

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

No.W-1/6/Pt. ~~12~~/Engg.

Dated : 08.01.2026

REVISED OFFICE ORDER

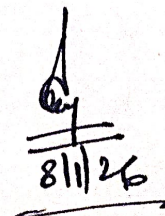
Sub:- Duty list of SAG Officers of Engineering Department.

Ref:- NR HQ. Letter of even no. dated 31-10-2019 & 01.07.2020 & 15.09.2022 & 30.09.2025.

Following duty list of SAG officers is being issued in supersession to earlier duty lists:

1.0 CHIEF BRIDGE ENGINEER:

1. All matters concerning to Bridges & Steel Structures.
2. All Bridge Repair, Maintenance, Strengthening, Rehabilitation & rebuilding works being executed by division & coordination for works being executed by other agencies.
3. All matters related to Tunneling and Related issues and proposals for same.
4. Works Programme chargeable to PH-32 Bridge Works.
5. Inspections pertaining to bridges & tunnels and related matters and monitoring of approval of GADs for Bridge/Tunnel Rehabilitation works.
6. Scrutiny of Bridge Registers of all Important & Major bridges and Minor bridges (after scrutiny by coordinating SAG) of divisions as per IRBM.
7. Approval of Designs/Drawings and GADs/TADs for all type of bridges from divisions and Construction Organization including Central/State Govt. agencies & public sectors RVNL/DFC etc.
8. Bridge & Structures Standard Committee, CBE seminar and All other technical committees concerning bridge, tunnels, embankments & cuttings
9. All issues pertaining to Indian Railway Bridge Manual, IRS Bridge Rules, Substructure codes and other Codes & Manuals regarding Bridges and tunnels.
10. Issues related with Tramways, Ropeways & Guide ways etc.
11. Cadre control of Bridge Organization including manpower planning of Bridge Staff, filling up of vacancies and organizing training. Control of Bridge design cadre.
12. M&P Programme of Engineering Branch.
13. Floods and Breaches.
 - i. Damage due to flood, Cyclones & Earthquake.
 - ii. Flood protection work & Drainage.
 - iii. Aircraft for Aerial Survey in connection with floods
 - iv. Emergency stores for flood protection works.
 - v. Works & Tanks affecting Railway (RAW, RAT)


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16. Flood Control measures & Flood protection works
 - i. Emergency stores for flood protection works
 - ii. Identification of vulnerable locations
 - iii. All Committees regarding flood protection, RAW, RATs – State Engineers Committee, State Govt. Manual on RAW.
17. Safety and other Engineering measures
 - i. Monsoon Patrolling, Monsoon instructions/precautions and deputing of stationary/mobile watchman at identified locations as per IRBM.
 - ii. Ghat lines and related issues (except track) for infrastructure safety.
18. Coordinating officer for giving clearance for running of Double Stack / Double Stack Dwarf Containers (DSDC) routes Bridge point of view.
19. Cases of PCE/ CRS sanction in respect of Railway Bridges/FOBs and launching schemes for construction of overhead structures.
20. Unified Standard Schedule of Rates for Bridge & formation items. (CE/P&D Nodal officer)
21. Innovations, Modernization and Technological advancement in Bridges & tunnels.
22. Upkeep & Manning of Record Room of Engineering Department.
23. CA-III reference, RTI, Draft Para/Audit Para, Parliament question and other issues related to Parliamentary committees in respect of Railway Bridges.
24. Exercising administrative control of Dy CE/Bridge line for all bridge maintenance works of all divisions as per IR Bridge manual. The day to day monitoring of Bridge Line functions will be done under overall planning & technical control of CBE.
25. Manpower planning and outsourcing of works in Bridge workshop and Bridge line.
26. Procurement of M&P and Planning of other workshop works under PH-41 & 42.
27. Innovations, Modernization & Technological advancements in all related fields.
28. Exercising administrative control of Dy.CE/Br.Line/JAT, for all bridge maintenance works as per IR Bridge Manual. The day to day monitoring of Bridge Line functions will be done under overall planning & technical control of CBE.
29. All policy matters, Bridge maintenance manuals, schedules and special measures required for bridges of newly opened USBRL section.
30. Issue of protection measures required for stabilization of river beds, river channel slopes and scouring near bridge foundation, for all bridges situated in Himalayan Foothills.
31. Assigned work of Bridge Line look after by DyCE/.BW/JRC in addition to his own duties. For these bridges line works, Dy.CE/BW/JRC will report to CBE.
32. Any other works assigned by PCE.


