

Achievement of Construction Department during year 2022-23

SN	Description
1	Khatipura (Jaipur) new terminal station is commissioned on 20.01.2023.
2	CRS authorization of Lalsot - Piplai (26.0 Km) part of Dausa-Gangapur city New Line Project (94.65 Km) issued on 09.03.2023.
3	Pipar Road- Raika Bagh (45.50 km) part of Degana-Raika Bagh doubling project (145 Km) commissioned on 17.02.2023.
4	CRS authorization of Kharwachanda- Jai samand Rd. (37.0 Km) part of Udaipur- Himmatnagar GC Project (208 Km) issued on 05.10.2022. Passenger train service started on 31.10.2022.
5	Kharia Khangar- Pipar Road (30.46km) part of Degana-Raika Bagh doubling project (145 Km) commissioned on 21.06.2022.
6	New crossing station “ Goriyan ” & “ Chhota Gudha ” part of Jaipur-Rinagus-Churu & Sikar-Loharu GC project (320 km) commissioned on 12.05.2022 & 05.01.2023 respectively.
7	16,92,270 Cum of Earthwork have been done for the current financial year.
8	1,10,361 Cum of Blanketing has been done for the current financial year.
9	2,58,630 Cum of Ballast supply has been done for the current financial year.
10	02 Nos. Major bridges have been completed for the current financial year.
11	22 Nos. Minor bridges have been completed for the current financial year.
12	15 Nos. ROBs have been completed for the current financial year.
13	40 Nos. RUBs have been completed for the current financial year.
14	38 Nos. LC elimination have been done for the current financial year.

Achievement of Construction Department during year 2021-22

SN	Description
1	Borawar-Kuchaman city (20 km) DL part of Phulera-Degana doubling project commissioned on 15.03.2022.
2	CRS Inspection of Dungarpur-Jaisamand (52 km) GC part of Udaipur-Himmatnagar (208.48 km) Gauge conversion done on 05 & 06.03.2022.
3	Merta Road-Kharia Khangar (26 km) DL part of Degana-Raika Bagh doubling project commissioned on 24.12.2021.
4	Mavli Jn. - Bari Sadri (82.01 km) GC MM of AII-COR GC project has been commissioned on 11.02.2022.
5	Kaymsar (QMSR) station at Km 58.717 in Sikar-Churu section has been commissioned in Dec-2021.
6	Degana-Merta Road (44.077 km) DL part of Degana-Raika Bagh doubling project commissioned on 24.12.2021.
7	Suratgarh Thermal Power Station (STPS) yard has been commissioned on 05.11.2021 with line no.6 to 10 and 21 to 23 (Interlocked lines) and line no.16 to 20 (Non-interlocked lines) for Goods Traffic.
8	Sadulpur bypass NL (3.36 km) has been commissioned on 22.11.2021.
9	Rashidpur Khori (RDK) station at Km 15/1-2 in Sikar-Churu section has been commissioned in Oct-2021.
10	Borawar-Degana (39.936 Km) part of Phulera-Degana Doubling project commissioned on 27.10.2021.
11	Sadulpur station NI commissioned on 28.06.21 along with STD-II R MACLS along with Electronic Interlocking in connection with Sadulpur bye-pass.
12	Electronic interlocking (EI) work of Mavli Jn. has been completed with NI of Mavli yard during the current financial year.
13	6,12,300 cum of earthwork has been done for the current financial year.
14	1,50,395 cum of blanketing has been done for the current financial year.
15	3,25,920 cum ballast supply has been done for the current financial year.
16	09 nos. Major bridges have been completed for the current financial year.
17	54 nos. Minor bridges have been completed for the current financial year.
18	12 nos. ROBs have been completed for the current financial year.
19	26 nos. RUBs have been completed for the current financial year.
20	41 nos. LC elimination have been done for the current financial year.

Achievement of Construction Department during year 2020-21

SN	Description
1.	CRS inspection of Piplai-Gangapur city section (24.72 km) part of Dausa-Gangapur city New Line project (92.67 km) was done on 09.03.2021 & CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 50 Kmph.
2.	CRS Inspection of Dungarpur-Raighadh (70.73 km) GC part of Udaipur-Himmatnagar (208.48 km) Gauge conversion done on 21.12.2020.
3.	CRS inspection of Ajmer-Daurai (8.43 Km) part of Ajmer-Bangurgram (48.43 km) doubling project, done on 20.03.2021 along with Ajmer yard modifications. With this complete project has been commissioned.
4.	CRS inspection of Sendra-Haripur (19 Km) part of Bangurgram - Guriya (47 Km) doubling project, done on 11.03.2021. With this complete project has been commissioned.
5.	CRS inspection of Jethi - Karjoda (10 km) part of Sarotra- Karjoda Doubling done on 18.09.20 with this complete section has been commissioned.
6.	Newly constructed BG non-electrified Bye-pass track from Madar to Adarshnagar (5.41 Km) was opened for Goods traffic at maximum permissible speed of 60 Kmph vide GM/NWR authorisation letter dated 21.10.2020. Goods Train operation started from 21.10.2020.
7.	Daurai, Adarsh Nagar and Madar Junction alteration works commissioned on 30-09-2020 in connection with DFC connectivity and dismantling of Garhi Malliyan Cabin.
8.	Bais Godam stabling lines (5 Nos) - commissioned on 11.11.2020.
9	Getore Jagatpura UP Loop Line - commissioned on 15.01.2021.
10.	Major Yard Remodelling with New Distributed EI with 274 routes at Ajmer Yard commissioned on 20.03.2021.
11.	Mirzapur- Bachod Goods Yard with 02 Loop Lines and 2 Goods Platforms completed and commissioned on 15.02.2021(DFCCIL Deposit Work).
12.	Madar-Adarsh Nagar Bye pass line of 7.16 Km commissioned for Goods Trains on 21.10.2020 and for passenger Trains on 20.03.2021 (DFCCIL Deposit Work).
13.	Track linking of Mavli-Bari Sadri (82.50 Km) GC project has been completed and commissioning of this project has been planned in Sep-2021.
14.	Total 127 km track linking done during the year.
15.	16 nos. ROBs have been completed in the current financial year.
16.	79 nos. RUB/LHS have been completed in the current financial year.
17.	04 major bridges have been completed for the current financial year.
18.	136 minor bridges have been completed for the current financial year.

