

Progress and Targets of Railway Board Important Track Items (Railway Board Target)

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto July'21	Annual Target	Planned target upto Aug'22	Progress upto August'22	% age progress w.r.t Planned Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	585.00	194.77	770.00	285.00	321.98	113%	165%
TSR(P)	Km	200.00	87.88	250.00	100.00	160.58	161%	183%
CTR(P)	CTR	392.50	141.32	510.00	192.50	241.28	125%	171%
TRR(S)	Tkm	75.00	30.55	100.00	33.00	37.83	115%	124%
TSR(S)	Km	75.00	10.28	100.00	33.00	11.44	35%	111%
CTR(S)	CTR	75.00	20.41	100.00	33.00	24.64	75%	121%
CTR(P+S)	CTR	467.50	161.74	610.00	225.50	265.91	118%	164%
Turn-outs Renewal	Eq. Nos.	689.00	214.25	775.00	235.25	262.25	111%	122%
Thick Web Switches	Nos.	700	140	700	220.00	236	107%	169%
WCMS	Nos.	489	0.00	500	115.00	20	17%	-
TFR	Km	830.00	227.22	800.00	230.00	229.16	100%	101%
Channel Sleepers Replacement	Nos.	6000	1705.00	7000	2625.00	2643	101%	155%
TWR	Km	70.00	16.19	50.00	15.00	31.56	210%	195%
Deep Screening of Plain Track	Km	800.00	238.46	700.00	260.00	402.30	123%	167%
Deep Screening of Turn-Outs	Nos.	600	160.00	600	232.00	270.10	110%	116%
Shoulder Ballast Cleaning	Km	1200.00	403	1431.00	590.00	722.58	155%	169%
Rectification of Defective Lay-Outs	Nos.	45	12.00	50	12.00	6.00	116%	169%
Scrap Disposal	MT	64000	16259	60000	18000.00	11949.00	122%	179%

Track renewal- During last three years

Engg

Item	Unit	2019-20			2020-21			2021-22		
		Target	Progress	% Progress w.r.t annual target	Target	Progress	% Progress w.r.t annual target	Target	Progress	% Progress w.r.t. Annual target
TRR(P)	Tkm	750	755	101%	750	812	108%	585	590	101%
TSR(P)	Km	350	291	83%	334	271	81%	200	284	142%
TRR(S)	Tkm	175	129	74%	25	74	296%	75	113	151%
TSR(S)	Km	115	87	75%	25	36	145%	75	65	87%
CTR(P+S)	CTR	695	631	91%	567	597	105%	468	526	113%
Deep Screening of Plain Track	Eq. No.	730	758	104%	660	710	108%	800	841	105%
Deep Screening of Turn-Outs	Nos.	851	869	102%	600	670	112%	600	759	126%

Rail/weld fractures last three years

Divn.	Three Year Comparison										
	2019-20 Up to March 2020			2020-21 Up to March 2021				2021-22 Up to March 2022			
	RF	WF	Total	RF	WF	Total	%age increase /decrease over 2019-20	RF	WF	Total	%age increase /decrease over 2020-21
N.Rly	559	389	948	378	187	565	-40%	210	155	365	-35%

Comparison for five months (Apr to Aug)

Divn.	Five Months Comparison														
	2019-20 Up to Aug. 2019			2020-21 Up to Aug. 2020			2021-22 Up to Aug. 2021			2022-23 Up to Aug. 2022			%age increase/ decrease (2022-23) over 2019-20 up to Aug.	%age increase/ decrease (2022-23) over 2020-21 up to Aug.	%age increase/ decrease (2022-23) over 2021-22 up to Aug.
	RF	WF	Total	RF	WF	Total	RF	WF	Total	RF	WF	Total			
N.Rly	140	62	202	58	16	74	73	25	98	28	14	42	-79%	-43%	-57%

Progress and Targets Of Important Track Items (FZR Divn)

Engg.

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto Aug'21	Annual Target	Prop. Target	Progress upto Aug'22	% age progress w.r.t Prop. Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	106.82	11.40	175.00	72.92	45.08	62%	395%
TSR(P)	Km	79.00	9.90	100.00	41.67	34.02	82%	344%
CTR (P)	CTR	92.91	10.65	137.50	57.29	39.55	69%	371%
TRR(S)	Tkm	29.00	7.53	52.00	21.67	12.77	59%	170%
TSR(S)	Km	25.00	6.53	45.00	18.75	4.79	26%	73%
CTR (S)	CTR	27.00	7.03	48.50	20.21	8.78	43%	125%
CTR (P+S)	CTR	119.91	17.68	186.00	77.50	48.32	62%	273%
Turn-outs Renewal	Eq. Nos.	144.00	54.00	200.00	83.33	54.50	65%	101%
Thick Web Switches	Nos.	30.00	9.00	140.00	58.33	16.00	27%	178%
WCMS	Nos.	20.00	0.00	70.00	29.17	0.00	0%	-
Through Fitting Renewal	Km	250.00	35.40	240.00	100.00	39.66	40%	112%
Channel Sleepers Replacement	Nos.	2323.00	0.00	4281.00	1783.75	232.00	13%	-
Th. Weld Renewal	Km	29.17	8.78	45.00	18.75	24.74	132%	282%
Deep Screening of Plain Track	Km	170.00	25.98	180.00	75.00	58.37	78%	225%
Deep Screening of Turn-Outs	Nos.	171.00	51.00	180.00	75.00	59.00	79%	116%
Shoulder Ballast Cleaning	Km	300.00	139.30	300.00	125.00	94.81	76%	68%
Rectification of Defective Lay-Outs	Nos.	20.00	4.00	10.00	4.17	1.00	24%	25%
Scrap Disposal	MT	10000.00	4284.00	16000.00	6666.67	1551.00	23%	36%

Progress and Targets Of Important Track Items (UMB Divn)

Engg.

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto Aug'21	Annual Target	Prop. Target	Progress upto Aug'22	% age progress w.r.t Prop. Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	59.00	20.46	70.00	29.17	34.82	119%	170%
TSR(P)	Km	41.00	18.29	80.00	33.33	19.75	59%	108%
CTR (P)	CTR	50.00	19.38	75.00	31.25	27.29	87%	141%
TRR(S)	Tkm	13.00	2.51	26.00	10.83	2.04	19%	81%
TSR(S)	Km	5.15	0.63	20.00	8.33	0.38	5%	60%
CTR (S)	CTR	9.08	1.57	23.00	9.58	1.21	13%	77%
CTR (P+S)	CTR	59.08	20.95	98.00	40.83	28.49	70%	136%
Turn-outs Renewal	Eq. Nos.	99.00	56.75	180.00	75.00	61.50	82%	108%
Thick Web Switches	Nos.	150.00	36.00	180.00	75.00	99.00	132%	275%
WCMS	Nos.	32.00	0.00	60.00	25.00	0.00	0%	-
Through Fitting Renewal	Km	200.00	156.15	215.00	215.00	72.99	34%	47%
Channel Sleepers Replacement	Nos.	2485.00	0.00	5480.00	5480.00	0.00	0%	-
Th. Weld Renewal	Km	29.60	7.41	2.50	2.50	6.63	265%	89%
Deep Screening of Plain Track	Km	182.00	52.87	175.00	175.00	64.71	37%	122%
Deep Screening of Turn-Outs	Nos.	150.00	62.10	130.00	130.00	47.60	37%	77%
Shoulder Ballast Cleaning	Km	250.00	73.65	350.00	350.00	98.37	28%	134%
Rectification of Defective Lay-Outs	Nos.	14.00	6.00	12.00	12.00	1.00	8%	17%
Scrap Disposal	MT	10000.00	2503.00	7500.00	7500.00	901.00	12%	36% 5

Progress and Targets Of Important Track Items (DLI Divn)

Engg.