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2.0 CHIEF ENGINEER/RC (ROAD CROSSINGS):

1. Sanction, Monitoring and execution of Construction of Road Over/Under Bridges in lieu of level crossing qualifying for replacement by ROB/RUB.
2. Sanction, Monitoring and execution of construction of Foot Over Bridges for General Public, at places not covered under Passenger Amenity Works and deposit works related with such works.
3. Re-building of ROBs except repairs which shall be done by Division/ Bridge line as per duties specified in IR Bridge Manual.
4. Works Programme for Plan Head – 30 & PH-29 (Only Engineering Works).
5. All the Technical issues and related policies with RFO, ROB & FOB.
6. Technical issues and related policies concerning with level crossing.
7. Coordination of correction slips related to Level Crossings and ROB/RUBs.
8. Reply to all Railway Board, CA-III reference, RTI, Draft Para/Audit Para, MP, MLA references and Parliamentary questions pertaining to Public FOB, ROB/ RUB & Level Crossings and other issues related to Parliamentary Committees.
9. Proposal and sanction of New level crossings.
10. All proposals/decisions related to manning/up-grading of unmanned level crossings including approval of plans.
11. Technical issues and related policies concerning with closure of Level Crossing.
12. Stop Boards and other road warning boards at level crossings.
13. All issues related to infrastructure planning, provision and improvement of level crossing as a result of reclassification, sanctioning & monitoring of all such works.
14. All the sanctions of plans/ drawings and approval of change in aspect, improvement and reclassification of level crossings.
15. PCE/ CRS sanction for closure, upgradation and re-opening of level crossings and approval of all related plans of as per extent instructions.
16. Issue and maintenance of standard drawings of ROB/RUBs.
17. Level crossing works (Civil) on National Highways concerned with PH 29 & 30.
18. All issues regarding processing the proposals for construction of ROB/RUB/Subway in lieu of level crossings qualifying/ expected to qualify for construction of the same for inclusion in Works Programme and nomination of organization for execution of such sanctioned works. Monitoring the progress.
19. Items pertaining to Level crossings/ROB/RUB in connection with construction of other PSUs.
20. Coordination with State Governments/NHAI/Local Bodies/Construction Organization etc. for ROB/RUB and limited height subways.
21. Matters related to Interlocking and upgradation of L-Xing.
22. In charge of Budget and Works Programme and Expenditure control of plan head (PH-29 & 30).
23. Any other duties assigned by PCE.

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3.0 CWM/BW/LKO:

1. Overall Incharge of Bridge Workshop/LKO and responsible for Maintenance, Target and production in Workshop including modernization.
2. Procurement planning of Material, fabrication and dispatch of fabricated girders.
3. Exercising administrative control of Dy.CE/BW/LKO, who is also working as Dy CE/Bridge line for all bridge maintenance works of LKO division as per IR Bridge manual. The day to day monitoring of Bridge Line functions will be done under overall planning & technical control of CBE.
4. Manpower planning and outsourcing of works in bridge workshop and Bridge line works under guidance of CBE.
5. Procurement of M&P and Planning of other workshop works under PH-41 & 42.
6. Production, Stores and Establishment matters, Tenders/contracts with respect to Bridge Workshop/LKO.
7. Training to staff of Bridge Workshop/LKO.
8. Innovations, Modernization & Technological advancements in all related fields.
9. Controlling officer of Gati Shakti Unit LKO works. For GSU/LKO related matters, report to CAO/C/RSP.
10. Any other works assigned by PCE.

