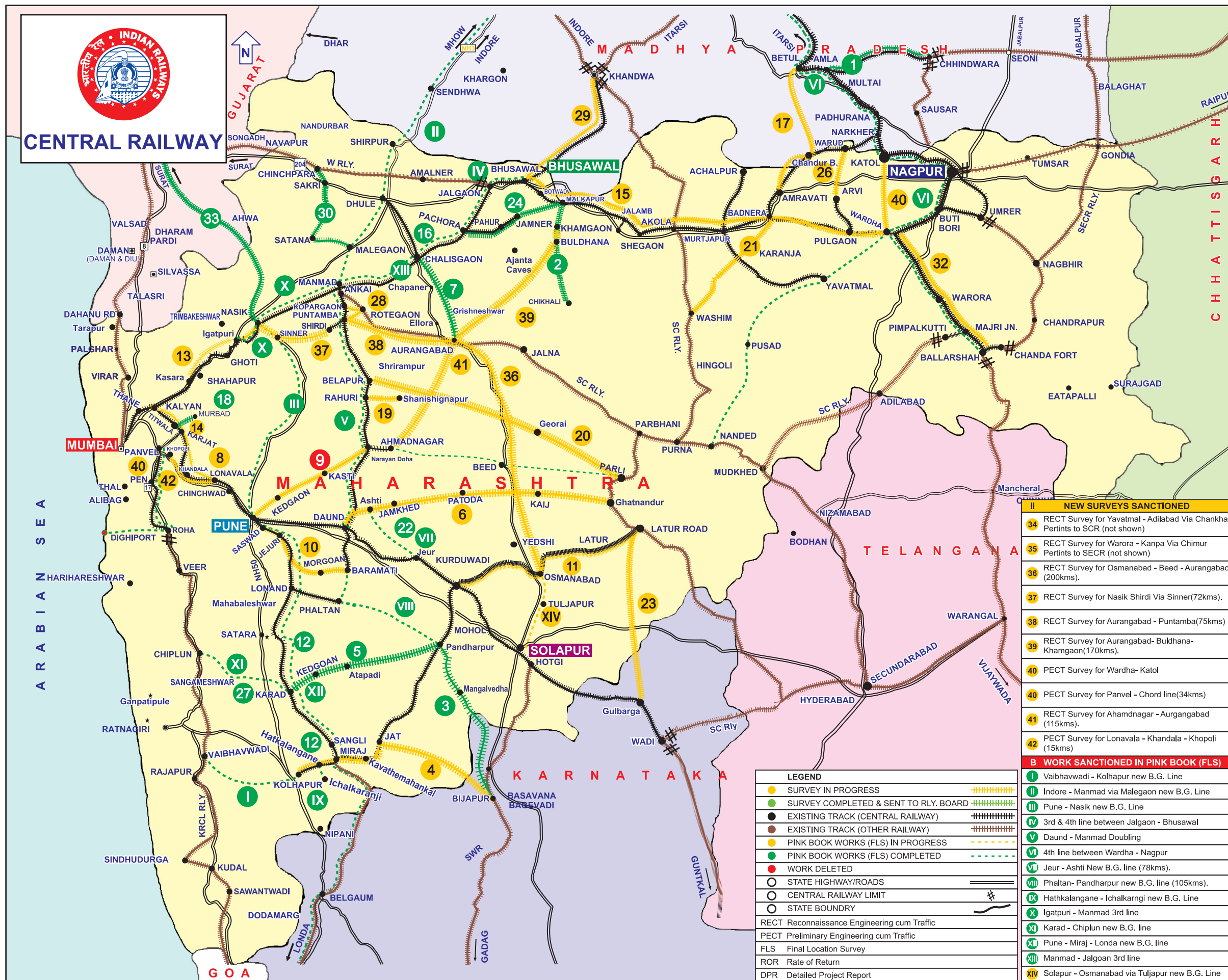




CENTRAL RAILWAY



**LEGEND**

- SURVEY IN PROGRESS
- SURVEY COMPLETED & SENT TO RLY. BOARD
- EXISTING TRACK (CENTRAL RAILWAY)
- EXISTING TRACK (OTHER RAILWAY)
- PINK BOOK WORKS (FLS) IN PROGRESS
- PINK BOOK WORKS (FLS) COMPLETED
- WORK DELETED
- STATE HIGHWAY/ROADS
- CENTRAL RAILWAY LIMIT
- STATE BOUNDARY

RECT Reconnaissance Engineering cum Traffic  
 PECT Preliminary Engineering cum Traffic  
 FLS Final Location Survey  
 ROR Rate of Return  
 DPR Detailed Project Report

**NEW SURVEYS SANCTIONED**

- RECT Survey for Yavatmal - Adilabad Via Chankha Pertints to SCR (not shown)
- RECT Survey for Warora - Kampa Via Chimur Pertints to SECR (not shown)
- RECT Survey for Osmanabad - Beed - Aurangabad (200kms).
- RECT Survey for Nasik Shirdi Via Sinner(72kms).
- RECT Survey for Aurangabad - Puntamba(75kms)
- RECT Survey for Aurangabad- Buldhana- Khamgaon(170kms).
- PECT Survey for Wardha- Katol
- PECT Survey for Panvel - Chord line(34kms)
- RECT Survey for Ahamdnagar - Aurgangabad (115kms).
- PECT Survey for Lonavala - Khandala - Khopoli (15kms)

