

East Central Railway



Office of the
General Manager (Engg)
E. C. Railway/Hajipur

No. W-3/422/09/ROB-RUB/LHS Policy file

Dated 07.11.2022

Subject: Standard Working Procedure for execution of work in close Vicinity of running track / existing bridges.

- 1) All the specifications and safety measures mentioned in the approved GAD/Drg approved by CBE shall be observed strictly. If during execution of work existing Bridge/formation/track is getting affected, a comprehensive protection scheme based on due analysis and calculation is included in the GAD. Where ever the protection scheme is not required it should be clearly certified on the GAD. If the existing bridge, track and formation are getting affected due to temporary work the same should be treated as work affecting running line.
- 2) For cases where GAD is already approved a separate protection scheme be prepared based on due analysis and calculation and got approved by CBE before commencement of work.
- 3) During execution, guide lines on 'safety precautions at work sites' circulated vide Rly Board's letter NO.2015/CE-IV/ROB/78 Pt. Dated 04.07.19 shall be strictly adhered .
- 4) The guidelines given in RDSO report BS-120 shall be followed while excavating the existing embankment.
- 5) The junction arrangement between existing asset and new asset shall be got approved by CBE before start of work.
- 6) Design of proposed new 32.5T loading bridge must be approved by competent authority (as per delegation issued by Rly Board) before execution of work.
- 7) All relevant tests, as specified by IS codes, Railway codes & Drawing specifications, shall be carried out and it shall be ensured that parameters are within prescribed limit for all component.
- 8) The horizontal & vertical clearances with OHE & bridge shall be ensured as per the codal provisions.
- 9) No infringement of IRSOD at any level of construction shall be ensured and also visibility of signal shall be checked during and after completion of work.
- 10) Completion drawing shall be prepared on completion of the work and this must indicate deviations with respect to GAD & to be submitted to CBE office.
- 11) Temporary signaling arrangement will be done as per para 15.09 of G.R. & S.R. whichever is applicable, if required.
- 12) Suitable Speed restriction should be imposed on adjacent running track as and when necessary as per site condition & necessary protection to be ensured. However, in case of doubling project where ever

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excavation or any type of disturbance is to be done beside running line and work is being executed without any speed restriction concerned SAG grade officer (CE/Con, CPM or CGM as the case may be) of project executing unit should certify that it will not cause any disturbance to running line before start of work.

- 13) One Board at site should be displayed showing the name of responsible authorities for safety with their mobile number.
- 14) Round the clock manning by competent man duly authorize by SAG level officer in writing along with his identity and Aadhar card (he can be a Rly Employee or any competent official from Consultant / PMC) shall be ensured during interface of construction working and as and when required to ensure safe movement of traffic.
- 15) Before start of execution work, structural design of all segments, under construction & exposure portions, are approved by competent authority.
- 16) Safety equipment and first aid box shall be available at the site of work.

Compliance of above as part of check list shall be submitted by concern CE/C, CPM, CGM along with the proposal to respective division while demanding speed restriction for commencement of work. Division should not grant Speed restriction without receipt of compliance of above stipulations.

Notwithstanding the instruction mentioned above, all official of open line from JE/SSE and above should remain vigilant and if any unsafe condition is noted, the work should be immediately suspended. They are also authorized to call from the details such as sanction plan and approvals before taking any such action.


Pr Chief Engineer

Copy to:

1. CBE & CTE.
2. CAO/C/North and South, PD/IRCON/Patna
3. CPM/RVNL/Ranchi and Patna and CPM/DFCCIL/DDU and KOL
2. DRM/ DHN, DDU, DNR, SEE & SPJ for kind information please. All concern of division shall be instructed to ensure compliance.