4.0 CHIEF ENGINEER /HQ:

1. Overall In-charge of Bridge Workshop/JRC and responsible for Maintenance, Target and production in Workshop including modernization.
2. Production, Stores and Establishment matters, Works Tenders/contracts with respect to Bridge Workshop/JRC.
3. Training to bridge staff of Bridge Workshop/JRC.
4. All matters related to Work Study Reports, Rationalization & redeployment of manpower of Engineering Department.
5. Defining technical eligibility criteria and similar nature of work for all works contractors.
6. Tender and works contract - Policies, Implementation & Monitoring, all matters related to Contract Policy and tender documents.
7. Compendium of Instructions on contract matters.
8. All legal matters and court cases of Engineering Department except those related with the land and Arbitration matters.
9. All policy matters and monitoring items related to Maintenance, Water Supply, Drainage and Sanitation.
10. Issues of Works Standards Committee, Works Manual, Quality control and Quality Audit of works.
11. All contract policy, bidding document, standardization of NS items, service contracts etc.
12. Innovations, Modernization & Technological Advancements in all related fields.
13. All Policy matters related to water supply.
14. Issues related to Installation of solar power panels.
15. All Policy matters related to works.
16. Matters pertaining to Bio-Metric attendance.


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17. Manpower Planning & Human Resource Development including filling up of Vacancies, Indents to RRB/RRC etc.
18. Establishment Matters of Ministerial Staff.
19. Coordination of Reply to all Railway Board, CA-III, MP, MLA references and Parliamentary questions pertaining to matters other than Public FOB, ROB/RUB, Bridges & Level Crossings.
20. Arbitration-All policies, implementation, monitoring and court cases related with Arbitration cases.
21. Any other duties assigned by PCE.

5.0 CHIEF ENGINEER/SD:

1. Nodal officer for Major upgradation of Railway Stations.
2. All policy matters and monitoring items related to Maintenance, Development works for Stations, MEA, facilities for Divyangjan.
3. Planning/Monitoring of all development works at stations including model, modern Adarsh stations (excluding track and bridge works).
4. Co-ordination with RLDA and other PDAs for station development.
5. Over-all incharge for matters related to cadre control of works cadre (IOW Cadre) including cadre planning, creation of posts, promotions, postings, training etc.
6. General arrangement or concept plans of Station Development, Passenger Amenities works like FOB, Platform shelters, modification/alterations in station area etc.
7. Technical scrutiny of all works of passenger amenities of stations in PH-53 before for initiation of proposals for sanction on IRPSM.
8. Innovations, Modernization & Technological Advancements In all related fields.
9. Coordination of Environment related matters at HQ. To disseminate the information Safety at work sites. Quality and Environmental matters to the field officials.
10. Correspondence related with monitoring & progress of Gati Shakti Units.
11. Matter related to planning and Execution of Works in Railway portion under Scheme of Ministry of tourism.
12. Standardization of platform amenities and related works.
13. Standardization of amenities & locations at stations, platforms, offices, ORH and subordination Rest house.
14. Standardization of facilities, amenities /utilities at the Rest House.
15. Monitoring of all works pertaining to sewage and water treatment plants at stations (NSG-1 to NSG-4 stations).
16. Any other work assigned by PCE.

6.0 CHIEF ENGINEER/MRTS:

1. All matters related to Land and Certified Land plans.
2. All matters related to Property Development, Licensing/Leasing of Shops etc.
3. Coordination with RLDA w.r.t. land monetization and colony redevelopment.
4. Functions Pertaining to MRTS, NCRTC & DMRC.
5. Land matters with other Government Departments.

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6. Matters related to sanction and execution of projects on JV, PPE, CSR, MPLAD, Environmental funds etc.
7. Construction of land boundary walls – planning and monitoring.
8. Nodal officer for engineering matters related to NGT.
9. All matters and monitoring related to custody and management of Land including commercial exploitation of land & other Engineering assets viz., leasing, licensing, earnings and encroachments etc.
10. Way leave facility works.
11. Afforestation and issues related with forest deptt.
12. Innovations, Modernization & Technological Advancements in all related fields.
13. Tax matters related to service buildings.
14. Multifunctional complex.
15. GIS-Mapping of Assets.
16. All issues related with Horticulture.
17. Colony care committees monitoring policy.
18. Development works for Colonies and Quarters including corporate welfare plan.
19. Sanction and maintenance of colonies and buildings, Rent matters of society/Bank and all matters related to Quarter Cell.
20. Leasing of private houses, rent and other charges.
21. All matters related to Buildings/ staff quarter etc.
22. Right to Information Act.
23. Any other work assigned by PCE.