Achievement of Construction Department during year 2019-20

SN	Description
1.	CRS inspection of Dhigawara-Bandikui (33.37 km) part of Alwar Bandikui Doubling done on 26-27.02.2020 and section Commissioned on 27.02.2020.
2.	CRS Inspection of Jaipur -Ringas section of Jaipur-Ringas-Sikar-Churu GC Project done on 24-25.04.2019. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 110 Kmph vide letter dated 27.04.2019. Jaipur -Ringas section commissioned on 21.10.2019
3.	CRS Inspection of Raighadh-Himmatnagar (24.00 km) GC part of Udaipur-Himmatnagar (208.48 km) Gauge conversion done on 26.05.2019. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmph vide letter dated 31.05.2019.
4.	CRS Inspection of Daurai-Mangaliyawas part of Ajmer-Bangurgram (48.43 km) Doubling done on 27/28.11.19. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 70Kmph. Section commissioned on 28.11.2019.
5.	Thaiyat Hamira-Sanu (Goods Line) (58.50 Km) NL has been inspected by SAG team of NWR on 27.12.2019. Section commissioned for Goods trains at the max permissible speed of 80 kmph on 02.01.20.
6.	CRS Inspection of Udaipur-Kharwachanda (24.26 km) GC part of Udaipur-Himmatnagar (208.48 km) Gauge conversion done on 15.01.20. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 95Kmph.
7.	CRS inspection of Bhimana -Abu Road (17.00 Km) Part of Swaroopganj-Abu Road (25.36 Km) doubling done on 24.01.2020& section commissioned on 24.01.2020.
8.	CRS inspection of Abu Road -Mawal (10.00 Km) Part of Abu Road- Sarotara (23.12 Km) doubling done on 24.01.2020& section commissioned on 24.01.2020.
9.	CRS Inspection of Bangurgram-Sendra (19 km) part of Bangurgram-Guriya (47 km) Doubling done on 25.02.2020. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 85Kmph. Section commissioned on 25.02.2020.
10.	Track linking has been completed in Dungarpur-Raighadh Road part of Udaipur-Himmatnagar GC Project.
11.	18 ROBs have been completed for the current financial year, against Railway Board's target 18.
12.	188 LHSs have been completed for the current financial year, against Railway Board's target 185.
13.	15 major bridges have been completed for the current financial year.
14.	117 minor bridges have been completed for the current financial year.

Achievement of Construction Department during year 2018-19

SN	Description
1.	CRS inspection of Palsana-Ringas (23.00 km) section Part of Jaipur-Ringas-Churu & Sikar-Loharu (320.04 km) Gauge conversion project done successfully on 26.10.2018. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmph on 29.10.2018. Sikar-Ringas (50.00 km) Section commissioned on 27.01.2019 and Dedicated to public by Hon'ble MOSR Shri Manoj Sinha on 21.02.2019 at Jhunjhunu Railway Station.
2.	CRS inspection of Bangargram-Mangaliyawas (21.00 km) Part of Ajmer-Bangurgram (48.43 km) doubling done on 13.04.2018. CRS has authorized opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmph on 16.04.2018. Section commissioned on 27.09.2018.
3.	CRS inspection of Haripur-Guriya (9.00 km) Part of Bangurgram-Guriya (45.00 km) doubling done on 14.04.2018. CRS has authorized opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmph on 16.04.2018. Section commissioned on 14.06.2018.
4.	Marwar-Bhinwalia (24.00 km) part of Rani-Marwar (51.82 km) doubling project has been commissioned on 24.04.2018.
5.	CRS inspection of Alwar-Dhigawara (27.00 km) Part of Alwar-Bandikui (60.37 km) doubling done on 30-31.01.2019 & section commissioned on 31.01.2019 and Remote dedicated to public by Hon'ble MOSR Shri Manoj Sinha on 21.02.2019 at Jhunjhunu Railway Station.
6.	CRS inspection of Maval-Jethi (27.00 km) part of Abu Road-Karjoda (46.70 km) doubling project being executed by RVNL has been done on 1-2.02.2019 Section commissioned on 02.02.2019.
7.	CRS Inspection of Karjoda-Palanpur (5.40 km) Doubling (RVNL) project done on 18.08.2018 and commissioned on 20.11.2018.
8.	Jharli-Manheru (27.91 km) Doubling part of Rewari-Manheru (69.02 km) Doubling (RVNL) section commissioned on 25.12.2018.
9.	Rani-Bhinwalia (27.82 km) Doubling part of Rani-Marwar Jn. (51.82 km) Doubling, commissioned on 03.01.2019.
10.	Standard-II (R) interlocking work at Nokha station of Merta Road-Bikaner section commissioned on 06.05.2018.
11.	Work of Bhiwani-Bye-pass line under PH-16 (Traffic facility work) commissioned on 05.08.2018.
12.	Standard-II (R) interlocking work at Nagaur station under PH-16 (Traffic facility work) of RaikaBagh-Phalodi section commissioned on 31.08.2018.
13.	640 m long 3 rd pit line completed & commissioned at Madar as a part of PH-42 work, which will help in better coach maintenance facility at Madar and reduce congestion at Ajmer.
14.	Kishangarh Phase-II work has been commissioned on 14.05.2018. This will not only be facilitate DFCCIL to lay their track but also removed PSR of 70 kmph for both side road in affected stretch.
15.	DEMU maintenance facilities work at Merta Road (Under PH-42) commissioned on 03.07.2018.