**B WORK SANCTIONED IN PINK BOOK (FLS)**

- Vaibhavwadi - Kolhapur new B.G. Line
- Indore - Manmad via Malegaon new B.G. Line
- Pune - Nasik new B.G. Line
- 3rd & 4th line between Jalgaon - Bhusawal
- Daund - Manmad Doubling
- 4th line between Wardha - Nagpur
- Jeur - Ashti New B.G. line (78kms).
- Phaltan- Pandharpur new B.G. line (105kms).
- Hathkalangane - Ichalkarnji new B.G. Line
- Igatpuri - Manmad 3rd line
- Karad - Chiplun new B.G. line
- Pune - Miraj - Londa new B.G. line
- Manmad - Jalgaon 3rd line
- Solapur - Osmanabad via Tuljapur new B.G. Line

**A: SURVEYS APPEARING IN BLUE BOOK 2018 - 19**

**Blue Book I OLD SURVEYS**

- PECT Survey for Amla-Chinchwada (115kms) submitted on 25.03.2015 / cost of Rs. 1013.52 cr./ROR(+0.12%.
- RECT Survey for Malkapur - Chikhali (100kms) submitted on 30.10.2017/cost of Rs. 1796.74cr./ROR(-)2.89%.Project Shelved by Board on 11.01.2018
- RECT Survey for Pandharpur-Bijapur (Vijayapur) (108.24 kms.) Submitted on 31.05.2018 / cost of Rs. 1294.69 cr./ROR(-)2.39%
- RECT Survey for Miraj Kavathemahankal-Jath-Bijapur (122kms)
- RECT Survey for Karad - Pandharpur (154kms). Submitted on 05.06.2018 / cost of Rs. 2396.49 cr./ROR(-)2.29%.
- RECT Survey for Ghatnandur - Srigonda Road / Daund via Kaij, Patoda & Jamkhed (230kms)
- RECT Survey for Aurangabad - Chalisgaon (93.0kms) Submitted 06.03.2018 cost of Rs. 1689.51 cr./ROR(-)2.23% Project Shelved by Board on 25.04.2018.
- PECT Survey for Karjat - Lonavala 4th line (28kms) M/s. RITES
- RECT Survey for Pune - Ahmednagar via Kedgaon Kasti. Survey work deleted by Railway Board.
- RECT Survey for Pune - Baramati via Saswad, Jejuri, Moregaon (50kms)
- PECT Survey for Doubling between Latur Road- Kurduwadi via Latur, Usmanabad (186kms)
- PECT Survey for Pune -Miraj -Kolhapur. Pune-Miraj Doubling DPR Submitted to Railway Board work sanctioned. (Miraj-Kolhapur survey balance)
- PECT Survey for Kasara- Igatpuri 4th line(16kms) M/s. RITES
- PECT Survey for Kalyan- Karjat 3rd line(46kms) 3rd & 4th line upto Badlapur with MRVC Consultancy.
- PECT Survey for Bhusawal- Badnera-Wardha 3rd line (314kms)
- FLS between Igatpuri & Bhusawal 3rd line Manmad-Jalgaon DPR submitted on 18.10.2016 cost of Rs. 1035.16cr./ROR(+20.31%. Jalgaon, Bhusawal 4th line DPR submitted on 15.09.2016 cost of Rs. 261.31cr./ROR(+14.04%.IGP-MMR 3rd line survey in progress.
- RECT Survey for Betul Chandur bazar- Amravati(75kms).
- RECT Survey for Titwala - Murbad (23kms). submitted on 14.02.2018 / cost of Rs. 716.39cr./ROR(-)1.22%.Project Shelved by Board on 25.04.2018.
- RECT Survey for Rahuri-Shanishingnapur(25kms).
- RECT Survey for Shirampur-Newasa-Shevgaon-Georai-Parli (230kms).
- RECT Survey for Narkhed -Washim (232kms).
- RECT Survey for Jeur-Asthi DPR submitted in July 2018 at cost of Rs. 1101.39 Cr./ROR (-) 2.04%. Work sanctioned.
- RECT Survey for Gulberga-Latur(148kms).
- PECT Survey for G.C. between Pachora and Jamner and extention upto Malkapur (84kms).Report submitted on 09.10.2017 cost of Rs. 849.68cr./ROR(-)1.82% Project Shelved by Board on 27.12.2017.
- RECT Survey for Sawantwadi - Redi fort(20kms) pertains to KRCL (Not Shown)
- RECT Survey for Warud - Arvi (Pulgaon)(60kms).M/s. RITES
- Updating Survey for Karad - Chiplun. work sanctioned. DPR submitted on 28.02.2018 cost of Rs. 3312.51cr./ROR(-)2.12%
- RECT Survey for Roteagaon - Kopargaon(22kms). M/s. RITES
- PECT Survey for Bhusawal - Khandwa 3rd & 4th line(123kms). M/s. RITES
- RECT Survey for Malegaon-Satana-Sakri-Chinchpara(100kms). Report submitted on 05.02.2018 cost 2811.29cr./ROR(-)3.59%. project Shelved by Board on 25.04.2018
- RECT Survey for Karkheli - Narsi pertains to SCR (Not Shown)
- PECT Survey for Wardha - Balharshah 4th line (135kms). M/s. RITES. Work sanctioned.
- RECT Survey for Nasik - Surat(240.50kms).Report submitted on 30.11.2017cost of Rs. 3637.23cr./ROR(-)4.02% Project shelved by Board by on 25.04.2018.

**CENTRAL RAILWAY SURVEY MAP**  
NOT TO SCALE  
CAO (C)'s OFFICE, CSTM, MUMBAI

PREPARED BY	CHECKED BY	Secy. to CAO(C)	Chief Engineer (Constn.) South
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SSE/D/D	XEN (C) Design		