

## Achievements for the Year 2020-21

1. Yeola-Ankai (15.13 KM) section part of Daund-Manmad project CRS inspection done on 14.09.2020 & section commissioned on 14.09.2020.
2. Daundaj-Valha section (8.52 Km double line) part of Pune - Miraj - Londa Doubling project - CRS inspection done on 22.10.2020 & section commissioned on 03.11.2020.
3. Alandi - Shindawane section (8.45 km) part of Pune - Miraj - Londa Doubling project of CRS/CC inspection done on 26.12.2020 & commissioned on same day 26.12.2020.
4. Sindi- Butibori section (19.00) part of Wardha - Nagpur 4th line completed and CRS/CC inspection done on 27th Dec 2020 and authorized the opening of the Section at the speed 100kmph. Section was commissioned on 01.01.2021.
5. Teegaon - Chichonda (17 km) 3rd line Ghat section construction of 3rd line was also challenging due to Ghat section & difficult terrain, however, with all the efforts, work was completed and CRS/CC inspected this section on 28.12.2020 and authorized the opening of the section at the sectional speed of 65kmph on Up direction and 75Kmph on Dn direction. Section was commissioned on 07.01.2021.

### ❖ ROBs / RUBs & FOBs

6. Launching of all the girders of Mahekari Bridge on Ahmednagar – Beed – Parli new line has been done with the help of 500 T and 400 T crane capacities during lockdown period. This section is a difficult terrain to work, which provides connectivity between Ahmednagar and Beed district. This bridge is having 15 spans with each span of length 30.5M. The height of the bridge is 32M.
7. Construction of Rail Fly Over of 30.5 mts span (open web girder) on Jalgaon-Bhusawal section in connection with JL-BSL 3rd line was completed on 02.06.2020. The alignment of 3rd line flies over the existing UP & DN lines of Bhusawal-Jalgaon section between Bhadli-Jalgaon stations. Thus, it will eliminate criss-cross movements in Major yards of Jalgaon and Bhusawal thereby improving the overall operational efficiency of the section.
8. Launching of Girders of Shivajinagar ROB in connection with JL-BSL 4th line completed on 05/11/2020 & 06/11/2020. The railway span comprises 1 x 36m (5 Nos.) composite girders. The launching of girders was carried out in 2.00/2.30 Hrs. Traffic & Power block. One Crane of 700 Mt capacity was deployed and a crane of the same capacity was kept standby. The weight of twin assembled girders of 36m span was 75MT and launching was carried out with a maximum radius of 14m and boom length of crane was kept as 25.5m.
9. ROB at KOPRI Thane (Deposit Work) 7 girders launched on 23/24 & 24/25 Jan'21.  
For launching of these 7 girders following machines have been deployed (these girders are 63m by 3.2 height and 110MT Weight).
  - i) 1200MT crane (for the first time in Indian Railways Thane end).
  - ii) 700MT crane (KYN end)
  - iii) 500MT (stand by).
  - iv) 57M long trailer with 20 axles and 160 tyres with two 560MT capacity.

10. 8 nos. girders launched for Sion FOB on 23 / 24 Jan'21.
11. KALYAN ROB (Shahad) in lieu of LC no. 47-B. Kms 57/16-58/1. KYN-IGP sec. BB Divn. was commissioned on 28.03.2021 and LC has been closed.

❖ **Other MISC work**

12. Yard remodelling of Hotgi was completed in Jul'20. Now newly commissioned Hotgi- Gadak doubling can be fully utilised to its full capacity.
13. Wadi bunder yard in connection with 4 maintenance Pit lines (IOH shed) commissioned on 31.07.2020.
14. Bhadli yard remodeling completed on 05/11/2020 in connection for providing 3rd line in Jalgaon - Bhusawal section. The work was carried out successfully with commissioning of NI with 104 routes. The work involves dismantling of existing 23 nos. turnouts and Insertion of new 27 turnouts with track linking of 6Km including slewing and Realignment of existing track of length of 1Km. The work was carried out continuously for 48 days in phases by operating 3 DCNs.
15. Taloja Panchanand yard remodeling in connection with WDFC work commissioned on 20.3.2021.
16. Respacing of 7 automatic signals in Belapur- Kharghar section commissioned on 30.08.2020 in connection with commissioning of seawood TSS.
17. Yard remodeling at Godhani in connection with chord line commissioned on 17.12.2020.
18. Shifting of LC 108, 109 & 110 in Takari- Kriloskarwadi section completed on 06.20.2021.
19. Closing of LC-10 at Taloja Panchanand station completed on 20.03.2021.