

1.0 ANNUAL PERFORMANCE REPORT FOR THE YEAR 2020-21 :

1.1 Highest ever achievement During the year.

During the year 2020-21, highest ever progress in comparison to the last 5 years has been recorded for the following items.

Item of work	Total progress during 2020-21	Previous best total progress
Complete Track Renewal (CTRUnits)	465.37	456.737 (2019-20)
Through Sleeper Renewal (Primary) (Km)	192.062	191.572 (2018-19)
Through Sleeper Reewal (Secondary) (Km)	19.241	7.757 (2019-20)
Deep screening of plain track (km)	645.888	498.027 (2019-20)
Shoulder Ballast cleaning (km)	633.561	628.929 (2018-19)
Renewal of channel sleeper (No)	4435	4119 (2018-19)
De-stressing of LWR/CWR (Km)	1681.823	1146.14 (2019-20)
Toe load measurement (Km)	1397.93	1091.5 (2019-20)
Removal/Relaxation of PSR (Nos)	24	18 (2018-19)
Scrap Offered (MT)	65582.48	62972.67 (2019-20)
Rebuilding/Rehabilitation of bridges (No of Br)	123	105 (2019-20)
Output of BCM (Km)	459.45	320.76 (2017-18)
Tamping of Track (km)	7640.12	6182.52 (2016-17)
Output of FRM (km)	343.61	249.7 (2019-20)
Reduction of breakdown of Track Machines (Nos)	65	96 (2019-20)
Track monitoring by OMS-2000 (km)	66541	43165 (2019-20)

1.2 Highest ever achievement in a month in the last 5 years

During the year 2020-21 highest ever progress during a month in comparison to any month in the last 5 years has been recorded for the following items.

Item of work	Achieved during 2020-21	Previous best
Sleeper Renewal (S) (Km)	6.23 (Dec'20)	3.77 (Feb'20)
Deep screening of plain track (km)	71.516 (Jan'21)	65.153 9Oct'16)
Sealing of liner contact area (km)	331.301 (Dec'20)	271.5 (Jan'18)
Destressing of LWR/CWR (km)	379.679 (Dec'20)	242.49 (Nov'19)
Anti corrosive Painting of rails (km)	221.271 (Oct'20)	219.955 (Feb'18)
Toe load measurement (km)	259.59 (Jan'21)	207.7 (Jan'18)
Removal/relaxation of PSR (No)	7 (Jul'20)	5 (Feb'19)
Rebuilding/Rehabilitation of bridges (No of Br)	26 (May'20)	24 (May'19)
Production of PSC sleepers	99572 (Dec'20)	83217 (Oct'18)
Output of BCM (km)	54.51 (Jul'20)	44.43 (Oct'17)

Item of work	Achieved during 2020-21	Previous best
Tamping of Track (km)	826.88 (Jul'20)	669.11 (Nov'17)
Output of FRM (km)	53.96 (May'20)	31.05 (Feb'20)
Track monitoring by OMS-2000 (km)	13085 (Apr'20)	4869 (Jan'20)

1.3 Target vs Progress

This Railway has surpassed / achieved the Rly. Board's targets for almost all important items (except progress on very few items) which are as under :-

	ITEM	Target for 2020-21	Progress 2020-21	Progress achieved
i.	CTR (P+S) in CTRU	449	465.37	104%
ii.	TRR (P) (Kms)	650	678.77	104%
iii.	TSR(P) (Kms)	230	192.06	84% *
iv.	TRR(S) (Kms)	23	40.66	339%
v.	TSR(S) (Kms)	6	19.24	321%
vi.	Deep screening of plain track (Kms)	580	645.89	111%
vii.	Deep Screening of Turnouts (Nos)	560	707	126%
viii.	Shoulder ballast Cleaning (Kms)	396	633.56	160%
ix.	Ballast Supply (Th.Cum)	600	570.08	95%
x.	TTR (weighted avg sets)	485	335.5	69% **
xi.	TWS (Nos)	778	191	25% **
xii.	Rectification of defective layouts (No of Yds)	21	23	110%
xiii.	Disposal of scrap (MT)	55000	65582.5	119%
xiv.	USFD testing (Km)	23221	24041	104%
xv.	Anti corrosive painting of rails (kms)	1020	1462.75	143%
xvi.	Greasing of ERC (km)	2000	2422.56	121%
xvii.	Sealing of liner contact area (km)	810	1213.15	150%
xviii.	Toe load measurement (km)	1000	1397.93	140%
xix.	Destressing (Kms)	750	1681.82	224%
xx.	Removal/relaxation of PSR (No)	21	24	114%
xxi.	OMS-2000 recording (kms)	40920	66541	163%
xxii.	Output of BCM plain track (kms)	334	409.75	123%
xxiii.	Tie tamping (kms)	7486	7640.12	102%
xxiv.	Output of FRM (kms)	330	343.61	104%
xxv.	Output of DGS (kms)	2004	2409.97	120%
xxvi.	Output of UTV (Nos)	64997	90813	140%

* Considering 25% cut in BG, Target was revised by Rly Bd from 260 to 150 Km in Jul'20 and work planned accordingly against which the progress is **128%**. On 19.01.21 target revised to 230 Km. for which procurement of Track fittings could not be planned.