SN	Description
16.	1ROBs have been completed during March'19, bringing cumulative progress to 11 for the current financial year, against Railway Board's target 15 .
17.	45 LHS have been completed during February'19, bringing cumulative progress to 154 for the current financial year, against Railway Board's target 150 .
18.	8 MLCs have been closed during February'19, bringing cumulative progress to 31 for the current financial year, against Railway Board's target 40 .
19.	10 UMLCs have been closed during February'19, bringing cumulative progress to 61 for the current financial year, against Railway Board's target 59 .
20.	<p>2.70 km of track linking has been completed during May'18 in Raigarh Road-Himmat Nagar part of Udaipur-Himmatnagar GC Project in loop lines. Now linking of this section is completed.</p> <p>2.00 km (LL) of track linking has been completed during March'19 in Udaipur-Kharwachanda part of Udaipur-Himmatnagar GC project, bringing the cumulative progress to 24.26 km against the target of 24.26 km. Main line + 4.24 km Loop line.</p> <p>0.55 km of track linking has been completed during January'19 in Dungarpur-Raighadh Road part of Udaipur-Himmatnagar GC Project, bringing the cumulative progress to 42.35.00 km against the target of 70.73 km.</p>
21.	1.00 km of track linking on service rails has been completed during June'18 in Palsana-Ringus part of Jaipur-Ringas-Sikar-Churu GC Project. Now linking of this section is completed.
22.	5.00 km of track linking on service rails has been completed during January'19 in Jaipur-Govindgarh part of Jaipur-Ringas-Sikar-Churu GC Project, bringing the cumulative progress to 40.00 km against the target of 40.00 km . Now linking of this section is completed.
23.	4.92 km of track linking on service rails has been completed during March'19 in Govindgarh-Ringas section of Jaipur-Ringas-Sikar-Churu GC Project, bringing the cumulative progress to 18.28 km against the target of 18.28 km . Now linking of this section is completed.
24.	4.50 km of track linking has been completed during March'19 in Dungarpur-Raighadh Road part of Udaipur-Himmatnagar GC Project, bringing the cumulative progress to 51.50 km against the target of 70.73 km .
25.	3.00 km of track linking has been completed during August,18 in Alwar-Dhiwar part of Alwar-Bandikui doubling project, bringing the cumulative progress to 27.00 km (24.00 km in last financial year) against the target of 27.00 km . Now linking of this section is completed.
26.	10.94 km of track linking has been completed during October'18 in Rani-Bhinwalia part of Rani-Marwar doubling project, bringing the cumulative progress to 29.94 km against the target of 29.94 km . Now linking of this section is completed.
27.	2.00 km of track linking has been completed during March'19 in Daurai-Mangaliya Part of Ajmer-Bangurgram (48.43 km) doubling bringing the cumulative progress to 19.00 km against the target of 19.00 km . Now linking of this section is completed.
28.	1.00 km of track linking has been completed during March'19 in Bangurgram- Sendra Part of Bangurgram-Guriya (47 km) Doubling bringing the cumulative progress to 2.00 km against the target of 19.00 km .
29.	2,88,500 cum of earthwork has been done during March'19; bringing cumulative progress to 49,45,500 cum for the current financial year.

SN	Description
30.	2major bridges have been completed during March'19; cumulative progress is 37 for the current financial year.
31.	17 minor bridges have been completed during March'19; bringing cumulative progress is 276for the current financial year.
32.	A total of 9,033 MT of scrap has been offered up to March'19; against Board's target of 13,000 MT, for the year.
33.	NWR construction has been able to commission 219 km (159 NWR + 60 RVNL) of NL, DL and GC during the current financial year up to March' 2019.
34.	As against a target of 15 RoBs, 11RoBs have been completed up to March'2019, and remaining 4 are in advanced stages of construction.
35.	Target of 150 LHSs given has been exceeded and a total of 154 LHSs have been built by NWR/Con up to March'2019.
36.	Three Traffic Facility Works , (Viz. Bhiwani Bye pass, Nokha&NagaurStd Interlocking) have been completed and the target of three works has been met.
37.	Two major works , viz. Lalgargh Station NI and Kishangargh Phase-II have been completed during the year.
38.	Other than this, the following works have also been completed: <ul style="list-style-type: none"> • 640 m long 3rd pit line completed & commissioned at Madar as a part of PH-42 work. • Merta Road Demu shed commissioned on 03.07.2018 as a part of PH-42 work.
39.	As against an allotment of Rs. 1548.20 Cr (FG) (Const. 1462.90 + RVNL 85.30), NWR (Con) has spent Rs. 1564.89Cr (Const. 1487.01 + RVNL 77.88) up to March'2019. Apart from this, Rs. 58.37 cr have also been spent in Ringas Detour (DFC Deposit work) and Rs. 12.50 cr in Ajmer Bypass line (DFC Deposit Work) , during the current financial year, bringing total expenditure by the unit to Rs. 1635.76 Cr.