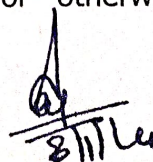
7.0 CHIEF ENGINEER/TMS:

1. Development & Implementation of e-Governance application projects viz. Track Management System (TMS), Bridge management System (BMS), Land Management System (LAMS), Tunnel Management System, Building & Structures Information management system, IR PSM, IR-WCMS, Track Machine management system, IRGIS etc. on Indian Railways as per direction of Railway Board.
2. Estimate finalisation, fund monitoring/controlling for these e-Governance projects' estimates.
3. Preparation & signing of MOU with CRIS as per Railway Board's guidelines for development and implementation of sanctioned works.
4. Releasing of funds to CRIS as per demand and MOU signed.
5. Conduct of Workshops for Zonal Railways and at IRICEN/Pune.
6. Monitoring and providing guidance to CRIS for Application development.
7. Laying down Training schedules for Divisions and monitoring the conduct of same by CRIS.
8. Use of IT for up gradation of skills.
9. Monitoring of all e-Governance application projects viz. TMS/BMS, LAMS etc. data for Northern Railway and ensuring updation of same through concerned HOD at HQ. Monitoring the Rolling out of e-Governance application projects on NR in coordination with concerned HOD.
10. Any other work assigned by PCE&Railway Board.

8.0 CHIEF TRACK ENGINEER:

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1. All track related matters except those specifically allotted to another HOD.
2. Permanent Way Cadre – Creation/Surrender of the posts.
3. Budget and Works Programme for plan Head 31: Track Renewals.
4. Speed Restriction, Engineering Recovery Time, Raising of Speed and Working Time Table.
5. Unified Standard Schedule of Rates for P. Way items. (CE/P&D Nodal officer)
6. Coordination with Operating Department for arranging Locomotives, Rolling Stocks, Traffic block etc.
7. Coordinating officer for giving route clearance for running of CC+8+2 and CC+6+2 trains& other heavy hauling purposed route.
8. Matters related to Track Standards Committee.
9. All issues related to T&P of track except procurement.
10. Ballast: Procurement, Training out and Ballast Specifications.
11. Issues related to Institution of Permanent Way Engineers (India).
12. CRS/GM Sanction for all rolling stock, doubling and new lines, ODC Movement/Sanction and correspondence with CRS/GM in related matters.
13. Policy regarding opening of new lines, doublings etc.
14. Accidents and Accident Enquiry Reports.
15. Safety and Punctuality of Mail/Express Trains.
16. Attending AGM's Punctuality meetings.
17. Disaster Management.
18. Monitoring progress of Track Renewal and other Safety Related Works.
19. Track maintenance issues including Drainage, Formation Treatment and Maintenance Policy etc.
20. Patrolling of track during winter/ summer as per requirement of IRPWM.
21. Uniform of P.Way Staff.
22. Innovations, Modernization & Technological Advancements in all related fields.
23. CTEs conference, PCEs Conference, GMs Conference.
24. Policy and issues relating to operation, maintenance and safety at level crossings including Gate Mitras, Gate lodges and Road surface etc.
25. Necessary man power planning and creation of posts related to track including manning of level crossings.-
26. Coordinating the Studies/Workshops pertaining to Track Modernization.
27. Innovations, Modernization & Technological Advancements in all track related fields.
28. All issues pertaining to Small Track Machines, indenting, policies & cadre.
29. Monitoring performance of materials under trials, innovations and new technologies.
30. Coordinating all matters related to PCDO i.e. Sr. DEN/C's PCDO, Division's PCDO to GM, Pr.CE's PCDO to ME, GM's PCDO and Assistance required from Board etc. and Sr. DEN/C's conference.
31. Monitoring all inspection registers and books related to P.Way.
32. Upkeep of G&SR, Accident Manual, P.Way Manual, LWR Manual and other documents consisting of Rules, Acts, Codes & Manuals related with his duties.
33. USFD and related works.
34. Analysis of TRC/OMS results, maintain data base & put up reports to CTE/PCE
35. Welding & works related to innovations & improvisation in welding Fields.
36. All issues related to TPP/Lucknow in HQ under Technical control of CTE.
37. Procurement of T&P, furniture office equipments and other items for Engineering Department, HQ office through COS or otherwise, Stores


