भारत सरकार Government Of India
रेल मंत्रालय Ministry Of Railway
(रेलवे बोर्ड) (Railway Board)

No. 2010/EDCE(G)/Misc./8 New Delhi, dated 14.09.2010

The General Manager,
All Indian Railways.

विषय : Role of SAG officers of Engineering Department on Open Line Organisation of Zonal Railways.

संदर्भ : Railway Board's letter no. 90/CE-II/Misc./6, New Delhi, dated 24.5.90.

For quite some time, need was felt for reviewing the role of SAG officers of Engineering Department in Open Line Organisation of Zonal Railways, since the instructions on the subject, contained in letter under reference are about 20 years old.

As opposed to the conditions of yester-years, the present day track and other assets are modern ones, on concrete sleepers, increased ballast cushion, LWRs, mechanized maintenance practices supported by Track Management System and other advanced managerial tools & well supplemented with most modern communication systems.

Due to above-mentioned advancements, the earlier institution of 'Territorial Head Of Department' (THOD) for faster decision making and guidance to Divisions has undergone a major shift With the desire of Indian Railways to catch up with the Developed World through ushering of modern technologies, emphasis on domain knowledge including design solutions has now increased.

Hence, in the present scenario, it is imperative to have the knowledge centres in HQ through SAG officers and for this, it is necessary that they be relieved of their current territorial functions. The functional assignments of SAG officers may be decided depending upon changing scenario of advanced technologies and modern/improved practices with the objective of improving domain knowledge base of Civil Engineering discipline in particular and of Indian Railways in general.

It has, therefore, been decided that henceforth, SAG officers of Engineering Department in Open Line Organisation of Zonal Railways will have only functional assignments and existing role of THOD is dispensed with. It is in supersession to all earlier instructions on the subject. Assignments and designations to these officers are broadly mentioned in the Annexure for uniform adoption on Indian Railways. Zonal Railways may redistribute the functions based on posts available with them.

This is issued with the approval of Railway Board (Member Engineering).

Receipt of the letter may please be acknowledged.

Annexure / As Above

(आलोक कुमार) 14.9.10
कार्यकारी निदेशक/सिविल इंजीनियरिंग/सा./रेलवे बोर्ड

- **Copy to** Principal Chief Engineers, all Indian Railways for information & necessary action.

[Annexure to Railway Board's letter no. 2010/EDCE(G)/Misc./8, New Delhi, dated 14.09.10]

Engineering SAG Officers & Their Duties On Open Line Organisation

Duties of SAG officers are mentioned hereunder quite broadly. These assignments may suitably be distributed amongst available no. of SAG officers on Zonal Railways. Pr.CEs may further decide additional items including attention to emergencies on Divisions on need basis.

1. Chief Track Engineer

(i) Permanent Way Cadre
(ii) Overall Coordination Of All Track Related Subjects
(iii) Budget And Works Programme - Plan Head : Track Renewals
(iv) Speed Restrictions, Engineering Restriction Time And Working Time Table
(v) Unified Standard Schedule Of Rates For P.Way
(vi) Coordination With Operating Department Arranging Locomotives, Rolling Stocks, Traffic Blocks etc.
(vii) Track Management System
(viii) Track Standards Committee
(ix) Level Crossings - Inspection, Maintenance, Manning, Upgradation And CRS Sanction
(x) G&SR, Accident Manual, P.Way Manual, LWR Manual And Other Rules, Acts, Codes & Manuals Related With His Duties
(xi) Ballasting And Ballast Specifications
(xii) Patrolling Of Track
(xiii) Trials Of New Developments
(xiv) Procurement And Maintenance Of Small Track Machines
(xv) Institution Of Permanent Way Engineers (India)
(xvi) CRS Sanction, ODC Movement/Sanction
(xvii) Policy On Opening Of New Lines
(xviii) Accidents And Accident Enquiry Reports
(xix) Safety And Punctuality Of Mail/Express Trains
(xx) Disaster Management
(xxi) Monitoring Progress Of Track Renewal And Other Safety Related Works
(xxii) Track Maintenance Issues Including Drainage, Formation Treatment etc.
(xxiii) Uniform Of P.Way Staff
(xxiv) Monitoring Of Inspections Of Track
(xxv) Innovations, Modernisation & Technological Advancements In All Related Fields

2. Chief Bridge Engineer

(i) Bridge Cadre
(ii) All Matters Concerning To Bridges & Steel Structures
(iii) Design Of Bridges & Steel Structures - Latest Tools, Methodology, Concepts & Solutions
(iv) Bridge Workshops
(v) Budget And Works Programme, Plan Head "Bridge Work"
(vi) M&P Programme Of Engineering Branch
(vii) Flood Control
(viii) Railway Affecting Works
(ix) Road Under/Over Bridges And Foot-Over-Bridges : Planning & Monitoring Of Execution

(x) Codes & Manuals Pertaining To Bridges
(xi) Coordination With State Governments/NHAI/Local Bodies/Construction Organisation etc. for ROB/RUB and limited height subways
(xii) Innovations, Modernisation & Technological advancements in all related fields