Achievement of Construction Department during year 2017-18

SN	Description
1.	Hon'ble MR inaugurated introduction of BG passenger train services on Ratangarh-Sardarsahar (46.75 km) on 20.06.2017.
2.	Hon'ble MR inaugurated introduction of passenger trains on Sikar-FatehpurShekhawati (48.00 km) GC (part of Jaipur-Ringus-Churu & Sikar- Loharu (320 km) Gauge conversion project) on 20.06.2017.
3.	<p>CRS inspection of FatehpurShekhawati-Churusection (43.40 km) part of Jaipur-Ringus-Churu & Sikar- Loharu Gauge conversion project (320 km) was done on 18.09.2017 and 19.09.2017 & CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 90 Kmphon 21.09.2017.</p> <p>Hon'ble MOSR Sh. RajenGohain, inaugurated and Flagged off Passenger Train services on 09.12.2017 on FatehpurShekhawati-Churu (43.40 km) GC (part of Jaipur-Ringus-Churu & Sikar- Loharu (320 km) Gauge conversion project).</p> <p>CRS inspection of Sikar-Palsana(27 km) section part of Jaipur-Ringus-Churu & Sikar-Loharu Gauge conversion project (320 km) was done on 26.02.2018. CRS inspection done on 26.02.2018. CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 90 Kmphon 01.03.2018.</p> <p>Ringas-Sikar (50.00 km) Section commissioned on 27.01.2019 and Dedicated to public by Hon'ble MOSR Shri Manoj Sinha on 21.02.2019 at Jhunjhunu Railway Station.</p>
4.	Hon'ble MR dedicated to nation doubling project of Marwar-Chandawal (36.09 km) on 20.06.2017.
5.	CRS inspection of Kosli-Jharli (14.70 km) part of Rewari-Manharu (69.02 km) doubling project being executed by RVNL has been done on 30.11.2017. Section commissioned on 11.02.2018. S&T work in this project has been done by NWR Construction organisation.
6.	CRS inspection of Rani-Moribera (40.16 km) part of Rani-KeshavGanj (59.50 km) doubling project being executed by RVNL has been done on 12 & 13.01.2018. CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmphon 19.01.2018. Section commissioned on 29.03.2018.
7.	Sojat-Chandawal(15.23 km) section part of Guriya-Marwar (43.50 km) doubling commissioned on 27.04.2017.
8.	CRS inspection of Bhinwaliya-Marwar (21.88 km) section part of Rani-Marwar Jn. (54.50 km) doubling project done on 27.02.2018. CRS has authorized the opening of section for the public carriage of passengers at a maximum permissible speed of 100 Kmphon 01.03.2018.
9.	<p>Engine rolldown in DausaDeedwana section (35.44 km) part of Dasa-Gangapur city (92.67 km) on 12.08.2017.</p> <p>CRS inspection of Dausa-Deedwana section (35.44 km) part of Dausa-Gangapur city New Line project (92.67 km) was done on 17.08.2017 and 18.08.2017 & CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 75 Kmphon.</p>
10.	Swaroopgang-Bhimana (8.59 km) part of Swaroopgang-Abu Road (25.36 km) doubling project being executed by RVNL has been commissioned on 23.05.2017.

SN	Description
11.	CRS inspection of new Kishangarh station on shifted alignment conducted successfully on 20.09.2017 and authorisation received on 27.09.2017.
	New Kishangarh station has been completed on 15.12.2017 and New Kishangarh station has been commissioned successfully.
12.	NI of Churu Yard of Sikar-Churu (90.46 km) GC section was commissioned on 06.07.2017.
13.	NI of Sikar yard completed and yard commissioned on 30.11.17. With this, Sikar-Loharu and Sikar-Churu GC project completed.
14.	NI of Chandawal-Guriya section (10.25 Km) part of Guriya-Marwar (43.50 km) doubling project completed on 30.12.2017 and section commissioned.
15.	Hon'ble MOSR Sh. RajenGohain, laid foundation stone of Phulera-Degana doubling project at Borawer station on 09.12.2017.
16.	Standard-II (R) interlocking work at Tiwari,Osian,Bhikamkor,Samrau,&Shaitan Singh Nagarstations of Rai ka Bagh-Phalodi section commissioned on07.04.2017,23.09.2017,30.11.2017,07.01.2018& 11.02.2018respectively. Marwar Lohawatstation completed on 30.03.2018
17.	Standard-II (R) interlocking work at Surpura&Deshnokstations of Merta Road-Bikaner section commissioned on28.07.2017& 24.11.2017 respectively.
18.	06 LHS have been completed during March'18, cumulative progress is 132 against Railway Board's target 125 (Target exceeded).
19.	01 ROB have been completed during March' 18, cumulative progress is 14 against Railway Board's target 14 (Target achieved).
20.	02 MLCs have been closed during March'18, bringing cumulative progress to 22 for the current financial year, against Railway Board's target 33.
21.	08 UMLCs have been closed during March'18, bringing cumulative progress to 90 for the current financial year, against Railway Board's target 50 (Target exceeded).
22.	2.30 km of track linking has been completed during March'18, in Mangliyawas-Bangargram (21.00 km)doubling (part of Ajmer-Bangurgram (48.43 km) doubling Project) bringing the cumulative progress to 21.00 km against the target of 21.00 km (Target achieved).
23.	9.00 km of track linking has been completed during March'18in Haripur-Guriya (Part of Bangurgram-Guriya (47 km) doubling Project) , bringing the cumulative progress to 9.00 km against the total of 9.00 km.
24.	2.50 km of Track linking has been completed during Jan.'18, in Alwar-Dhigawara(27 km) doubling (Part of Alwar-Bandikui (60.37 km) doubling Project) bringing the cumulative progress to 24.00 km against the target of 27 km.
25.	2.60 km of track linking has been completed during Jan.' 18,in Bhinwalia-Marwar doubling project (21.88 km) doubling (part of Rani-Marwar Rani-Marwar Jn. (54.50 km)doubling Project) bringing the cumulative progress to 22.170 km against a target of 21.88 km.