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto Aug'21	Annual Target	Prop. Target	Progress upto Aug'22	% age progress w.r.t Prop. Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	175.00	36.11	340.00	141.67	96.06	68%	266%
TSR(P)	Km	74.00	5.44	115.00	47.92	27.69	58%	509%
CTR (P)	CTR	124.50	20.78	227.50	94.79	61.87	65%	298%
TRR(S)	Tkm	7.00	2.40	20.00	8.33	9.13	110%	380%
TSR(S)	Km	2.00	1.31	10.00	4.17	3.40	82%	260%
CTR (S)	CTR	4.50	1.86	15.00	6.25	6.27	100%	338%
CTR (P+S)	CTR	129.00	22.63	242.50	101.04	68.14	67%	301%
Turn-outs Renewal	Eq. Nos.	185.00	23.50	220.00	91.67	49.25	54%	210%
Thick Web Switches	Nos.	200.00	43.00	225.00	93.75	26.00	28%	60%
WCMS	Nos.	50.00	0.00	200.00	83.33	21.00	25%	-
Through Fitting Renewal	Km	208.00	0.00	115.00	47.92	50.00	104%	-
Channel Sleepers Replacement	Nos.	0.00	0.00	2631.00	1096.25	1409.00	129%	-
Th. Weld Renewal	Km	0.00	0.00	0.00	0.00	0.00	-	-
Deep Screening of Plain Track	Km	175.00	46.49	235.00	97.92	56.71	58%	122%
Deep Screening of Turn-Outs	Nos.	200.00	21.00	250.00	104.17	33.00	32%	157%
Shoulder Ballast Cleaning	Km	500.00	117.94	520.00	216.67	170.97	79%	145%
Rectification of Defective Lay-Outs	Nos.	20.00	3.00	16.00	6.67	1.00	15%	33%
Scrap Disposal	MT	12000.00	4831.00	24000.00	10000.00	3978.00	40%	82%

Progress and Targets Of Important Track Items (MB Divn)

Engg.

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto Aug'21	Annual Target	Prop. Target	Progress upto Aug'22	% age progress w.r.t Prop. Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	225.00	82.47	210.00	87.50	63.57	73%	77%
TSR(P)	Km	87.00	27.12	50.00	20.83	20.57	99%	76%
CTR (P)	CTR	156.00	54.80	130.00	54.17	42.07	78%	77%
TRR(S)	Tkm	0.00	14.33	20.00	8.33	9.18	110%	64%
TSR(S)	Km	0.00	4.02	10.00	4.17	1.17	28%	29%
CTR (S)	CTR	0.00	9.18	15.00	6.25	5.17	83%	56%
CTR (P+S)	CTR	156.00	63.97	145.00	60.42	47.25	78%	74%
Turn-outs Renewal	Eq. Nos.	228.00	34.25	120.00	50.00	41.00	82%	120%
Thick Web Switches	Nos.	200.00	33.00	130.00	54.17	55.00	102%	167%
WCMS	Nos.	10.00	0.00	70.00	29.17	0.00	0%	-
Through Fitting Renewal	Km	300.00	17.40	300.00	125.00	38.72	31%	223%
Channel Sleepers Replacement	Nos.	4802.00	1567.00	3883.00	1617.92	18.00	1%	1%
Th. Weld Renewal	Km	0.00	0.00	0.00	0.00	0.00	-	-
Deep Screening of Plain Track	Km	245.00	32.11	220.00	91.67	45.20	49%	141%
Deep Screening of Turn-Outs	Nos.	250.00	4.00	280.00	116.67	30.00	26%	750%
Shoulder Ballast Cleaning	Km	552.00	75.76	480.00	200.00	152.37	76%	201%
Rectification of Defective Lay-Outs	Nos.	16.00	0.00	15.00	6.25	3.00	48%	-
Scrap Disposal	MT	19000.00	2509.00	18000.00	7500.00	4336.00	58%	173%

Progress and Targets Of Important Track Items (LKO Divn)

Engg.

Item	Unit	2021-22		2022-23 (August'22)				
		Annual Target	Progress upto Aug'21	Annual Target	Prop. Target	Progress upto Aug'22	% age progress w.r.t Prop. Target	% age progress w.r.t Last year progress
TRR(P)	Tkm	162.00	46.85	160.00	66.67	82.45	124%	176%
TSR(P)	Km	117.00	30.05	120.00	50.00	58.56	117%	195%
CTR (P)	CTR	139.50	38.45	140.00	58.33	70.50	121%	183%
TRR(S)	Tkm	30.00	9.30	28.00	11.67	4.71	40%	51%
TSR(S)	Km	20.00	0.11	10.00	4.17	1.71	41%	1552%
CTR (S)	CTR	25.00	4.71	19.00	7.92	3.21	41%	68%
CTR (P+S)	CTR	164.50	43.16	159.00	66.25	73.71	111%	171%
Turn-outs Renewal	Eq. Nos.	155.00	48.00	240.00	100.00	56.00	56%	117%
Thick Web Switches	Nos.	400.00	21.00	330.00	137.50	39.00	28%	186%
WCMS	Nos.	40.00	0.00	100.00	41.67	0.00	0%	-
Through Fitting Renewal	Km	90.00	18.27	65.00	27.08	27.80	103%	152%
Channel Sleepers Replacement	Nos.	2240.00	138.00	2893.00	1205.42	984.00	82%	713%
Th. Weld Renewal	Km	18.00	0.00	0.00	0.00	0.00	-	-
Deep Screening of Plain Track	Km	420.00	85.20	400.00	166.67	177.30	106%	208%
Deep Screening of Turn-Outs	Nos.	250.00	27.00	350.00	145.83	100.50	69%	372%
Shoulder Ballast Cleaning	Km	300.00	21.47	500.00	208.33	206.06	99%	960%
Rectification of Defective Lay-Outs	Nos.	20.00	0.00	26.00	10.83	0.00	0%	-
Scrap Disposal	MT	18000.00	2132.00	13000.00	5416.67	1183.00	22%	55%

Back

Progress of Road Safety Works

Engg.

SN	Item	Closed by		Target 22-23	Cumulative progress (upto Aug'2022)
1	Elimination of Manned LCs (Total-120 Nos.)	ROB	OL	0	0
			Con.	17	4
		Sub way	OL	71	6
			Con.	24	16
		Diversion		8	2
		LTVU		0	0
		Total (Nos.)		120	28
2	Const. of ROB (31 Nos.)	OL		0	0
		Con.		31	7
Total (Nos.)		31		7	
3	Const. of RUB/Subway (90 Nos.)	OL		50	8
		Con.		40	9
Total (Nos.)		90		17	

ROB/RUB Division Wise Road Safety Works (2021-22)

As on 31.08.2022

Item	Closed		FZR		UMB		DLI		MB		LKO		NR	
			Done	Bal	Done	Bal	Done	Bal	Done	Bal	Done	Bal	Done	Bal
Elimination of Manned LCs (Total-120 Nos.)	ROB	OL	0	0	0	0	0	0	0	0	0	0	0	0
		Con.	0	4	2	2	1	2	0	3	1	2	4	13
	Subway	OL	2	8	2	2	0	13	1	21	1	21	6	65
		Con.	0	4	6	2	0	8	9	-5	1	-1	16	8
	Diversion		2	0	0	2	0	1	0	2	0	1	2	6
	LTVU		0	0	0	0	0	0	0	0	0	0	0	0
Total (Nos.)			4	16	10	8	1	24	10	21	3	23	28	92
Const. of ROB (Total-31 Nos.)	OL		0	0	0	0	0	0	0	0	0	0	0	0
	Const.		1	3	1	5	4	7	1	4	3	3	10	21
Total (Nos.)			1	3	1	5	4	7	1	4	3	3	10	21
Const. of RUB/Subway (Total-90 Nos.)	OL		1	4	5	0	0	8	1	14	1	16	8	42
	Const.		1	2	4	16	3	8	1	5	0	0	9	31
Total (Nos.)			3	6	9	16	3	16	2	19	1	16	17	73



Station Redevelopment Works: Northern Railway

Summary of Redevelopment Works

S.N.	Mode of Development	NR-Const.	Open Line	RLDA	Remarks
1	EPC Contracts- (11 Stations)	Ghaziabad, Faridabad, Jammu Tawi, Ludhiana, Jalandhar Cantt. (5no.)	—	Delhi Cantt., Delhi Safdarjung Lucknow(Charbagh), Bijwasan, Chandigarh , New Delhi (6no.)	New Delhi was initially proposed under PPP, Now processed as EPC
2	Railway Funds (2 Stations)	—	—	—	Ayodhya, Varanasi - RITES
3	Techno Feasibility study- (24 Stations)	Bareilly, Karnal, Moradabad, Pathankot Cantt, Jalandhar City, Kashi, Varanasi Cantt. (7no.)	Kurukshetra, Meerut City, Bhatinda Jn., Beas, Palampur, Haridwar, Dehradun (7no.)	Adarshnagar Delhi, Anand Vihar, Delhi Sarai Rohilla, Delhi Shahadra, Ambala Cantt., Gurgaon, Panipat, Amritsar, Delhi Jn., Hazzarat Nizamudin (10no.)	—
4	Additional Stations proposed under Policy circular dt 04.05.2022 (26 stations)	Hazrat Nizamuddin, Delhi, Sonipat, Rohtak, Muzaffar Nagar, Palwal, Saharanpur, Kalka, Firozpur Cantt, Phagwara Jn., Shri Mata Vaishno devi katra, Muktsar, Baijnath Paprola, Roorkee, Shahjahanpur, Dehradun, Hardoi, Hapur, Raebareli, Pratapgarh, Jaunpur, Akbarpur, Shahganj, Sulatanpur, Ayodhya Cantt, Pryag (Total 26 stations identified and advised to Railway Board.)			