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- procurement through COS, PL No. updating and revision and introduction of new items and deletion of obsolete items. Membership of institute's nation, international like IBE, IIBE, ICE, ASCE etc.
38. Maintenance of assets including vehicles.
 39. Track monitoring.
 40. Utilization of Establishment Provisions in Sanctioned Estimates.
 41. **Thermit Portion Plant/LKO** Production planning under overall planning & technical control of CTE, arranging stores and all Establishment matters, Tenders/contracts with respect to Thermit Portion Plant/LKO.
 42. Training to staff of TPP/LKO.
 43. Any other duties assigned by PCE.

9.0 CHIEF ENGINEER/TSP (TRACK SUPPLY PLANNING):

1. All matters related to procurement of P.Way fittings.
2. Procurement of sleepers & all matters related to PRC Sleepers.
3. Concrete Sleeper Plants including functioning of CSP/KSF at Khalispur and all related establishment & other matters.
4. All matters pertaining to Inspection of ERC, Metal Liners & fittings etc.
5. Innovations, Modernization & Technological Advancements in related fields.
6. Monitoring the timely supplies of Track Fittings to match with the physical targets.
7. Any other work assigned by PCE.

10.0 CHIEF ENGINEER/TMC (TRACK MACHINES):

1. All issues related to Operation and Maintenance of all types of 'ON' Track Machines (except Mobile Flash Butt Welding & USFD machines).
2. Arranging pre-despatch inspection of new on track machines allotted by Rly. Board.
3. Procurement of spares for "ON' Track machines.
4. Cadre control of Track Machine Staff including creation of additional posts as per requirement, submission of indents to RRC and training of staff at IRTMTC or in-house.
5. All issues related with Seminar of CE/TMCs and follow up.
6. Development work instructions /procedures for good operation and maintenance of track machines and issues the same for implementation with the approval of PCE.
7. Monitoring of all issues related with Track Machines and operating staff with divisions.
8. Preparing annual deployment plan of Track machines over Northern Railway in consultation with CTE.
9. Preparing, analyzing and put up daily/weekly/monthly performance report of all track machines.
10. Planning and monitoring of all scheduled POH/ROH and other preventive & breakdown maintenance of Track machines as per schedules given in IR track machine manual.


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11. Outsourcing of machine operating staff or track maintenance activities as per policy instructions issued by Railway Board.
12. To plan for entering into Annual Maintenance Contracts (AMCs) for important parts/components of Track Machines & Engines with OEMs as per IR Track machine manual.
13. Monthly joint planning of traffic blocks with CPTM and monitoring the progress of Track machines as per deployment plan issued.
14. Disposal/Condemnation of overage Track Machines as per specified instructions of Railway Board.
15. Developing additional satellite Depots as per increasing number of machines & to meet their repair demands to improve working availability of track machines.
16. Innovations, Modernization & Technological Advancements in track machine fields.
17. Any other work assigned by PCE.