SN	Description
26.	5.00 km of track linking has been completed during Feb.'18, in Kharwachanda-Raighadh Road GC project , bringing the cumulative progress to 16.00 km against the total of 160.22 km .
27.	1.00 km of track linking has been completed during March' 18 in Raighadh Road-Himmatnagar GC Project , bringing the cumulative progress to 17.30 km against the target of 24.00 km .
28.	4.00 km of track linking has been completed during Jan.'18, in Palsana-Ringus GC project , bringing the total progress to 20.00 km out of 23.00 km , on this section.
29.	Total 27.00 km of track linking out of 27.00 km has been completed during 2017, in Sikar-Palsana GC project ,
30.	2,42,000 cum of earthwork done during March' 18, cumulative progress is 37,59,000 cum for the current financial year.
31.	02 major bridges have been completed during March'18; cumulative progress is 30 for the current financial year.
32.	23 minor bridges have been completed during March'18; cumulative progress is 288 for the current financial year.
33.	50 m Tunnelling work done during the March.'18 in Deedwana-Khuntla (Part of Dausa-Gangapur city (92.67km) New Line project, cumulative progress - 1,400 metres out of 2,145 metres .
34.	2,145 m long Lalsot tunnel in Deedwana-Khuntla section, which is Part of Dausa-Gangapur city (92.67km) New Line project, was drilled through on 23.11.2017 . Drilling from both ends met with an alignment error of 60 mm.
35.	A total of 26,157 MT of scrap has been offered up to March' 2018, against Board's target of 20,000 MT , for the current financial year (ahead of Target).
36.	EPC tender (Combining Civil, S&T and Electrical) for Phulera-Degana Doubling (108 km) has been awarded to M/s Punj Lloyd on 09.08.17 . The entire process of preparation of RFQ, RFP and Agreement was completed departmentally without any professional assistance from a consultant. This is the first EPC (Civil + S&T+ Elect Engg.) tender of Indian Railways.

Achievement of Construction Department during year 2016-17

SN	Description
1	Suratpura-Hanumangarh section (174.07 km) Gauge conversion commissioned and passenger train service started on 24.05.16 by Hon'ble MOSR
2	Sojat-Marwar (21 km) doubling project commissioned on 11.02.2017 & Guriya-Sojat doubling (22.64 km) CRS inspection done on 07.03.2017 . NI of Sojat-Chandawal completed on 27.04.2017
3	CRS inspection of Ratangarh-Sardarsahar (46.75 km) Gauge conversion project has been done on 08.03.2017 , authorisation received for speed of 75 kmph .
4	CRS inspection of Sikar-Fatehpur Shekhawati (48.00 km) Gauge conversion project has been done on 25.03.2017, & 26.03.2017 , authorisation received on 27.03.2017 at a speed of 100 kmph.
5	CRS inspection of Rewari-Kosli (28.00 km) part of Rewari-Manharu (69.02 km) doubling project being executed by RVNL has been done on 27.01.2017 . CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 100 kmph on 03.02.2017 . Section commissioned on 05.03.2017 .
6	CRS inspection of Swaroopgang-Bhimana (8.59 km) part of Swaroopgang-Abu Road (25.36 km) doubling project being executed by RVNL has been done on 11.03.2017 . CRS has authorised the opening of section for the public carriage of passengers at a maximum permissible speed of 100 kmph on 14.03.2017 .
7	17 major bridges & 292 Minor bridges have been completed during 2016- 17.
8	10 ROBs have been completed during 2016-17 against Railway Board's target of 10
9	126 LHSs have been completed during 2016-17 against Railway Board's target of 126
10	78 (M-39 + UM-39) LCs have been closed against Railway Board's target 72 (M-11 + UM-61) .
11	Standard II (R) interlocking work at (07 stations) Marwar Chhapri, Khajwana, Badwasi, Chilo, Alai, Palana & Udransar stations of Merta Road-Bikaner section commissioned during 2016-17
12	Standard II (R) interlocking work at (02 stations) Mandor and Mathania stations of Rai ka Bagh-Phalodi section commissioned of Merta Road-Bikaner section commissioned during 2016
13	Jodhpur-Yard remodelling work completed and commissioned on 09.06.16 .
14	RRI of Bhiwani Junction station work completed and commissioned on 04.12.2016

Achievement of Construction Department during year 2015-16

Highlights

- Construction Organisation of NWR has commissioned 331 Km of section during 2015-16, which is the highest in last 04 years.
- Financial targets have also been surpassed by booking an expenditure of Rs. 841 Cr. against RG of 816 Cr.