Station Selected Under Major Upgradation Programme (Through EPC Contract)

Engg.

S.N.	Station Name	Executing Agency	Current Status
EPC MODE			
1	Delhi Cantt	RLDA	In principle approval to the Master Plan given on 23.12.2021. PWD approval received. UTTIPEC and Traffic police approval: traffic survey completed and application for clearance submitted. NOC Pending from Delhi Cantt. Authority. Date of NIT: 27.05.2022. Bid due date – 26.07.2022
2.	Lucknow (Charbagh)	RLDA	RLDA to revise spatial plans as advised by Hon'ble MR and re-submit. Concept plan frozen. TDC for submission of Plans - 03.06.2022 to division LOA has been issued to RPP-P&C – Vagmine (JV) on date 31.07.2022.
3	Ghaziabad	GM/NR	Master Plan & Relocation plan - Approved by Division & HQ. Floor, Structural and Architectural Plan - Finalized Estimate & Schedule - Vetted DPR- Submitted to Railway Board. Date of Calling of Tenders - 02.05.2022, Bid Due Date - 23.06.2022.
4	Bijwasan	RLDA	Railway Board vide letter dated 18.10.2021, issued order regarding wind up of IRSDC and stations undertaken by IRSDC to be transferred to Zonal Railways. This station is now entrusted to RLDA through a new scheme for Major Upgradation of stations by EPC contract and a sub-work has been sanctioned. Presently, RCC footing & Columns at basement level, ground floor slab work, concourse foundation work, retaining wall work and backfilling work of terminal building is under progress. Approx. Rs. 25.00 Cr. work has been completed.
5	Faridabad	GM/NR	Master Plan & Relocation Plan - Approved by division & HQ Floor Plan, Structural and Architectural Plan - Finalized DPR- Submitted to Railway Board. LOA Issued - 19.08.2022
6	Jammu Tawi	GM/NR	Master Plan & Relocation Plan - Approved by division & HQ Floor, Structural and Architectural Plan- - Finalized Estimate & Schedule – Finalized DPR- Submitted to Railway Board. LOA Issued - 17.08.2022

Station Selected Under Major Upgradation Programme (Through EPC Contract)

S.N.	Station Name	Executing Agency	Current Status
7	Ludhiana	GM/NR	Master Plan- Approved by division & HQ. Floor Plan- Finalized Relocation Plan- Approved Structural and Architectural Plan, Estimate, Schedule – Finalized DPR- Submitted to Railway Board Date of Calling of Tenders : 03/06/22 Bid Due Date : 14.07.2022
8	Chandigarh	RLDA	Fresh Architect consultant ARINEM appointed by RLDA on 27.04.2022. Tenders Invited on - 07.06.2022 Bid Due Date : 22.08.2022
9	Jalandhar Cantt.	GM/NR	Master Plan- Approved by division and HQ. Floor Plan- Finalized Relocation Plan- Approved Structural and Architectural Plan, Estimate, Schedule - Finalized DPR- Submitted to Railway Board LOA Issued - 17.08.2022
10	New Delhi	RLDA	The plans has been signed by Divisional and HQ officers and sent to RLDA on 17.03.2022. The Mandatory portion of the Project i.e. Station Redevelopment along with MMTH has been planned to be developed on EPC mode. NOCs from all relevant authorities like AAI, NDMC,PWD, BSES, North DMC, Forest, DDA, Local Police & Traffic Police, NMA, UTTIPEC, Delhi Fire has been received. NOC from DUAC is awaited, though in principally agreed. All necessary Documents for EPC has been sent to Railway Board.

Upgradation of Stations By NR (Through RITES)

S.No.	Name of Agency	Mode of Development	Name of station	Progress
1	RITES	Upgradation of station	Ayodhya	LOI to RITES on Turnkey basis 10.08.17 Master plan, Phasing, Station-Design 15.02.18 Foundation Stone laying 20.02.18 Signing of MoU 17.03.18 Commencement of work 07.11.18 Physical Progress 85% Financial Progress 80% Projected TDC for Main building September 2022
2	RITES	Upgradation of station	Varanasi	Signing of MoU 06.07.2017 Commencement of work 18.02.2017 Physical Progress 85% Financial Progress 75% Status of works:- • Platforms improvement, extension of station building including signages completed. • SITC of external power supply distribution system (11/.415 kVA) completed. • FOB-3 is in progress (80% completed). • FOB-4 as of now it is kept on hold, due to further Techno Feasibility Study of the station has been entrusted to RLDA.

Techno Feasibility Studies for identified stations

S.N.	Name of Station	Cost (Lakhs)	Tender invited on	Tender closing date	Tender finalized on	TDC for Final Master Plan, Final DPR, Technical feasibility, Final cost estimates submission
1	<u>Bareilly (Const.)</u>	59.32	01.06.2022	24.06.2022	-	
2	Beas (NR)	39.82	19.05.2022	17.06.2022	13.08.2022	28.11.2022
3	Bhatinda Jn. (NR)	52.85	19.05.2022	17.06.2022	13.08.2022	28.11.2022
4	Haridwar (NR)	70.67	19.05.2022	17.06.2022	13.08.2022	28.11.2022
5	<u>Jalandhar City (Const.)</u>	50.94	01.06.2022	24.06.2022	-	
6	<u>Karnal(Const.)</u>	52.85	01.06.2022	24.06.2022	-	
7	Kurukshetra (NR)	42.96	19.05.2022	17.06.2022	13.08.2022	28.11.2022
8	Meerut City (NR)	54.99	19.05.2022	17.06.2022	13.08.2022	28.11.2022
9	<u>Moradabad(Const.)</u>	52.45	01.06.2022	24.06.2022	-	
10	<u>Pathankot Cantt. (Const.)</u>	42.57	01.06.2022	24.06.2022	-	
11	Palampur (NR)	49.19	19.05.2022	17.06.2022	13.08.2022	28.11.2022
12	<u>Kashi (Const.)</u>	69.20	11.07.2022	26.07.2022	-	
13	Dehradun (NR)		Transferred to Northern Railway from RLDA , Work Proposed on IRSPM for sanction.			
14	<u>Varanasi cantt. (Const.)</u>		Transferred to NR from RLDA.			

Raising of Sectional Speed (In Km)

DIV	Progress (19-20)	Progress (20-21)	Progress (21-22)	Targets (22-23)			Progress up to August (22-23)		
				RB	Addl.	Total	RB	Addl.	Total
FZR	23	319	107 (01)	107 (02)	0	107 (02)	0	0	0
UMB	203	238	241 (04)	298 (04)	0	298 (04)	0	0	0
DLI	443	34	11 (01)	0	0	0	0	0	0
MB	0	64	139 (02)	184 (03)	0	184 (03)	27	0	27
LKO	33	0	190 (03)	77 (02)	360 (04)	437 (06)	0	0	0
Total	702	655	688 (11)	666 (11)	360 (04)	1026 (15)	27	0	27

Note:- No. of sections mentioned in brackets

Status of RB Targeted Sections For Raising of Sectional Speed (2022-23)

SN	Div	Section Name	Route	Length (Route Km)	Existing MPS	Proposed MPS	TDC	Works to be taken up
1	FZR	JALANDHAR CANTT – HOSHIARPUR	D	42.92	80	100/110	Oct 22	14.8 Km D/S , 170 No. Steel Channel sleepers, 5 Km ballasting and 5 Km cess repair required. - Confirmation as per revised check list – to revise the proposal for raising speed to 110 Kmph
2	FZR	PHILLAUR – LOHIAN KHAS	D	64.1	75	100/110	Sep 22	- Tamping of 21 Turnout overdue. - MPT deployed but it remains out of order most of the time. - Revised proposal for raising speed to 110 Kmph is to be submitted.
3	LKO	JANGHAI-PHAPHAMAU	D	46.79	100	110	Dec-22	2.5 Km track & 18 t/o D/Screening overdue 18 No. SEJ renewal 35 Glued Joints 2000 Cum Ballasting 2.5 Km Plain track and 25 T/O overdue tamping
4	LKO	DDU (Excl.)-VARANASI	B	29.82	100	110	Oct 22	07 No. t/o, 16 No. SEJ renewal 34 Glued Joints overdue. 1055 No. Steel Channel Sleepers 06 Km earthwork/cess repair reqd. - Formation rehabilitation work is proposed in 2022-23 in PH-31. Strengthening of high embankment is required.