11.0 CHIEF ENGINEER/ P&D (PLANNING & DESIGN):

1. Overall planning and control of Revenue Budget of Engineering Department.
2. Overall in charge of Budget and Works Programme of zonal Railway - Expenditure control of all plan heads except Track renewals, Bridge works (PH-29,30, 31&32).
3. E-working in Official Functioning – Availability of Type Plans on Web (Internet). and website updation of Engg. Department (Nodal officer)
4. Computerization of Engineering Department.
5. Matters related to Information Technology & MIS.
6. Provision of CUG sim.
7. Matters related to planning and execution of works in Railway portion for DFCCIL, RVNL, other Metros, RRTC and MOT etc.
8. Standard Schedule of Rates for Works & Standard Specifications for Works & Materials.
9. Progress and review of Works through IRPSM and matters pertaining to works programme except PH-31 on IRPSM.
10. Approval of ESPs, L-sections and other technical drawings for various works of open line and Construction Organization including public sector undertakings such as RVNL/DFCCIL etc..
11. NR System map & Divisional maps, ODC profiles booklet and issuance of form XVII.
12. Matters pertaining to Heritage Structures.
13. IT initiatives, e-office management and laptop reimbursement for -in Engg. Deptt (Nodal Officer).
14. Monitoring of key tasks assigned to PHODs for the Dashboard items (being monitored by Hon'ble MR), pertains to works program.
15. Design of RCC Structures - Latest Tools, Software, Methodology, Concepts & Solutions.
16. Standardization of Plans for various utilities & uses.
17. Cadre control of Drawing and Design (D&D) Cadre. Creation of additional posts as per requirement, filling up of vacancies by promotion, submission of indents to RRC and training of staff in-house.
18. Deposit works.

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19. Nodal officer for Schedule of rates: DSR, USSOR for other works not included in DSR as per prevalent guidelines for Railway Board and approval of Brands/make list.
20. Matters pertaining to File Tracking System (FTS).
21. Monitoring and control of funds for works under MPLAD and CSR funds
22. Any other work assigned by PCE.

12.0 CHIEF ENGINEER/GENERAL:

1. All matters related to sidings, Assisted and Private Siding.
3. Audit and Account Inspection reports, Draft/Provisional/Audit Para pertaining to Engg. Deptt.
4. Rajbhasha.
6. Policy of Hiring of Vehicles (Division & HQ)
8. Training manager for Engineering Officials. Up-gradation of skills of Gr. C & D Staff. To monitor Divisional & Zonal Training Institutes for P.Way and Works.
9. Matters related to Schedule of Powers.
12. Matters pertaining to Accounting Reforms relating to Engineering Department.
13. All PNM meeting with Unions including Divisional items of unions pertaining to HQ. Meeting of PREM, Federations, NROA, NRPOA etc.
14. Interaction with other authorities GRP, RMS, P&T Deptt. Associations etc.
15. Inspection notes of all officers (SAG/PHOD/GM/Rly. Bd. Etc.)
16. Nodal officer for sending replies on E-inspection portal on behalf of PCE, collecting replies/compliance of all inspection notes of GM, PCE and Railway Board officers and put up monthly summary to PCE.
17. Online Public Grievances CPGRAMS, ShikayatNiwaran of Engg. Deptt.
18. ZRUCC Meeting & Coordination for GM Narrative Reports.
19. RRC, Parliamentary and other Committees.
21. Upkeep and maintenance of PCE office (Secy/PCE will assist.)
22. Matter related to cleanliness drive (Swatchta Abhiyan) and similar activities.
23. All Legal Matters and Court Cases of Engineering department except those related with land matters.
26. Any other work assigned by PCE.

This issues with the approval of the Competent Authority.


8/11/26
(Anurag Joshi)

Secy. to Pr. Chief Engineer

Copy forwarded for information and necessary action to:-

1. Secy./GM for kind information please.
2. Secy./AGM for kind information please.
3. CAO/C-I, II & CAO/USBRL, K. Gate, Delhi for kind information please.
4. CPD/SD
5. CTE, CBE, CE/TSP, CE/P&D, CE/G, CE/MRTS, CE/TMC, CE/TMS, CE/RC, &CE/HQ
6. DRMs & Sr.DEN/C/ FZR, UMB, DLI, LKO, MB & JAT.
7. All Dy. CEs, SS & JS officers, HQ office, Baroda House, New Delhi.
8. Emergency Cell, Operating Deptt., CMTS/HQ & Ch.OS/Cord. HQ Baroda House, New Delhi.