Achievements

- CRS Inspection of Suratpura-Gogameri (75.86 km) section part of Suratpur-Hanumangarh-Sriganganagar (240.95 km) GC done on 13.02.2016 & 14.02.2016. **Trial run conducted at a speed of 143 kmph and authorised its opening for public carriage of passenger at maximum speed of 100 kmph on 19.02.16.** Suratpura-Gogameri (75.86 km) section handed over to Open Line on 16.02.2016.
- CRS Inspection of Hanumangarh-Gogameri (98.21 km) was done on 14.03.2016 to 16.03.2016. CRS has authorised its opening for carriage of passenger at maximum speed of 80 kmph on 23.03.16.
- CRS inspection of KeshavGanj-Mori Bera Doubling (21.61 Km) section part of Rani-Keshavganj doubling project (RVNL) is completed on 25.01.2016 and CRS authorisation for running of passenger train at 110 Kmph is received. Section commissioned on 15.03.2016.
- Doubling of KeshavGanj- Swarupganj section (26.48 km) of Ajmer division commissioned on 16th April-2015.
- CRS inspection of Sikar-Loharu (122.13 km) section Part of Jaipur-Ringus-Churu & Sikar-Loharu (320 km) Gauge conversion project was conducted on 16.6.2015 to 18.6.15. Authorisation letter for opening of section for public Carriage of passengers at maximum Speed of 90 kmph was received on 26.6.2015. Passenger train service started on 01.9.2015.
- Sikar-Loharu GC section (122.13 km) part of Jaipur-Ringus-Churu & Sikar-Loharu (320.04 km) Gauge Conversion commissioned and passenger train service started on 1.09.2015 by Hon'ble Minister of Railways.
- CRS inspection of Makrana-Bidiyad (9.0 Km) section completed on 26.12.2015 and CRS authorised for running of passenger train at 50 Kmph. Makrana-Parbatsar (21 km) section is opened for traffic by Hon'ble MOSR on 19.01.2016.
- Track linking of Sikar-Churu (GC work) section 41 Km. completed out of target of 40Km.

- Track linking of Guriya-Marwar (Doubling) section 25 km completed out of target of 20.0 km.
- Cumulative progress of ROBs during 2015-16 is 10 nos. against Board's target of 11 nos. The work ROB at Ringus in lieu of LC No. 108 could not be completed due to not handing over the land by Govt. of Rajasthan.
- Cumulative progress of LHSs during 2015-16 is 30 nos. against Board's target of 30 nos.
- Cumulative progress of closure of LCs during 2015-16 is 40 nos. (34 nos. Unmanned and 06 nos. manned) against Board's target of 40 nos.
- **04 nos. minor bridges** completed during March,16. Cumulative during year- 52 nos.
- **01 no. major bridges** completed during March,16. Cumulative during year- 11 nos.
- **Udaipur - Addl. pit line and development of carriage & wagon facilities** commissioned on 30.05.15.
- 11676 MT scrap offered against Board's target of 5,000 MT.
- **After enhanced delegation of power of tendering**
 - (i) Tender for Rani-Marwar Junction doubling project amounting to Rs. 152 crore has been accepted.
 - (ii) Tender for Thiyat-Hamira new line amounting to Rs. 117.34 Cr. has been accepted on 23.03.2016.
 - (iii) Tender for Mavli-Barisadri (82.01 km) GC project of amounting to Rs. 177.43 crore opened on 20.04.2016.

Achievement of Construction Department during year 2014-15

- Bangurgram-Ras (28.50 km) new line project commissioned on 31.01.2015.
- CRS inspection of KeshavGanj-Swarupganj (26.48 KM) - Patch doubling was conducted on 26/08/2014. CRS has authorised to open the section at 100 kmph to be raised to 110 kmph after passage of certain traffic. Section will be opened after NI which has been planned from 06.04.2015 to 15.04.2015.
- CRS inspection of Bhagat Ki Kothi-Luni (28.12 km) doubling was conducted on 25.9.14.
- The work of linking of track on Hanumangarh-Ellenabad section (42.83km) completed. **Engine rolling done** on 17.10.14 between Suratpura-Ellenabad-Hanumangarh section.
- The work of launching of **1x76.20 m Open Web Girder** on major Br. No. 21(A) and **1x61.00 m Open Web Girder** on major Br. No.2A & 14B on Hanumangarh-Ellenabad section completed.
- **Suratgarh - Yard remodelling :-** The work of RRI at Suratgarh and its yard remodelling completed and commissioned on 1.10.14 in a NI period of **08 hrs. duration only**.

ROB/RUB Works: -

- **12 nos. of ROBs** (05 nos. on cost sharing, 03 nos. on NHAI/BOT basis and 04 nos. on deposit basic) completed during 2014-15 against Board's target of 10 nos.

LHS Works: -

- 52 nos. LHSs (MD-PNU - 01 Br. Portion, SIKR-LHU - 28 Br. Portion, SURP-HMH - 05 - Full, UDZ-HMT - 13 Br. Portion & DO-GGC - 05 Full) completed during 2014-15 against Board's target of 40 nos.

Closure of LCs

- **LC Closure - Unmanned (34 nos.) :-** 34 nos. LCs (SIKR-LHU - 16, SURP-HMH - 01, UDZ-HMT - 17) closed during 2014-15 by providing LHSs against Board's target of 25 nos.
- **LC Closure - Manned (30 nos.) :-** 25 nos. by providing LHSs (MD-PNU - 02, SIKR-LHU - 13, UDZ-HMT - 05, HMH-SURP - 05) & 05 nos. by ROB-RUBs (LC - 208A-JU, 31B-JP/SWM, 110-Chomu, 65B-JP/SWM, 36C-MKN) closed during 2014-15 against Board's target of 15 nos.

Bridge works

- 8 nos. major bridges constructed.
- 117 nos. minor bridges constructed.

Traffic facility works

- Suratgarh – Bhatinda Std. II-R work completed (142.33 Km having 11 stations).

Workshop works

- Modernisation of Loco & Carriage workshop completed and inaugurated by GM NWR on 07.11.2014. A cash award of Rs. 15,000/- was given for good quality of work.

Scrap:-

- **829** MT scrap offered during March-15. Cumulative 12,320 MT scrap offered out of total targeted of 9,000 MT.