Status of RB Targeted Sections For Raising of Sectional Speed (2022-23)

SN	Div	Section Name	Route	Length (Route Km)	Existing MPS	Proposed MPS	TDC	Works to be taken up
5	UMB	RAJPURA-DHURI	D	78.1	100	110	Sep 22	- Overdue D/S = 3.5 Km., 60% vacancies - T/Out tamping = 18 nos. - Compliance of confirmation as per revised check list is under preparation.
6	UMB	BATHINDA-SRIGANGANAGAR	D	125	100	110	Oct 22	- Cess repair = 7 Km, - Plain Track tamping = 12.5 Km, - T/Out tamping = 02 nos and - Overdue Deep screening = 25.8 Km. (BCM work is in Progress)
7	UMB	CHANDIGARH- NEW MORINDA	D	43.89	100	110	Sep-22	- Cess Repair = 4 Km, - Plain Track tamping = 15 Km, - T/Out tamping = 10 nos.
8	UMB	NEW MORINDA-SANEHWAL	D	51.11	100	110	Sep 22	56% Vacancies - Plain Track tamping = 40 Km.
9	MB	LAKSAR-HARIDWAR	D	27.03	100	110	Sd	CRS Sanction recd on 22.04.2022, Memorandum issued on 04.07.2022

Status of RB Targetted Sections For Raising of Sectional Speed (2022-23)

SN	Div	Section Name	Route	Length (Route Km)	Existing MPS	Proposed MPS	TDC	Works to be taken up
10	MB	NAJIBABAD-KOTDWAR	D	24.01	50	75	Sep 22	• 4 Km plain Track and 12 T/O overdue deep screening • 03 Km Ballasting • 02 Km Earth work/ Cess Repair. • Corrected documents required for OMS etc.
11	MB	ALAMNAGAR-ROSA	B	133.29	100	110	Feb 23	• 04 T/O renewal, • 97 Km plain Track overdue deep screening • 02 SEJ, 07 Glued Joints o/d renewal • 23 Km Earth work/ Cess Repair. • 82.37 Km plain track & 26 T/O o/d tamping

Status of Additionally Targeted Sections for Raising of Sectional Speed (2022-23)

SN	Div	Section Name	Route	Length (Route Km)	Existing MPS	Proposed MPS	TDC	Works to be taken up
1	LKO	JNH-ZBD	D	47.79	100	110	Sep-22	• Paper submitted on 30-08-2022.
2	LKO	ZBD-FD-LBH	D	268.57	100	110	Mar 23	• Plain Track 49.5 Km & T/out 77 Nos D/Screening overdue • 95 No. SEJ, 238 Glued Joints overdue • 120 No. Track maintainers post vacant • 6000 Cum. Ballasting in progress. • 80 Km plain track and 68 No. T/O overdue tamping (SECTION TO BE SPLIT INTO TWO)
3	LKO	UTRATIA - ALAM NGR.(S. LINE)	B	18.47	100	110	Dec-22	• TFTR work is sanctioned in whole patch. After completion of TFTR speed raising will be processed
4	LKO	DALMAU - DARYAPUR	D	24.7	40	110	Nov 22	• TRR 9.5 Km required to complete CTR. Work sanctioned. Contract available. Rail panels required for 9.5 km TRR. • 6.5 Km Rail is required
5	MB	MORADABAD-SAHARANPUR	B	185.71	100	110	Nov 22	▪ TTR with TWS - 21. ▪ 57 turnouts and 48 Km plain track on main line is due for deep screening ▪ 29 Turnouts and 92 Km plain track on main line is due for tamping
6	MB	GAJRAULA - MAUZZAMPUR NARIAN	D	95.17	100	110	Jan 23	• Work of up gradation of interlocking is in progress by IRCON.

Raising of Speed on Loops, 2022-23

Div	RB Target	Additional target	Total
DLI	-	58	58
FZR	258	578	836
LKO	156	484	640
MB	447	134	581
UMB	-	-	-
Total	861	1254	2115

Raising of sectional speed, On loops to 30 kmph & Removal/relaxation of PSRs last three years

Item	2019-20		2020-21		2021-22	
	Target	Progress	Target	Progress	Target	Progress
Raising of Sectional Speed	625	702	586	655	606	688
Raising Speed on Loops to 30 Kmph	558	395	732	269	1081	433
Removal of PSRs (No.)	24	22	15	15	19	20

Comparison 1st quarter (Apr To Aug)

Item	Progress upto August'19	Progress Upto August'20	Progress upto August'21	Progress upto August'22
Raising of Sectional Speed	302	319	107	27
Raising Speed on Loops to 30 Kmph	181	269	66	0
Removal of PSRs (No.)	08	03	09	13

Raising Speed on Loops to 30 Kmph (In Kms)

DIV	Progress (19-20)	Progress (20-21)	Progress (21-22)	Target (22-23)			Progress up to August (22-23)		
				RB	Addl	Total	RB	Addl	Total
FZR	92	00	43 (01)	258 (04)	578 (09)	836 (13)	0	0	0
UMB	00	00	00	00	00	00	0	0	0
DLI	175	269	87 (01)	00	58 (01)	58 (01)	0	0	0
MB	00	00	113 (02)	447 (06)	134 (02)	581 (08)	0	0	0
LKO	128	00	190 (3)	156 (02)	484 (09)	640 (11)	0	0	0
Total	395	269	433 (07)	861 (12)	1254 (21)	2115 (33)	0	0	0

Note:- No. of sections mentioned in brackets

Speed on Loops To 30 KMPH (In KMS) (Status of RB Targeted sections)

Engg.

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
1	FZR	AMRITSAR-ATARI (International border)	27	3	Dec 22	• Fish Plated Track exists at CIA (240 welds) and KSA (120 welds) for Conversion into SWR.
2	FZR	FIROZPUR CANTT.-JALANDHAR CITY	116	10	Oct 22	• Welding of SRJ of all turnouts (08 Loop lines). • Lifting of Loop Line Turnouts required. Lifting and machine packing to be done. • 04 Loop lines to be converted into SWR • Compliance of revised norms letter sent on 13.05.2022
3	FZR	JAMMU TAWI – SHRI MATA VAISHNO DEVI KATRA	77	6	Aug 22	• Work completed and documents recd. • Under signatures in HQ office.
4	FZR	JALANDHAR CANTT.-HOSHIARPUR JN.	38	3	Sep 22	• EI of KUPR, NAS and HSX is to be done. Existing turnouts will be displaced to new locations. Speed can be raised only after completion of EI works – to be delinked with the speed raising target. • All SRJs to be welded • TBR to be done to ensure 150mm clean ballast cushion
5	LKO	PHAPHAMAU-ALLAHABAD (Excl)	11.12	2	Oct 22	• Ballasting and raising of cushion is required. 06 SRjs to be welded
6	LKO	ZAFRABAD- FAIZABAD	144.68	19	Oct 22	• Observations sent on 04.02.2022 (BWI, TLGR, ABP, BLG, DRG loop lines having fish-plated track) – 02 yards Balance. • Deep screening and ballasting to raise cushion is required in 07 yards. • 40 SRJs to be welded • Uniform sleeper spacing and extra shoulder ballating in turn-in curves to be done in 04 yards,.
7	MB	NAJIBABAD-KOTDWAR	24.1	2	Sep 22	• OMS trial run completed in July'22. EBD Trial by heaviest goods train is to be done.

