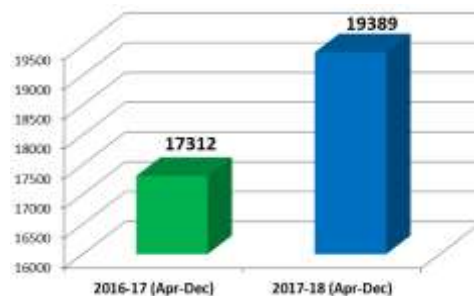


System improvement and good work done

- **Control in embedded empty wagons:**

- For Apr to Dec 2017, total 19389 (76%) rejected wagons were attended on load at various sidings and made fit for loading.
- This has resulted in additional incremental loading and additional revenue generation of approx. Rs.116.33 crores without incurring much cost.



- **Pre-detection of hot axles:**

- All TXR points are having laser type non-contact thermometers (Total 25 nos.) for detecting axle box temperature as well as hydraulic jacks, pullers and other equipments for attending defects on the load.
- In the course of rolling in examinations and axle box feeling at Ajni, Amla and Balharshah, total 9 cases (Apr to Dec) were detected timely and thus, major unusuals/accidents were averted.
- No accident attributable to C&W defects in the division in the year 2017-18 till date.



- **Expediting installation of Mechanized Laundry**

BOOT laundry of 8Ton/day capacity proposed. LOA issued on 08.05.2017. Land licensing agreement signed and notarized on 17.10.2017.

Work started on site from 04.01.2018. Target month for installation: March 2018.



- **Start of IOH in Coach Care Complex, Ajni**

First IOH was carried out in Coach Care Complex, Ajni on 16.11.2017. Coach Care Complex, Ajni is functioning since 2012. IOH Shed in the depot could not be commissioned due to non-availability of approach road for the depot. New approach road has been constructed under DWP and the first IOH in the depot was carried out successfully. DRM/NGP inaugurated the first IOH in the depot.



- **Infrastructure facilities for ART Ajni & Stabling Facilities for 140 T Crane (For examination & covered shed of 140 t crane):** work has been started and civil work nearly 45 % completed. The work involves increasing depth of pit at line no. 2 from 650 mm to 1050 mm with suitable pit lighting arrangement, Provision of Concrete pathway of 185 x 1.5 mts with suitable lighting arrangement, Renovation of existing 03 room, Watering arrangement for ART coaches, Proper drainage system for pit lines, Provision of additional turnout with provision of Non OHE track with propping base beside Diesel Shed and Concrete pathway for 140t Crane Left and Right side 56 x 3 mts at practice zone.



- The work of **Provision of Concrete shed with rolling shutter for ARR** near Diesel shed at Ajni has sanctioned in DWP 2016-17 at a cost of Rs. 10.08 Laks for accommodation of Accident Relief Road Vehicle (ARRV). The civil construction work is almost completed. Tender for electrical work has opened on 03.10.2017 and TCP is under progress.



• **Highest Ever Sick wagons attended:**

Due to increased examination in Ajni yard, sick marking of wagons increased substantially.








However, by effective utilization of assets & manpower, 142 wagons were repaired and made fit for traffic in the month of July 2017. This is the highest ever sick wagons attended by the depot. **This is the highest ever sick wagons attended by the depot from FY 2013-14 to till date.**



• **Improvement in coaching maintenance depot condition:**

Various works has been started for improvement in infrastructure of C&W maintenance depots as given below:

- 1) For improvement of pit lines, division is carrying out repairs of cat walk, construction of pit line retention wall, concreting of pathways and repairs to C&W office rooms at Coaching Depot, NGP. Work under progress.
- 2) No coach watering hydrants available in NGP maintenance siding. Contract for installation of same awarded under revenue. Expected to be completed in approx. 2 months.
- 3) Electric (General) Department of the division has proposed the work of improvement of illumination of coaching depot of Nagpur and Ajni, by providing LED lights, at a cost of Rs. 20 Lakhs and Rs. 25 Lakhs respectively, in provision of 1% for Environmental related works in the estimates of works.

Before	After	Remark
		Permanent dust bin with different sections is provided for easy collection and segregation of garbage.
		Construction of drainage to prevent entering of water into Pit line
		Construction of retention wall to prevent fallen of soil into Pit line
		Unnecessary obstructions have been removed besides pit line for pathway

- **Start of SS1 of LHB coaches in IOH shed, Coach Care Complex, Ajni.**

As per guidelines of HQs on the issue, division has planned to start the SS1 schedule of LHB coaches in division itself. To facilitate same, dummy trolley were arranged for LTT depot. The due SS1 Coach No. CR 15925 LWACCN was placed on these dummy trollies on 01.01.2018 and the trollies of the coach were sent to Parel Workshop for overhaul. Overhauled trollies were received ex Parel on 07.01.2018 and the first SS1 schedule of LHB coach carried out on Wednesday 10.01.2018.



The Coach placed on dummy trolleys workshop

Overhauled trollies received from Parel

- **Ferrule joint modification:**

The work of ferrule joint modification in total 63 coaches (LHB and hybrid coach) was awarded to M/s S.R. Enterprises, Nerul, Mumbai for a cost of Rs. 11,41,623/-. The work started on 14th December 2017 and till date, the joints were modified in 16 coaches. Remaining work is under progress. PDC: 20.05.2018. (6 months)



Modification in steps: Hole cutting by Magnetic drilling M/c, Metal Pipe and air hose fitment

- Following Environment Related Works pertain to Mechanical (ERWs) are sanctioned in 17-18

Sr. No.	Name of Work	Executing Department	Estimated Cost	Fund Provision
1	Improvement of illumination in Washing pit at Nagpur by providing 110 V LED fittings and general illumination of catwalk.	Electrical(G)	2000.00	2035.906
2	Improvement of illumination in Washing pit at Ajni by providing 110 V LED fittings in place of 24 V CFL and general illumination of pathway.	Electrical(G)	2500.00	2642.765
3	Rehabilitation & Improvement in illumination for rolling examination by providing LED fittings at various stations on Nagpur Division.	Electrical(G)	1000.00	1054.132
4	Augmentation of Train Watering System at BPQ.	Engineering	4000.00	4034.021
Total Nos. sanctioned ERWs			8	
Total fund available under 1% for ERWs in the Estimates for works.			30036.254	
Total fund utilized for sanctioning above 8 ERWs			28124.771	
Balance fund available			1911.483	