North Western Railway

Achievement of Construction Department during year 2013-14

Major achievements of NWR Construction during the year 2013-14 are as under –

1. Commissioning of new sections

Hanumangarh-Sriganganagar section (66.01 km) part of Suratpura-Hanumangarh-Sriganganagar (240.95 km) Gauge conversion project opened for passenger services on 29.1.14.

2. Targetted works

Name of work	Type of work	Target	Achievement
Bangurgram-Ras (28.5 km)	New line	28.50 km	28.50 km
Dausa-Deedwana	New line	20.44 km	20.44 km
Suratpura-Ellenabad	Gauge Conversion	131.24 km	131.24m

3. Utilisation of Budget in 2013-14

(Fig in Crores of Rs.)

Plan Head	Allocation	FG	Expenditure	% utilization
New line	Cap	111.10	112.15	100.95%
Gauge Conversion	Cap	224.26	227.42	101.41%
Doubling	Cap	27.25	27.25	100%
Total		362.61	366.82	101.16%

4. ROB/RUB/LHS WORKS

Name of work	Target	Achievement
Construction of ROBs	10 Nos	11 Nos
Construction of RUBs	04 Nos	04 Nos
Construction of LHSs	55 Nos	47 Nos

26 Nos. Level Crossing closed during the year by construction of ROB/RUB/LHS.

5. Bridge works

- 10 Nos Major bridges constructed.
- 134 Nos minor bridges constructed.

6. Scrap Disposal

Target	Achievement
15,000 MT	26,537 MT

In addition 1,386 MT P.Way material (including 1,049 MT scrap of MG) of Agra fort-Bandikui section handed over to open line of Agra division (NCR). This material was lying since 2004-05 after commissioning of GC of AF-BKI. With this there is no released material in this section in the books of NWR.

7. Traffic facility works (PH-16)

- (i) High priority work of Rewari-Hissar Std.-II R interlocking completed.
- (ii) Sriganaganagar yard remodeling & RRI work commissioned along with washing line and sick line complex.

8. Workshop works (PH-42)

- (i) Loco workshop Ajmer- Wheel shop, Bogie shop completed.
- (ii) C&W workshop Ajmer - Coach lifting shop and spring shed completed.
- (iii) Diesel shed BGKT - Construction of new additional shed, new washing pit, new load box and inspection pit with shed completed.

9. System improvements

- (i) E- tendering for procurement of P-way items started.
- (ii) Standard Tender Documents prepared and being updated regularly.

10. On front of Important Legal battle

NWR won the Court case (8 SLPs) in Supreme Court against land acquired for construction of quarters in connection with establishing new zone.

11. Staff quarters in connection with setting up NWR Zone

216 nos. (36 nos Type-IV, 108nos Type-III and 72 nos Type-II) new staff quarters at Jagatpura commissioned during the year in connection with setting up of NWR zone.

12. Human Resource Development

99 posts of technical categories were created. Against these posts all the persons have been recruited out of which 42 persons are undergoing training.

99

Category	No. of Post Sanctioned	No. of Persons Joined	No. of Persons under Training
SSE/Works	09	09	09
JE/Works	51	21	21
SSE/Design & Drawing	09	02	02
JE/Design & Drawing	20	10	10
SSE/Bridge	02	Nil	Nil
JE/Bridge	08	Nil	Nil
Total	99	42	42

13. Important Inaugurations

- (i) Foundation stone of setting up of Greenfield MEMU manufacturing facility at Bhilwara laid by Hon'ble Smt. Sonia Gandhi, Chairperson, UPA and Hon'ble MR Sh. Mallikarjun Kharge on 22.09.2013 at Rupaheli station near Bhilwara
- (ii) Foundation stone of gauge conversion work of Mavli-Bari Sadri laid by Hon'ble Minister for Housing & Urban Poverty Alleviation, Dr. Girija Vyas at Mavli on 16.02.2014.

14. Quality Assurance

- (i) 02 Officers & 13 nos. Supervisors trained in RDSO for Earthwork(FRQC).
- (ii) 1 officer & 1-Design Asstt. trained in RDSO for Design of POT-PTFE bearings.
- (iii) 15 Officers trained in IRICEN.
- (iv) 04 officers & 02 supervisors trained for testing of POT-PTFE bearings in RDSO.
- (v) 71 nos. officers & inspectors of Construction Organisation along with engineers of contractors trained in concrete mix design & good construction practices.
- (vi) No defective weld being left in newly laid track while commissioning GC, doubling and new line projects.
- (vii) All welds are being done by mobile flush welding plants except in scattered locations like distressing and T/out locations.

15. Innovations

- (i) Use of 500 MT capacity road crane, Robotic type (first time perhaps in IR) for launching of Pre cast RCC segments (5.5 x 8.05 x 1.52m) each segment weighing about 67 MT for RUB in lieu of LC-110 near Chomu in single block of 9 hours by cut & cover method.
- (ii) HSEFG bolts used for fabrication of composite girders of ROB near Barmer for the first time in NWR.

16. Efforts on achieving economy

Substructures of 18 nos major bridges retained after NDT testing in Udaipur-Himmatnagar GC project. Earlier they were planned to be reconstructed thus saving of Rs. 13.00 crore approximately.

Achievement of Construction Department during year 2012-13

Gauge Conversion :-

- Sriganganagar-Suratgarh passenger train was flagged off on 08.06.2012 by Hon'ble Chief Minister of Rajasthan and Hon'ble Minister of State for Railways (M). Hon'ble MOSR (M) was pleased to announce a group cash award of Rs. 3 lakh for successful organisation of the function.
- Track linking of Sikar-Loharu (122.13 km) section of Jaipur-Ringus-Churu & Sikar-Loharu (320Km) Gauge Conversion completed and engine rolled on 25.2.2013.
- Track linking of Hanumangarg-Sriganganagar (66.88 km) section of Suratpura-Hanumangarh-Sriganganagar (240.95Km) Gauge Conversion completed and engine rolled.