Speed on loops to 30 KMPH (IN KMS) (Status of RB Targeted sections)

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
8	MB	GAJROULA - MAUZZAMPUR NARIAN	93.45	5	Sep 22	• OMS trial run completed in July'22. Speed trial by heaviest goods train is to be done.
9	MB	KHURJA JN. (Excl.)- MEERUT CITY	91.35	6	Sep 22	• Sleeper spacing of HZR need to be corrected. Work is in progress. • OMS trial run completed in July'22. • Braking distance trial by heaviest goods train is to be done..
10	MB	UNNAO-BALAMAU	99.08	5	Oct 22	• 2 YARD PENDING for SRJ welding • Raising of turnout and loop lines are balance in 5 Yards. • Less ballast cushion in entire section.
11	MB	ROZA-SITAPUR CITY	79.7	9	Sep 22	All work Completed . Document for submitting to HQ underpreparation.
12	MB	BALAMAU-SITAPUR CITY	59.6	4	Oct 22	• BD trials Pending for Both sides. • Raising of the turnout and loop lines are pending in one yard

Speed on loops to 30 KMPH (in KMS) (Status of Additionally Targeted sections)

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
1	FZR	BEAS-TARAN TARAN	48	4	Nov22	04 SRJs to be welded - Fish Plated Track exists at GWSB (120 Welds required). - AT GWSB 800m TRR required for replacing 90R rail with 52Kg.
2	FZR	FIROZPUR CITY-FAZILKA	88	5	Dec 22	- All loop lines fishplated. - TBR of all loop lines required. - Lifting of Loop Line Turnouts required. - Drainage work in FKA yard. - Location of Combination joint to be shifted to Loop line Turnout to ensure same rail section on turn-in curves.
3	FZR	KOTKAPURA-FAZILKA	80	4	Dec 22	400 welds required. - Ballasting required for extra shoulder ballast in turn-in curves.
4	FZR	LOHIAN KHAS-PHILLAUR	65	5	Dec 22	- Ballasting of loop lines to be done at 3 loop lines. 04 No SRJs to be welded - lifting to be done at 3 loop lines as NIL ballast cushion. - all loop lines fish plated
5	FZR	PHAGWARA-NAWASAHAR DOABA	35	4	Mar 23	Work to be done after all Yards to be remodeled for all stations to EI . (NI work to be delinked) Subsequently SRJs to be welded. Sleeper spacing at loop lines to be corrected during EI work as loop lines are to be extended also all loop lines fish plated TBR for loop lines required.
6	FZR	AMRITSAR-KHEMKARAN	78	3	Jun 22	Work completed and documents recd. Under signatures in HQ office.
7	FZR	AMRITSAR-PATHANKOT	107	10	Jun 22	Work Completed . Paper submitted but Observations sent on 03.08.2022 to correct the documents & additional certification as per revised check list

Speed on loops to 30 KMPH (in KMS) (Status of Additionally Targeted sections)

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
8	LKO	JANGHAI-PHAPHAMAU	46.79	7	Dec 22	26 SRJs to be welded. - Doubling work is in progress by RVNL in which T/out will be dismantled during doubling. (Proposal to be delinked from this work)
9	LKO	PHAPHAMAU-UNCHAHAAR	72.27	10	Dec 22	38 SRJs to be welded. - Uniform sleeper spacing of Turn-in curve portion at 02 stns. - All Loops to be converted to SWR and ballasting reqd.
10	LKO	PHAPHAMAU-PRATAPGARH	46.1	5	Sep 22	22 SRJs to be welded. - Uniform sleeper spacing of Turn-in curve portion to be done along with conversion of Loops to SWR and ballastin at 02 stns.
11	LKO	CHILBILA-FAIZABAD	97.95	9	Nov 22	44 SRJs to be welded. - Uniform sleeper spacing of Turn-in curve portion to be done at 06 stns. along with deep screening for 150mm clean ballast cushion at 04 Stns..
12	LKO	JANGHAI-ZAFARABAD	47.79	3	Sep 22	Loop lines at 02 stns to be converted into SWR and Ballasting for 150mm clean ballast cushion at 01 station.
13	LKO	UNCHAHAAR-RAE BAREILI	37.71	3	Oct 22	Loop lines at 01 stn to be converted into SWR and Ballasting for 150mm extra shoulder ballast 02 station.

Speed on loops to 30 KMPH (in KMS) (Status of Additionally Targeted sections)

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
14	LKO	UNCHAHAR-TAKIA	69.71	5	Dec 22	20 SRJs to be welded. - Deep screening to be done at all 05 stns for 150mm clean ballast cushion, ballasting for extra shoulder ballast & for bringing M/L and L/L turnouts at same level.
15	LKO	TAKIA-UNNAO	42.42	3	Dec 22	12 SRJs to be welded. - Deep screening to be done at all 03 stns for 150mm clean ballast cushion, ballasting for extra shoulder ballast & for bringing M/L and L/L t/o at same level.
16	MB	CHANDAUSI-HARDUAGANJ (Excl.)	84	6	Oct 22	- Ballasting in all loop lines reqd 36 SRJs to be welded. 03 Loop lines having 90R rails.
17	MB	HARIDWAR-DEHRADOON	50	5	Sep 22	- Work Completed. - Document under preparation in Division.

Speed on loops to 30 KMPH (in KMS) (Status of Additionally Targeted sections)

SN	Div.	Section	Length (KM)	No. of stations	TDC	Status
18	DLI	SHAMLI (EXCL.)-TAPRI	58	5	Aug 22	- Papers under signatures in HQ. - OHE certificate under signature .
19	LKO	DALMAU - DARYAPUR	23.37	3	Sep 22	08 SRJs to be welded - Ballasting to be done at all stations.
20	FZR	JAISON DOABA - NAWASAHAR DOABA	30.78	2	Dec 22	Work to be done after all Yards to be remodeled for all stations to EI . (NI work to be delinked) Subsequently SRJs to be welded. Sleeper spacing at loop lines to be corrected during EI work as loop lines are to be extended also all loop lines fish plated TBR for loop lines required.
21	FZR	VERKA - DERA BABA NANAK	46.03	3	Sep 22	Work Completed . Paper submitted but Observations sent on 03.08.2022 to correct the documents & additional certification as per revised check list

Raising of Sectional Speed to 130 Kmph (In Km)

SN	Major Section	Route Km	Track Km	TDC	Status
1	DLI-UMB-LDH	310.86	621.72	Sd	Completed in Year 2021-22. CRS Sanction Recd. Train Operation started. S&T work at few stations balance to remove PSR.
2	LDH-JRC -PTKC-JAT	275.43	550.86	Dec-23	- Work completed except fencing - Fencing Req'd 148 Km, Sanctioned 33 Km (11Km completed) 10 Km boundary wall shortlisted in Umbrella work. - Double distant signal to be provided.(work proposed)
3	SRE-UMB	81.14	162.28	Sd.	- CRS sanction received on 01.06.2021. 2.68 Km fencing req'd. 5.013 Km o/d deep screening 09 SEJ and 91 Glued Joints overdue 14.9 Km plain Track and 51 T/O overdue tamping - Double distant signal to be. (work proposed)
4	UMB-CDG	44.16	88.32	Sd.	- CRS sanction received on 01.06.2021. 0.5 Km fencing req'd. 4.148 Km o/d deep screening 04 SEJ and 03 Glued Joints overdue 12 Km Cess repair 6.626 Km plain Track and 05 T/O overdue tamping - Double distant signal to be provided. (work proposed)

Raising of Sectional Speed to 130 Kmph (In Km)

Engg.

SN	Major Section	Route Km	Track Km	TDC	Status
5	GZB-SRE	130.33	260.65	Jul-23	• TRR of 97.75TKM reqd. 36.37 Km sancd.Rail av 2.34 TKM • Sleeper density to be improved in 103.46 Km, TSR sancd. For 3.51 Km. • 29.5 Km fencing reqd • TWS scope 162 nos. Material available for 13. • 55 DFWR to be removed. • 18.75 Km deep screening overdue. • 18 sets SEJ, 337Glued joints overdue for renewal. • 11 Km ballasting, 48.9 Kms plain track & 69 t/o overdue for tamping • Double distant signal to be provided (work proposed)
6	DLI-RE	79	158.00	Dec-23	• Scope of 60 kg Rail - 82.10 Tkm, Progress - 18.50 Tkm, Rail Panel available- 6.7 Tkm. • Scope of sleeper density - 86.80 km, Progress of TSR(P) -15.18 km, PSC sleepers available- 6.0 km. • Work for the boundary wall (20 km) is required. • TWS scope 108 nos. Material available for 12. • 159 DFWR to be removed. • 30 Km deep screening overdue. • 48 sets SEJ, 392 Glued joints overdue for renewal.. • Double distant signal to be provided. (work proposed)
7	MB-SRE	185.71	371.42	July 23	• Work completed except Rail (0.315 km),deep screening (7.343 Km) • 21 T/out Renewal • Fencing- 18 km 10 Km shortlisted in Umbrella work. • Double distant signal is yet to be sanctioned • This section has been included in the target of year 2022-23 for raising of speed to 110 kmph.

