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**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

No. 97/CE-I/BRO/158(Policy) Pt.II

New Delhi, dated 28.06.2023

**General Manager,
All Indian Railways.**

**Sub: Precaution and Safety Measures to be observed during & after execution of
ROB/RUB/Bridge Works.**

Monsoon has already set in and monsoon precautions issued by Railway Board and Zonal Railways are to be scrupulously followed, few of the instructions are reiterated for compliance:

Specific to LHS/RUBs:

- (i) All work sites of ROB /RUB /LHS recently commissioned (especially after last year monsoon) or LHSs inserted into the track & yet to be commissioned should invariably be inspected by HQ officials to check the adequacy of safety measures.
- (ii) Adequate nos. of Quarry dust filled bags to be stockpiled in both approaches of recently commissioned RUBs.
- (iii) Watchman at such LHS sites may be posted.
- (iv) Greasing of gauge faces of Rails, on either side of approaches, for a length of min 50 mtrs., may be done.
- (v) Watering of recently commissioned LHS approaches, and observing settlement of approaches if any. Attention to track settlement if any is to be carried out.
- (vi) Protecting side slopes of approaches with special attention to interfaces by proper granular material to prevent erosion of soil and ingress of water, if required tarpoline may be used.
- (vii) Cleaning of sump well and drains of LHS.
- (viii) Pumping arrangement /drainage arrangement at identified LHS should be provided with heavy duty pump. Also, mobile pump van should be kept in readiness for emergency.
- (ix) Regular inspection of LHS sites by SSE/JEs, especially during rains.
- (x) Inspection of LHS by DEN/ Sr DEN/ ADEN and ensuring adequate safety arrangements, at the earliest.

Specific to works site:

- (i) All the major work site worksite like re-girdering, rebuilding etc., should be inspected by senior level officers of HQ/Divisions to check the adequacy of safety arrangement

- (ii) All the work requires cutting of the embankment/dismantling of existing pier /abutment should be executed as per the approved plans, with proper supervision of competent level official.

General :

- (iii) All stipulated monsoon precautions along with full complement of monsoon reserve both on wheel and on ground should be ensured
- (i) Relieving girders already existing in track should be removed as early as possible.
- (ii) All waterways, catch water drain, side drains need to be repaired and cleared and maintained during monsoon period. There should not be any obstruction to free flow of water. If required, necessary pumping arrangement to be done.
- (iii) All the loose debris and boulders in the cutting should be identified and removed.
- (iv) Any overburden near the edge of cutting to be removed.

hoo
20.06.22
(L.L. Meena)

**Director, Civil Engineering (B&S)
Railway Board**

Copy to: PCE's, CAOs, All Indian Railways for information and necessary action please.