Doubling :-

- CRS Inspection between Bawal-Anajmandisection of Harsauli-Rewari doubling project has been done on 25.3.12. CRS issued authorization for running of passenger trains with a speed of 80 kmph. Section commissioned on 7.4.12.
- CRS Inspection of Harsauli-Bawal section of Harsauli-Rewari (39.35kms) Doubling conducted successfully on 11.6.2012. This section has been opened to traffic at a speed of 90 kmph on 16.6.12. With this complete Rewari-Alwar doubling has been commissioned.
- Track linking of Keshavganj-Swarupganj (26.48 km) doubling project completed and engine rolled and engine rolled in December 2012.

Traffic Facility Work :-

- Bhagwansar station of Suratgarh-Sarupsar-Sriganganagar GC work commissioned on 29.9.12.
- Jharli station of Rewari-Hissar Std.-II interlocking work commissioned on 30.9.12.
- Charkhi-Dadri station of Rewari-Hissar Std.-II interlocking work commissioned on 31.1.13.

ROB/RUB Works :-

- Jaipur-Ajmer ROB in lieu of LC No. 28 near Kishangarh completed and commissioned in July, 12.
- Rewari-Hissar - ROB in lieu of LC No. 53-C in Bhiwani Yard commissioned in Oct., 12.
- Ajmer-Saradhana - ROB in lieu of LC No. 5-A/2 near Saradhana has been completed and commissioned in Oct., 12.
- Nagaur-Basani Road - ROB in lieu of LC No. 63-C (2 lane) near Nagaur commissioned in January, 13.
- Jaipur-Bandikui - Railway portion of ROB in lieu of LC No. 181 near Dausa commissioned in March, 13.

Railway portion of ROB in lieu of LC No. 325 near Barmer and 111-C near Alwar completed during March, 13.

LHS Works :-

- Bangurgram-Ras New Line Project 12 nos. Limited height subway at Br. No. 5, 6, 8, 15, 26, 31, 33, 43, 48, 51, 56, 57-A Completed.
- Dausa-Gangapur city New Line Project 6 nos. Limited height subway at Br. No. 30A, 48, 56, 63, 65 and 66 completed.
- Makrana-Bidyad Realignment NL Deposit Work 4 nos. LHS at LC No. 2, 3, 4 & 5 Completed.
- Sriganaganagar-Hanumangarh GC Project 5 nos. Limited height subway at LC No. 122, 135, 142, 169 & 178 completed.
- Suratpura-Hanumangarh GC Project 1 no. Limited height subway at LC No. 33 completed.

Other specified work :-

- Six multi-storied towers near Getor Jagatpura Railway station, Jaipur in connection with setting up of new NWR Zonal HQ at Jaipur commissioned.

Scrap:-

- 28915.816 MT scrap offered out of total targeted of 27,000 MT.

Achievement of Construction Department during year 2011-12

New Line :-

- CRS inspected Madar-Pushkar (25.70 Km) New line on 24.05.2011 and issued authorization for running of passenger trains with speed of 90 Kmph on 25.05.2011.
- Ajmer-Pushkar (31.40 km.) New Line has been opened for train operation on 23/01/2012. Train Operation Function Inaugurated by Hon'ble MR, CM & MOS-CIT.

Gauge Conversion :-

- CRS inspected Mavli-Nathdwara (16 Km) GC on 14.04.11 and issued authorization for running of passenger trains with speed of 100 Kmph on 15.04.11.

Doubling :-

- CRS inspected Alwar-Harsauli (34.86 Km) Doubling on 27.04.11 and issued authorization for running of passenger trains with speed of 90 Kmph on 28.04.11.

Traffic Facility Work :-

- Work of "Lalgarh-Suratgarh – Std.-III Interlocking Central Panel, MACLS and block providing by axle counters etc." (PB-32) for all 13 stations completed and commissioned on 26.5.11.
- Bikaner Yard remodelling (Phase-II) commissioned on 8/8/11
- CRS Inspection of Phalodi By-pass done on 24.8.11. Work completed & commissioned.
- Bikaner yard handed over to division on 26.12.2011.

ROB/RUB Works :-

- ROB in lieu of LC No. 138 at Bikaner; LC No.57 at Rewari, LC No.134 at Abu-Road, LC No. 63 near Mandal and LC No. 19-C Rewari-Hissar : - Completed & commissioned in 2011-12.
- ROB in Railway portion at LC No.28 - Kishangarh ; LC No. 36-C Kuchaman City- Makarana ; LC No. 117 (Deposit work) at Alwar and ROB at Dausa By-pass:- Railway Portion work completed
- RUB between Jaipur-Kanakpura section (km 242/7-8) completed and opened for traffic on 23.9.2011.
- Rewari-Hissar-Bhatinda - ROB in lieu of LC No. 19-C (2 lane) completed and opened for traffic in Jan 2012.
- 13 No's RUB accommodation work in Dausa-Gangapur City NL completed

Other Works :-

- Training in concrete technology with special emphasis on concrete mix design was conducted at Jaipur from 14.10.11 to 16.10.11. Total 35 officers (including 4 CE/C s) and inspectors attended the training. Practical demonstration of mix design was given. After the training 8 nos. of officers and inspectors have carried out mix design at site themselves. It is expected to improve quality of concrete work substantially in a systemic way.