Raising of Sectional Speed to 130 Kmph (In Km)

Engg.

SN	Major Section	Route Km	Track Km	TDC	Status
8	LKO-MB	318.11	636.22	Mar-24	• Work completed except Rail (0.922 Km in scattered locations) & ballast cushion (28 Km) • Fencing 250 Km not sanctioned. • Double distant signal is yet to be sanctioned
9	UTR-RBL-PBH -BSB-MGS	305.61	611.22	Dec-23	• Work completed except, ballast cushion (19.871 Km), DFWR 4 Nos. • Work for the boundary wall (63 km) is required to be sanctioned. • Double distant signal to be provided (work proposed)
10	UTR-LKO-AMG	19.85	39.70	Sep-23	• Work completed except, ballast cushion (12.283 Km), DFWR 4 Nos. • Work for the boundary wall (39.7 km) is required to be sanctioned. • Double distant signal to be provided(work proposed).

160 KMPH works - Funds requirement 2022-23 (in Cr of Rs)

Department	Sanctioned Cost	Spent so Far	2022-23	2023-24	2024-25	NDLS – BCT Route	NDLS – HWH Route		Total (2022-23)
						NDLS - PWL	NDLS - CYZ	CNB-LKO	
Civil	352.43	96.80	87.20	100.00	94.00	9.9	16.5	60.8	87.20
S & T	18.00	0.80	6.00	11.20	0.00	4	0	2	6.00
TRD	402.24	25.09	213.00	179.94	0.00	106	72	35	213.00
Mech.	238.86	0.00	42.00	196.86	0.00	22	0	20	42.00
Total	1011.53	122.69	348.20	488.00	94.00	141.9	88.5	117.8	348.20

Status Report for Raising of Sectional Speed on Delhi-Mumbai & Delhi-Howrah Rajdhani Routes to 160 KMPH

Item	Recommended for 160 Kmph	Unit	NEW DELHI-MUMBAI		NEW DELHI-HOWRAH			
			NDLS-TKD-PWL Route Km 57.20 Track km 114.40 km		NDLS-GZB-CPYZ Route Km 29.40 Track km 58.80 km		LKO-CNB Route Km (2.00-69.93) i.e. Track km 135.86 Km	
			Balance work as on 01.04.2022	Progress up to August'22	Balance work as on 01.04.2022	Progress up to August'22	Balance work as on 01.04.2022	Progress up to August'22
Rails	60 Kg. 90 UTS	Km	Work completed		Work completed		19.00	14.479
Sleeper/ Sleeper Density	PSC at 1660 (M+8)	Km	Work completed		Work completed		19.225	14.709
Ballast Cushion	Total 350 mm Clean 150 mm	km	27.65	0	34.17	6.50	18.34	0
Switch	Thick web switch	Nos	0	0	0	0	79	3
Crossing	Weldable CMS	Nos	116	8	84	12	95	0
SEJ	Improved	Nos	Work completed		Work completed		11	10
Bridge Sleepers	H-Beam/ Composite	Nos.	564	272	2678	1214	2932	0
Level-Xing	Replacement of all LC by grade separators	Nos	5	0	4	0	36	0
Fencing	All along the Track side)	(Both Running km	5.2	3.70	9.74	2.10	134.86	1.30

Status Report for Raising of Sectional Speed on Delhi-Mumbai & Delhi-Howrah Rajdhani Routes to 160 KMPH

Engg.

Major Section	Major Work & Balance Scope			Estimate & Value	Position of Tender
	Items Involved	Balance work as on 01.04.22	Balance work as on 01.09.22		
NDLS-PWL	TRR (P) (Tkm)	0	0	Engineering = Rs. 50.2 Cr. S&T = Rs. 49.2 Cr. Electrical = Rs. 186.1 Cr. Mechanical = Rs. 108.9 Cr. Total = Rs. 394.4 Cr.	Work completed
	TSR (P) (Tkm)	0	0		-
	TBR (Tkm)	27.65	0		Work under Progress
	TWS (Nos.)	0	0		Work completed
	WCMS (Nos.)	116	108		Agency available
	Improved SEJ (Nos.)	0	0		Work completed.
	Bridge Sleepers (Nos)	564	292		Agency available & work under progress.
	Replacement of all LC by grade separators	5	5		1.RUB 576 GAD has been approved by HQ on 28.04.2022 2.RUB sanctioned at LC 571. RUB not feasible due to GAIL LPG pipe line passing in alignment. GAD of ROB feasibility under signature State Govt. Letter sent to HQ office for sanction this work as ROB . Proposal of ROB has been returned to division on 07.06.2022 for reviewing the TVU of LC No 571. TVU of LC is less than one lakh, hence it should be taken on deposit basis. 3.ROB 568 approaches GAD under approval in HQ Office 4. ROB 579-A agency available, but state govt. not acquired land in approaches. 5. LHS work is in progress at 569.
	Fencing (Running km)	5.2	1.5		Agency available and work under progress

Status Report for Raising of Sectional Speed on Delhi-Mumbai & Delhi-Howrah Rajdhani Routes to 160 KMPH

Engg.

Major Section	Major Work & Balance Scope			Estimate & Value	Position of Tender
	Items Involved	Balance work as on 01.04.2022	Balance work as on 01.09.22		
NDLS-CPYZ	TRR (P) (Tkm)	0	0	Engineering = Rs. 49.0 Cr. S&T = Rs. 5.0 Cr. Electrical = Rs. 102.3 Cr. Total = Rs. 156.3 Cr.	Work completed
	TSR (P) (Tkm)	0	0		-
	TBR (Tkm)	34.17	27.67		Work under Progress
	TWS (Nos.)	0	0		Work completed
	WCMS (Nos.)	84	72		Work under progress.
	Improved SEJ (Nos.)	0	0		Work completed.
	Bridge Sleepers (Nos)	2678	1464		Agency available and work under progress
	Replacement of all LC by grade separators	4	4		Level Crossing will be Eliminated by: - RUB=1 Nos (4 C) ROB=3 Nos.(152A & B, 153) 153 - Work under progress. 152A- Work has been awarded to Dy.CE/C/SERD-2. Tender likely to be invited in Aug 22 after finalization of GCC 2022. 152B & 4C- The proposal of ROB in lieu of LC No. 152-B & RUB in lieu of LC No. 4-C have sent to Railway Board for sanction on 06.06.2022 and 08.06.2022 respectively.
	Fencing (Running km)	9.74	7.64		Agency available and work under progress

Status Report for Raising of Sectional Speed on Delhi-Mumbai & Delhi-Howrah Rajdhani Routes to 160 KMPH

Major Section	Major Work & Balance Scope			Estimate & Value	Position of Tender
	Items Involved	Balance work as on 01.04.2022	Balance work as on 01.09.22		
LKO-CNB	TRR (P) (Tkm)	19.00	4.521	Engineering = Rs. 319.3 Cr. S&T = Rs.66.3 Cr. Electrical = Rs. 114.0 Cr. Mechanical = Rs. 130.0 Cr. Total = Rs. 629.6 Cr.	Agency Available and work under progress.
	TSR (P) (Tkm)	19.225	4.516		Quantity of raising of ballast cushion is taken in tender of sanctioned work of CTR and t/o renewal.
	TBR (Tkm)	18.34	18.34		Agency Available and work under progress.
	TWS (Nos.)	79	76		Agency Available and work under progress.
	WCMS (Nos.)	95	95		Agency Available and work under progress.
	Improved SEJ (No.)	11	1		Agency Available and work under progress.
	Bridge Sleepers (No.)	2932	2932		Works to be executed along with Bridge Works being executed by Bridge Line. Tender for procurement of H-Beam fittings is called by division and opened on 17.08.2022.
	Replacement of all LC by grade separators	36	36		Elimination of LC (By Const.) (i) out of 36 LCs, 2 are sanctioned, Sanction of balance 34 is required. (ii) Proposal of 34 LCs sent on IRPSM for short listing in WP 2022-23 against umbrella works under plan head-30. (iii) 2 Proposals of ROBs of LC No. 13 & 23 have been sent to Rly. Bd for sanction on 13.07.2022. Proposals have been returned by Rly. Board with observation and sent to division for compliance on 04.08.2022. Balance proposals shall be processed as per fund in Umbrella work of ROB/RUB.
	Fencing (km)	134.86	133.560		Agency available for 32 Km. For balance work tender under invitation.