3. Chief Engineer/General

(i) Manpower Planning & Human Resource Development
(ii) Contract & Arbitration - Policies, Implementation & Monitoring
(iii) Utilisation Of Establishment Provisions In Sanctioned Estimates
(iv) Training Manager For Engineering Officials
(v) Upgradation Of Skills Of Gr. C & D Staff
(vi) Meetings Of PNM, PREM, Federations etc.
(vii) Establishment Matters Of Ministerial Staff
(viii) RRC, Parliamentary And Other Committees.
(ix) Assisted And Private Sidings
(x) Audit And Account Inspection Reports
(xi) References From MR, MP, MLA, Railway Board & CA-III
(xii) Parliament Questions
(xiii) Maintenance Of Colonies And Buildings
(xiv) Matters Related To House/Quarter Allotment Including Policy.
(xv) All Legal Matters And Court Cases
(xvi) ZRUCC Meeting
(xvii) Right To Information Act
(xviii) Innovations, Modernisation & Technological Advancements In All Related Fields

4. Chief Engineer / Planning & Design

(i) Budget And Works Programme Incharge For Zonal Railway
(ii) Design Of Structures - Latest Tools, Methodology, Concepts & Solutions
(iii) Standardisation Of Plans For Various Utilities & Uses
(iv) Drawing And Design Cadre
(v) World Class Stations
(vi) Expenditure Control
(vii) e-Working In Official Functioning - Availability Of Type Plans On Web (Internet)
(viii) Computerisation On Engineering Department
(ix) Matters Related To Information Technology & MIS
(x) Water Supply & Drainage Plans At All Stations & Colonies
(xi) Passenger Amenities - Model, Modern, Adarsh Stations & Multi-functional Complex
(xii) Provision Of CUG Phones
(xiii) Innovations, Modernisation & Technological Advancements In All Related Fields

5. Chief Engineer/Works

(i) Works Cadre
(ii) Unified Standard Schedule Of Rates & Standard Specifications For Works & Materials
(iii) Works Standards Committee
(iv) Works Manual
(v) Water Supply - Planning, Sanction, Execution & Monitoring Quality
(vi) Drainage - Planning, Sanctions & Monitoring
(vii) Horticulture
(viii) Works Study Reports
(ix) Schedule Of Powers
(x) Quality Control & Quality Audit Of Works

(xi) Revenue Budget Of Engineering Department
(xii) Compendium Of Instructions
(xiii) Civil Engineering Library
(xiv) Stores Procurement Through COS, PL No. Updation & Revision
(xv) Membership Of Institutes (National, International Like IBC, IIBE, ICE, ASCE etc.
(xvi) Interaction With Other Authorities - GRP, RMS, P&T Deptt., Associations etc.
(xvii) Innovations, Modernisation & Technological Advancements In All Related Fields

6. <u>Chief Engineer / Track Supply Planning</u>

(i) All Matters Related To Procurement Of Track Fittings
(ii) Welding Portions
(iii) All Matters Related To PRC Sleepers Including Sleeper Plants.
(iv) Inspection Of ERC, Metal Liners etc.
(v) Innovations, Modernisation & Technological Advancements In All Related Fields

7. <u>Chief Engineer / Track Machines</u>

(i) Maintenance, Operation And Control Of All Types Of Track Machines
(ii) Track Machine Cadre
(iii) Track Machines Manual
(iv) Framing And Initiation Of Proposals And Carrying Out Detailed Planning Through CTE
(v) Innovations, Modernisation & Technological Advancements In All Related Fields

8. <u>Chief Engineer/HQ or Chief Engineer/Land</u>

(i) All Matters Related To Land Management Including Licensing & Encroachments On Railway Land
(ii) Land Boundaries
(iii) All Matters Related To Property Development, Licensing/Leasing Of Shops etc.
(iv) Leasing Of Private Houses, Rent And Other Charges
(v) Functions Pertaining To Metro Rails
(vi) Maintenance Of Assets Including Vehicles
(vii) Tree Plantation
(viii) Heritage
(ix) Rajbhasha
(x) Maintenance Of Assets Including Vehicles
(xi) Land Matters Of Railway Sidings
(xii) All Matters Related Property Development, Licensing/Leasing Of Shops etc.
(xiii) Innovations, Modernisation & Technological Advancements In All Related Fields

9. <u>Chief Engineer/Bridge Workshop</u> (Through CBE)

(i) Overall Incharge Of Bridge Workshops And Responsible For Maintenance, Target And Production In Workshops
(ii) All Issues Pertaining To Bridge Administration Excluding Design, Breaches, Monsoon Patrolling, Floods, Gauging And River Training Works
(iii) Flood Control
(iv) Foot-Over-Bridges, Platform Shelters
(v) Production, Stores And Establishment Matters, Tenders/Contracts
(vi) Training To Bridge Staff
(vii) Innovations, Modernisation & Technological Advancements In All Related Fields

(Alok Kumar) 14.9.10
Executive Director/Civil Engg.(G)/Railway Board