** Considering 25% cut in BG, Target revised by Rly Bd from 485 to 298 in Jul'20 and material procurement was taken up accordingly against which progress is **113%**. Target was restored to 485 on 19.01.21. Work planned for 200 sets of TWS keeping in view 25 % reduction on BG.

1.4 Track Maintenance during Covid-19 lockdown period :

During lockdown period, essential track maintenance works were done by deploying the track machines and trackmen duly making necessary arrangements towards the hygiene of P. way & other maintenance staff by providing Sanitizers / Soaps , masks and gloves etc & maintaining social distance, thereby proper attention was given to track for safe running of trains carrying essential commodities.

The health of the track was monitored by intensifying more and more numbers of inspections and by OMS run (26495 Km). Sanitisation of colonies & Counselling of staff as well as their family members were also done. Quality of water supply was ensured by conducting routine test. At different colonies / Hospitals quarantine beds were also provided by suitable modification / partition to the buildings

1.5 Seminars, Training & Safety :

i) Safety Seminars

164 nos of safety seminars were organised during the year at different stations of the Railway to sensitize staffs at grass root level regarding safe working.

ii) Refresher course & PME

1850 nos of staff have undergone refresher course & 696 nos of staff were sent for Periodical Medical Examination during the year.

iii) Reduction of Rail failures :

A reduction of 64% in Rail fractures/weld failures was achieved during the year (112 nos during 20-21 against 308 nos during the last year) against a target of 5% reduction in MOU between Railway Bd & ECoR.

iv) Reduction in defects in new AT welds:

Percentage defects of new AT welds in ECoR has reduced to 3% during the year 2020-21 from 5% during 2019-20.

1.6 Level Crossings:

i) Closure of Manned LCs:

30 manned level crossings were eliminated during the year.

ii) Limited Height Subways:

29 limited height subways have been constructed during the year.

iii) Upgradation of LCs:

35 nos. of manned LCs were upgraded from lower class to higher class during the year.

iv) Cost sharing ROBs

East Coast Railway succeeded in getting the consent from State Government of Odisha for sharing of cost for 68 ROBs in lieu of elimination of level crossings on GQ route, reducing the requirement of Railway funding by more than Rs. 2100 crores.

v) MOU with PSUs for construction of ROB

Signed Memorandum of Understanding (MoU) with TCIL and EPIL on 17.11.2020 and 24.11.2020 respectively for construction of 13 ROBs, well ahead of other Zonal Railways.

1.7 Line capacity enhancement – Engg Time saving.

Saving of Engg. running time of **79.25 minutes**, achieved on account of following:-

i) Increase in Sectional speed

The Sectional speed has been raised in **18 sections** for a track length of 207.257 Tkm and their by saving in running time is **23.16 minutes**.

ii) Removal/Relaxation of Permanent speed restrictions:

24 Nos. of Permanent speed restrictions (6 in 'B' route) have been removed/relaxed during the year against annual target of **21 nos (114%)**. This has resulted in savings of **29.09 minutes** of running time.

iii) 30 kmph on turnouts:

Speed on loop lines has been increased from **15 kmph to 30 kmph** at **9 stations** for **133.586 route Kms** thereby saving the running time of trains by **27 minutes**.

1.8 Passenger Amenities & Staff Amenities :

i) Provision of FOBs:

Additional foot over bridges / extension of FOBs have been provided at **28** different stations during the year.

ii) Additional Platform Sheds:

Additional platform sheds have been provided in **25** different stations during the year.

iii) Improvement to Waiting Halls at stations:

Waiting halls have been improved at **26** different stations during the year.

iv) Improvement to Circulating Area at stations:

Circulating areas have been improved at **24** different stations during the year.

v) Provision of additional benches on platforms:

1933 numbers of additional benches have been provided at different stations during the year.

vi) Provision of Toilet for Divyanga passengers:

47 nos of new toilets for Divyanga passengers were provided at different stations during the year.

vii) Concreting of PF surfaces:

Concreting of PF surfaces were done at 37 nos of platforms at different stations during the year.

viii) Construction of Staff Quarters :

82 nos (Ty-II : 78 & Ty-III: 04) of staff quarters has been constructed at different stations during the year.

ix) Raising of platforms:

Raising of Platforms to High level has been done at 27 stations during the year.

x) Water Audit:

Water audit at 8 major consumption stations has been done during the year.

xi) Monumental National flag post:

Monumental high mast Indian national flag posts have been provided at 23 nos. of stations during the year.

1.9 Important Safety Measures

13 seminars were conducted during the month on “Summer Precautions & Hot weather patrolling” (11 nos) “Measurement of SEJ & Curves” (1 no) and “Safety of track” (1 no) at different locations of the Railway.

2.0 Status of Implementation of GPS Trackers :

GPS trackers have been provided to all 1276 (KUR-548, SBP-267 & WAT-461) patrolmen & keymen on ECoR.

2.1 Identification and execution of Railway works under MGNREGS:

As per directives of Railway Board, ECOR has identified 73 nos. of works to be executed under MGNREGS. Out of 73 nos. of works, 02 works have started in Srikakulam District of Andhra Pradesh. After pursuing the matter with Govt. of Odisha (Principal Secy. Panchayatraj & Drinking Water), necessary directives have been issued by the State Govt. (similar to Govt. of AP) to all Collectors, Project Director, DRDAs for taking up the identified Railway works under MGNREGS. Divisional officials are chasing the matter with concerned State authorities for sanction and execution of works.