Removal/Relaxation of PSRs (No.)

DIV	Progress (20-21)	Progress (21-22)	Target (22-23)			Progress (22-23) Up to August-2022		
			RB	Addl	Total	RB	Addl	Total
FZR	1	05	04	00	04	02	01	03
UMB	1	04	02	02	04	02	00	02
DLI	3	04	07	00	07	05	00	05
MB	1	02	01	02	03	00	00	00
LKO	09	05	05	00	05	03	00	03
Total	15	20	19	04	23	12	01	13

Identification of CC+8+2 Routes

Engg.

Items	Route Km	Track Km
Total track of NR as on 31.03.2022	7070.14	9995.31
Sanctioned CC+8+2T Route upto 31.03.22	5416.55	8320.57
Sanctioned CC+8+2T Route during 2022-23	0	0
CC+8+2T Routes under proposal	639.99	644.51

Identification of CC+8+2 Routes

Engg.

Pending CC+6 and CC+4 Routes required to be raised to CC+8

Sr. No.	Division	Route	Present Classification	Freight Terminal			Remarks
				Terminal in Section	Average/inward	Average/outward	
1	FZR	VKA-FGCN	CC+4	FGCN	1.5	0	
2		ASR-PTK	CC+6	BAT	8.3	9.3	
				DHW	0	2.2	
				GSP	3.5	2.1	
3	DLI	NRW-KKDE	CC+6	PHWR	0	21.33	
				KLE	10.2	13.2	
JIND-PNP		CC+6	JCY	5.3	6.9		
			SFDE	2.2	7.5		
*JIND-GHNA		CC+6	JCY	5.3	6.9		
			GHNA	2.5	7.5		
			GHNA	2.5	7.5		
5		ROK-PNP	CC+6	PNP	2.8	1.7	
6	MB	BLM-SPC	CC+6	Through Passing TFC			
7	LKO	ON-DMW-UCR	CC+6				
8		DMW-DYP	CC+6				
9	LKO	SLN-CIL	CC+4	PBH	13.5	0	
				FD	28.5	0.5	40

CC+8+2T Routes having speed of 22.9t axle load trains less than 75 kmph

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
1	NR	FZR	Jalandhar City-Amritsar	157.22	110	60	NO	87.65 Km Track 52 Kg rail and less ballast cushion
2	NR	FZR	Ludhiana-Firozpur Cantt	123.4	110	60	NO	123.4 Km Track 52 Kg rail and less ballast cushion
3	NR	FZR	Bathinda-Firozpur Cantt.	86.33	110	60	NO	65.067 Km Track 52 Kg rail and less ballast cushion
4	NR	FZR	Beas-Taran Taran	50	50	50	NO	0.362 Km Track 52 Kg rail and less ballast cushion
5	NR	FZR	Jammu Tawi-Udhampur	53.66	75	60	NO	16.18 Km Track 52 Kg rail and less ballast cushion
6	NR	FZR	Kotkapura-Fazilka	80.39	100	60	NO	9.184 Km Track 52 Kg rail and less ballast cushion
7	NR	FZR	Phillaur-Lohiankhas	63.67	75	60	NO	0.63 Km Track 52 Kg rail and less ballast cushion
8	NR	FZR	Jalandhar City-Firozpur Cantt	116.86	110	60	NO	116.809 Km Track 52 Kg rail and less ballast cushion
9	NR	FZR	Amritsar-Khemkaran	78	100	60	NO	3.273 Km Track 52 Kg rail and less ballast cushion
10	NR	FZR	Firozpur City-Fazilka	85.04	100	60	NO	1.41 Km Track 52 Kg rail and less ballast cushion

CC+8+2T Routes having speed of 22.9t axle load trains less than 75 kmph

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
11	NR	FZR	Amritsar-Khasa	20.38	75	20	NO	9.896 Km Track 52 Kg rail and less ballast cushion
12	NR	FZR,UMB	Churaru Takarla-Sirhind-Ludhiana-JUC-JAT	795.06	100/110	60	NO	371.58 Km Track 52 Kg rail and less ballast cushion
13	NR	FZR,UMB	Jakhal-Dhuri-Ludhiana	127.12	100/110	60	NO	124.983 Km Track 52 Kg rail and less ballast cushion
14	NR	UMB	Rajpura-Bathinda including Bye pass line BTIC	178.35	100/110	60	NO	169.971 Km Track 52 Kg rail and less ballast cushion
15	NR	UMB	Jakhal-Hisar	78.32	110	60	NO	7.571 Km Track 52 Kg rail and less ballast cushion
16	NR	UMB	Bhatinda-Sri Ganga Nagar	124.36	100	45	NO	13.9 Km Track 52 Kg rail and less ballast cushion
17	NR	UMB	Chandigarh-New Morinda-Khamano-Sahnewal	98.53	100	45	NO	96.04 Km Track 52 Kg rail and less ballast cushion
18	NR	DLI	Delhi-Shakurbasti-Bathinda	592.32	110	60	NO	205.308 Km Track 52 Kg rail and less ballast cushion

CC+8+2T Routes having speed of 22.9t axle load trains less than 75 kmph

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
19	NR	DLI	Panipat-Kukrana	6.96	65	60	NO	0 Km Track 52 Kg rail and less ballast cushion
20	NR	DLI	Ghaziabad-Delhi Area via DAL/GAL	96.31	130	60	NO	0 Km Track 52 Kg rail and less ballast cushion
21	NR	DLI	Delhi Area via DAL (Delhi avoiding lines)	75.16	100	60	NO	12.836 Km Track 52 Kg rail and less ballast cushion
22	NR	DLI	Delhi Area via GAL (Goods avoiding lines)	30.47	100	60	NO	6.227 Km Track 52 Kg rail and less ballast cushion
23	NR	DLI	Ghaziabad-Meerut City	90	110	60	NO	54.43 Km Track 52 Kg rail and less ballast cushion
24	NR	DLI	Delhi-Shakurbasti-Rewari	162	110	60	NO	85.847 Km Track 52 Kg rail and less ballast cushion
25	NR	DLI	Gohana-Sonipat	40.39	65	45	NO	40.3 Km Track 52 Kg rail and less ballast cushion
26	NR	DLI,MB	Hapur-Meerut City	26.71	100	45	NO	29.11 Km Track 52 Kg rail and less ballast cushion
27	NR	DLI,MB	Ghaziabad-Moradabad	275.1	110	60	NO	24.647 Km Track 52 Kg rail and less ballast cushion

CC+8+2T Routes having speed of 22.9t axle load trains less than 75 kmph

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
28	NR	MB	Rampur-Kathgodam	1.47	50	30	NO	1.47 Km Track 52 Kg rail and less ballast cushion
29	NR	MB	Harduaganj-Chandausi-Moradabad	125.5	100	60	NO	109.813 Km Track 52 Kg rail and less ballast cushion
30	NR	MB	Rosa-Sitapur City	83.76	100	60	NO	9.605 Km Track 52 Kg rail and less ballast cushion
31	NR	MB	Chandausi-Bareilly including Chanehti link	70.64	100	60	NO	50.665 Km Track 52 Kg rail and less ballast cushion
32	NR	MB	Laksar-Harrawala	97.77	110	60	NO	39.55 Km Track 52 Kg rail and less ballast cushion
33	NR	MB	Moradabad-Kashipur	3.22	100	40	NO	3.22 Km Track 52 Kg rail and less ballast cushion
34	NR	MB	Khurja-Hapur	63.05	100	60	NO	56.21 Km Track 52 Kg rail and less ballast cushion
35	NR	MB	Rishikesh-Raiwala	11.69	100	45	NO	0.64 Km Track 52 Kg rail and less ballast cushion
36	NR	LKO	Lucknow-PBH-BSB-DDU including LKO Bye pass line	504.92	110	60	NO	79.421 Km Track 52 Kg rail and less ballast cushion

