

**भारत सरकार) GOVERNMENT OF INDIA
(रेल मंत्रालय) MINISTRY OF RAILWAYS
(रेलवे बोर्ड) RAILWAY BOARD**

No. 2017/CE-IV/RUB/88

New Delhi, dated, 16.04.2024

**Principal Chief Engineers,
Indian Railways**

Sub: Construction of Road under Bridge (RUB)/Limited height Subway (LHS) by innovative methods .

Ref: 1. RB letter no. 2017/7/CE-IV/88 dated 01.09.23

2. RB letter No. No. 2017/7/CE-IV/88 dated 19 .03.2024

Railway Board has issued new policy dated 02.03.2023 for sanctioning of road crossing works. Since then the pace of sanctioning of new works has been increased manifold. To meet the ever increasing public demands, the pace of execution of RUB /subway works needs to be accelerated.

2.0. Subways are constructed by insertion of pre-cast RCC boxes under the running track. There are different methods of box insertion with their suitability w.r.t local/site conditions.

3.0 On 13.03.2024, a presentation on "Box pushing by innovative technology" was made by few Railways. All available methods of Box Insertion were discussed in detail.

4.0 .Vide letter at Ref. (1) above, NWR,NR,NFR,&SCR have been advised to take up construction of Subway by Box Pulling Method . Vide letter under Ref. (2) above, CR has been further advised to conduct trial of Subway construction by cut & air pushing through sliding method.

5.0 Competent authority has decided that construction of one Subway by "Cut & Air Pulling Method using winch arrangement " & "Direct cut and air pushing with sliding method without use of service girder" in a single traffic block shall be planned by each railway. Suitable single line section may be selected for this trial. The work shall be undertaken expeditiously to complete this exercise in next 4 Months.

The details of selected LHS/RUB with section shall be advised to Board.

DA : as above


(Ravindra Kumar Goel)
Principal Executive Director/ Bridge