CC+8+2T Routes having speed of 22.9t axle load trains less than 75 kmph

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
37	NR	LKO	Zafarabad-Akbarpur	84.06	100	60	NO	29.689 Km Track 52 Kg rail and less ballast cushion
38	NR	LKO	Janghai-Phaphamau-Unchahar including bye pass line	120.1	100	50	NO	117.0 Km Track 52 Kg rail and less ballast cushion
39	NR	LKO	Kanpur-Lucknow	135.86	110	60	NO	7.345 Km Track 52 Kg rail and less ballast cushion
40	NR	LKO	Lucknow-Barabanki-Ayodhya-Akbarpur-Tanda	227.78	100/50	60/50	NO	101.72 Km Track 52 Kg rail and less ballast cushion
41	NR	LKO	Raebareli-Daryapur	5.94	100	60	NO	5.94 Km Track 52 Kg rail and less ballast cushion
42	NR	LKO	Varanasi-Manduadih	5.68	100	50	NO	4.57 Km Track 52 Kg rail and less ballast cushion
43	NR	LKO	Barabanki-Jahangirabad	1.18	100	60	NO	1.18 Km Track 52 Kg rail and less ballast cushion
44	NR	LKO	Prataphgarh-Phaphamau-Pryag Junction	57.51	100	60	NO	0 Km Track 52 Kg rail and less ballast cushion
45	NR	LKO	Pryag Junction-Pryagraj Junction	12.96	100	15	NO	3.795 Km Track 52 Kg rail and less ballast cushion
46	NR	LKO	Janghai-Zafrabad	46.44	100	50	NO	1.223 Km Track 52 Kg rail and less ballast cushion
47	NR	LKO	Sultanpur-Faizabad	58.24	100	45	NO	0.992 Km Track 52 Kg rail and less ballast cushion

Cc+8+2t routes having speed of 22.9t axle load trains - 75 kmph (with caution in Patches)

S.N	Railway	Division	Name of section (sanction for CC+8+2t loaded trains)	Track Km	sectional speed	Speed of 22.9T axle load trains permitted	Whether track structure fit for 75 kmph (Yes/No)	Reason for permitting speed less than 75 kmph
1	NR	UMB	Ambala-Chandigarh	86.9	110	75	Yes	27.42 Km Track 52 Kg rail and less ballast cushion
2	NR	UMB,MB	Moradabad-Saharanpur-Ambala Cantt.-Sirhind	652.44	100/11	75	Yes	92.486 Km Track 52 Kg rail and less ballast cushion
3	NR	UMB,DLI	Delhi-Panipat-Ambala Cantt	393	110/130	75	Yes	0.66 Km Track 52 Kg rail and less ballast cushion
4	NR	DLI	Palwal-Delhi Area	197.08	130	75	Yes	27.65 Km Track 52 Kg rail and less ballast cushion
5	NR	LKO,MB	Lucknow-Bareilly-Moradabad	651.46	100	75	Yes	22.33 Km Track 52 Kg rail and less ballast cushion
6	NR	LKO	Varanasi-Zafarabad-Lucknow	536.24	110	75	Yes	103.73 Km Track 52 Kg rail and less ballast cushion
7	NR	DLI	Meerut Cantt.-Tapri	205.4	110	UP-75/DN-45	NO	52.76 Km Track 52 Kg rail and less ballast cushion

Pending Route Proving Run Position

Route Proving Run for Operation of Coaching Stock at Maximum Speed of 130 kmph

Section	Status	Results
New Delhi – Ludhiana	Completed	Successful
New Delhi-GZB-Chipyana Buzurg	Completed	Successful
New Delhi - Palwal	Completed	Successful

- RPR for LWLRRMD, LDSLRA, LWACCNE & LRAAC in NDLS-PWL section completed successfully on 01.04.2022.

WORKSHOPS

MECH/ENGG

SN	Location	Activity	Annual Target	Progress
1.	JUDW	Coach POH Wagon POH	Coach- 1272 Wagon-6240	Coach- 360 Wagon-1540
2.	AMVW	Coach POH	Coach- 1512	Coach- 446
3.	RCNK(SNP)	LHB Coach MLR	Coach-150	Coach-4
4.	CBW	Electric Loco POH MEMU POH EMU POH* DEMU POH SPART POH Tower Car(4W & 8W)*	Elect Loco-25 MEMU-301 EMU POH-114 DEMU-252 SPART-8 Tower Car-9	Elect Loco-8 MEMU-61 EMU-33 DEMU-61 SPART-3 Tower Car-3
5.	ASRW	Wagon manufacturing	560	133(BVCM-123 , BOXNHL-10)
6.	JUDW	Hot Axles(Failures per 1000 wagon outturn)	0	1.94
7.	Jalandhar	Fabrication	3100 MT	1510 MT (till August 2022)
8.	Lucknow	Fabrication	3100 MT	1720 MT (till August 2022)

*To be attended at EMU Car Shed/GZB

Long Haul Loops (Summary)

No of stations covered: 29 stations

No of Longer loops: 44 nos.

- **Const 22 stn. 31 loops**
- **DFC 06 stn. 11 loops**
- **RVNL 01 stn. 02 loops**

Target: 11 stations in 2022-23

(indicated red in below sheets are targeted stations)

Mughalsarai - Lucknow - Moradabad - Ambala - Jalandhar - Amritsar (1150 km) - Longer loops

S.No	Division	Station	Section	No of Loops	Position of Loop		Agency
1	LKO	Kunda Harnam Ganj	PFM-UCR	1	Common loop		Const.
2	LKO	Baryaram	JNH-PFM	2	DN	UP	RVNL
3	LKO	Badshapur	JNH-PBH	1	Common loop		Const
4	LKO	Mahgawan	JNU-SHG	2	DN	UP	Const. (completed on 05.07.22)
5	LKO	Shivpur	BSB-ZBD	1	DN		Const.
6	LKO	Sarkoni	BSB-ZBD	1		UP	Const.
7	LKO	Jaunpur City	ZBD-SLN	1	DN		Const.
8	LKO	Bhadaiyan	ZBD-SLN	1		UP	Const.
9	LKO	Pakhrauli	ZBD-SLN	1	DN		Const.
10	LKO	Adhinpur	SNL-UTR	1		UP	Const.
11	LKO	Trivediganj	SNL-UTR	1	DN		Const.
12	MB	Rasuiya	RSA-BE	2	DN	UP	Const.
13	MB	Duganpur	BE-MB	2	DN	UP	Const. 50

Mughalsarai - Lucknow - Moradabad - Ambala - Jalandhar - Amritsar (1150 km) - Longer loops

S.No	Division	Station	Section	No of Loops	Agency
14	UMB	New Pilkhani	SRE-UMB	2 (UP & DN)	DFC
15	UMB	New Kalanaur	SRE-UMB	2 (UP & DN)	DFC
16	UMB	New Shambhu	UMB-RPJ	2 (UP & DN)	DFC
17	FZR	Sahnewal	UMB-LDH	1 (DN loop)	Const
18	FZR	Dhandari Kalan	UMB-LDH	1 (Up loop)	Const
19	FZR	Ladhowal	LDH-JRC	2 (UP & DN)	Const
20	FZR	Chiheru	LDH-JRC	2 (UP & DN)	Const
21	FZR	Kartarpur	JUC-ASR	2 (UP & DN)	Const
22	FZR	Jandiala	JUC-ASR	2 (UP & DN)	Const
23	FZR	Manawala	JUC-ASR	2 (UP & DN)	Const
	Total 35 Loops at 23 stations				
		Construction	19	27	
		DFC	03	06	
		RVNL	01	02	
		Total		35	51

Other Longer Loops (in different works)

S.No	Division	Station	Section	No of Loops	Work description & Agency
1	Moradabad	Neri	RAC-SPC	2 (UP & DN)	Constructed under doubling work of RSA-SPC (Const.)
2	Lucknow	Rasauli	BBK-AYC	1 (UP)	In doubling work of BBK-FD. (Const.)
3	Lucknow	Misrauli	AME-CIL	1 (one Common loop)	Constructed under doubling work of AME-CIL. (Const.)
4	Delhi	Kumbhawas	DLI-RE	2 (UP & DN)	ESP is yet to approved. (In DFC work)
5	Ambala	New Sarai Banjara	RPJ-LDH	1 (one Common loop)	ESP approved. (In DFC work)
6	Ambala	New Sirhind	RPJ-LDH	2 (UP & DN)	ESP approved. (In DFC work)
		Total 09 loops at 06 station		9	